

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date: June 3, 2014 Consent [X] Regular []
Public Hearing []

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: Change Order No. 1 with Southeast Drilling Services, Inc. (R2013-1026) for the WTP No. 8 Well Replacement and Rehabilitation Project in the amount of \$164,159.40 and increasing the contract time by 150 calendar days.


Summary: On August 13, 2013, the Palm Beach County Board of County Commissioners approved the Contract for the WTP No. 8 Well Replacement and Rehabilitation Project with Southeast Drilling Services, Inc. (R2013-1026) for constructing one (1) new Surficial Aquifer replacement well and rehabilitating four (4) existing wells at WTP 8. Change Order No. 1 provides for the drilling of a second replacement well, and deleting the well rehabilitation for one well. The contract time is being increased by 150 calendar days to accommodate the additional time required for permitting and construction of the additional well. The Small Business Enterprise (SBE) participation goal established by the SBE Ordinance is 15% overall. This Change Order includes 0% overall SBE participation. The cumulative SBE participation, including this Change Order is 70.38% overall. Southeast Drilling Services, Inc. is a Palm Beach County company. This project is included in the FY14-15 Capital Improvement Plan adopted by the Board of County Commissioners. (WUD Project No. 12-008) District 2 (JM)

Background and justification: The age of numerous wells has created a need for rehabilitation or replacement of a number of raw water wells. The rehabilitation of well 8W-3 could not be accomplished due to unforeseen downhole conditions creating a need to plug and abandon this well and construct a replacement well.

Attachments:

- 1. Location Map
- 2. Two (2) Original Change Order #1

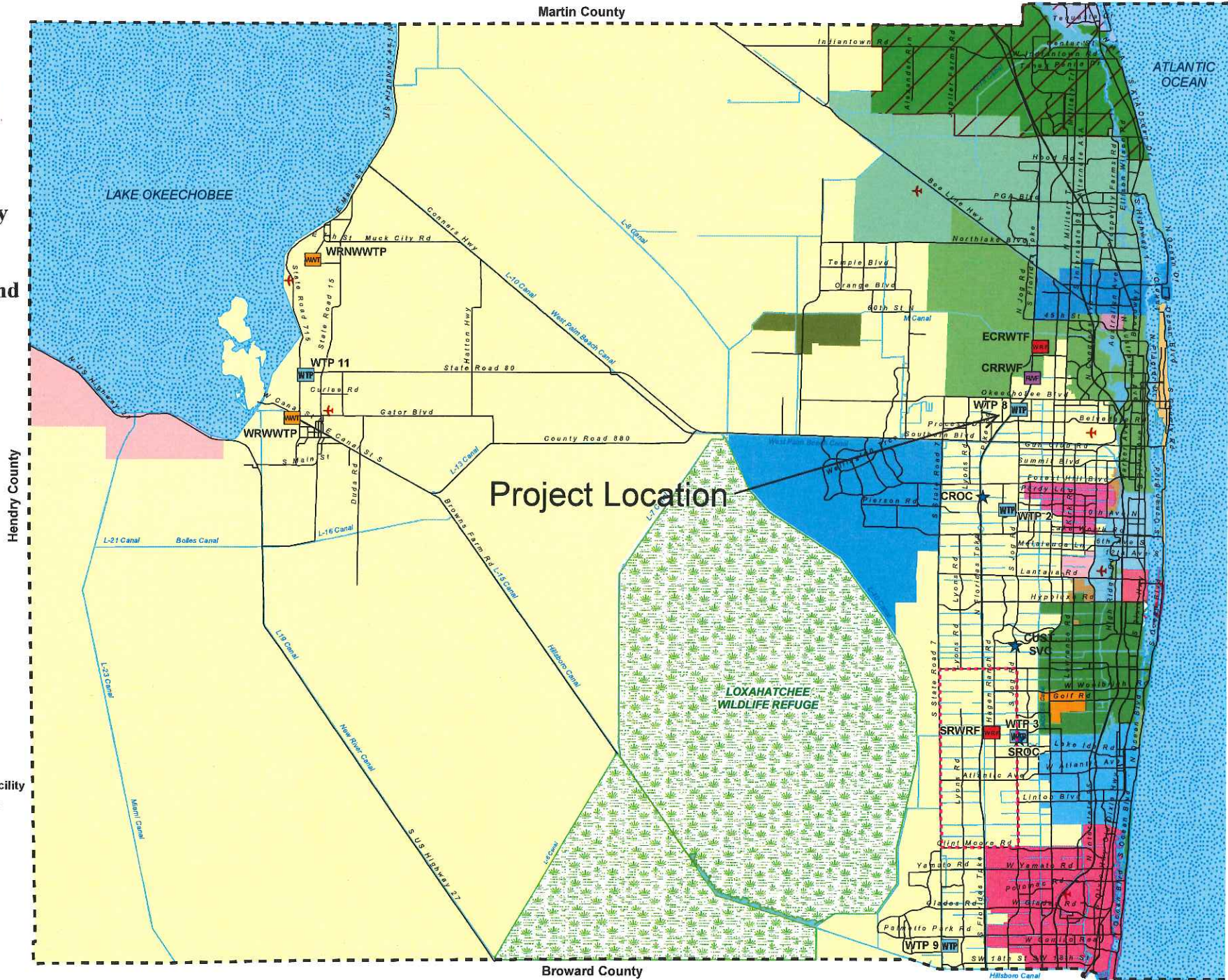
Recommended By:  5/16/14
Department Director Date

Approved By:  5/30/14
Assistant County Administrator Date



**Palm Beach County
Water Utilities
Department
Service Area (SA) and
Major Facilities**

Attachment 1



- Legend**
- ★ Administration
 - WTP Water Treatment Plant
 - WRRWF Wastewater Reclamation Facility
 - WRRWF Wastewater Reclamation Facility
 - WRRWF Wastewater Treatment Plant
 - WRRWF Wastewater Treatment Plant
 - Mandatory Reclaimed SA
 - - - Palm Beach County Limits
 - P.B.C.W.U.D. Service Area



NOT TO SCALE

**WTP NO. 8 WELL REPLACEMENT AND REHABILITATION
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 12-008
CHANGE ORDER NO. 1**

Contractor:
Southeast Drilling Services, Inc.
P.O. Box 271723
Tampa, Florida 33688

CONTRACT NO. R2013-1026
CONTRACT DATE: 8/13/2013
NOTICE TO PROCEED: 10/14/2013
BUDGET LINE ITEM: 4011-721-W004-6541
DISTRICT NUMBER 2

You are directed to make the following changes in this contract:

1.1	Delete Schedule C - Well Rehabilitation of Well 8W-3, Line Items C-1 through C-24 (1/4 Schedule C costs), as per attached Unit Cost Breakdown	(\$155,600.00)
1.2	Add Schedule B - Well Replacement and Abandonment of Well 8W-3, Line Items B-1 through B-22 as per attached Unit Cost Breakdown	\$211,500.00
1.3	Add 240 Hours Development Time at \$200.00 per hour, Line Items B-12 and C-16	\$48,000.00
1.4	Add 96 Hours Extra Work by Drilling Crew and Equipment at \$250.00 per hour, Line Item C-21, for the attempted rehabilitation of Well 8W-3	\$24,000.00
1.5	Materials related to Items 1 above which could not be used or returned and will be stored for future well rehabilitations (see attached break down)	\$18,473.45
	<ul style="list-style-type: none"> • 1 - 24" x 6" Stainless Steel Wellhead • 85 feet 20" PVC Well Casing • 80 feet 12" PVC Riser • 70 feet 12" Stainless Steel Screen • Additional freight for 16" PVC for new 8W-3 	
1.6	CPR-1 additional work 8W-3 & 4 (Videos and retrieval of materials in well)	\$3,853.00
1.7	CPR-3 Furnish and Install Man Gates at well sites	\$3,373.00
1.8	General Conditions work excluding stored materials & CPR-1	\$10,559.95
	Total	\$164,159.40

NOT VALID UNTIL SIGNED BY BOTH OWNER AND ENGINEER. SIGNATURE OF THE CONTRACTOR INDICATES HIS AGREEMENT HEREWITH INCLUDING ANY ADJUSTMENT IN THE CONTRACT SUM OR CONTRACT TIME, AND NO ADDITIONAL COST OR TIME INDICATED HEREIN WILL BE RELATED TO THIS CHANGE


The original Contract Sum was:	\$1,704,960.00
Net change by previous Change Orders:	\$0.00
The Contract Sum prior to this Change Order was:	\$1,704,960.00
The Contract Sum will be increased by this Change Order:	\$164,159.40
The new Contract Sum including this Change Order will be:	\$1,869,119.40
The Contract time will be increased by:	150 Days
The Date of Substantial Completion including this Change Order:	<u>December 8, 2014</u>
The Date of Final Completion including this Change Order:	<u>January 7, 2015</u>

EXECUTION OF THIS CHANGE ORDER ACKNOWLEDGES FINAL SETTLEMENT OF, AND RELEASES, ALL CLAIMS FOR COSTS AND TIME ASSOCIATED, DIRECTLY OR INDIRECTLY, WITH THE ABOVE-STATED MODIFICATION(S) INCLUDING ALL CLAIMS FOR CUMULATIVE DELAYS OR DISRUPTIONS RESULTING FROM, CAUSED BY, OR INCIDENT TO SUCH MODIFICATIONS AND INCLUDING ANY CLAIM THAT THE ABOVE STATED MODIFICATION(S) CONSTITUTES IN WHOLE OR PART, A CARDINAL CHANGE TO THE CONTRACT.

**WTP NO. 8 WELL REPLACEMENT AND REHABILITATION
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 12-008
CHANGE ORDER NO. 1**

Palm Beach County Water
Utilities Department
ENGINEER

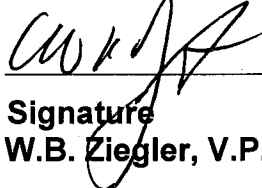
P.O. Box 16097
W. Palm Beach, FL 33416
Address


Signature
Brian Shields, P.E. -
Deputy Director

5/14/14
DATE

Southeast Drilling Services,
Inc.
CONTRACTOR

P.O. Box 271723
Tampa, Florida 33688
Address


Signature
W.B. Ziegler, V.P.

5/12/14
DATE

Palm Beach County Water
Utilities Department
OWNER

P.O. Box 16097
W. Palm Beach, FL 33416
Address

Signature
Priscilla A. Taylor, Mayor

DATE

**WTP NO. 8 WELL REPLACEMENT AND REHABILITATION
 WATER UTILITIES DEPARTMENT PROJECT NO. WUD 12-008
 CHANGE ORDER NO. 1
 SCHEDULE 1**

PARTICIPATION OF SBE/MWBE CONTRACTORS

PROJECT NAME: WTP No. 8 Well Replacement and Rehabilitation PROJECT NO. WUD 12-008
 NAME OF PRIME CONTRACTOR: Southeast Drilling Services, Inc. CHANGE ORDER NO. 1
 CONTACT PERSON: Bart Ziegler, Vice President PHONE NO: 561-493-9832 FAX NO: 561-493-1540
 CONTRACT DATE: August 13, 2013 DEPARTMENT: Water Utilities

Name, Address and Phone Number of MWBE	Type of Work To Be Performed	Contract Amount			
		Black	Hispanic	Women	Other(Please Specify)
1.		\$ ___	\$ ___	\$ ___	\$ 0
2.		\$ ___	\$ ___	\$ ___	\$ 0
3.		\$ ___	\$ ___	\$ ___	\$ 0
4.		\$ ___	\$ ___	\$ ___	\$ 0
5.		\$ ___	\$ ___	\$ ___	\$ 0
TOTALS		\$ 0	\$ 0	\$ 0	\$ 0

PRIME CONTRACTOR TO COMPLETE:

ORIGINAL CONTRACT PRICE: \$1,704,960.00 ORIGINAL PARTICIPATION: \$1,200,000.00 % PARTICIPATION: 70.38%
 ADJUSTED CONTRACT PRICE: \$1,869,119.40 ADJUSTED PARTICIPATION: \$1,200,000.00 % PARTICIPATION: 64.20%

**WTP NO. 8 WELL REPLACEMENT AND REHABILITATION
WATER UTILITIES DEPARTMENT PROJECT NO. WUD 12-008
CHANGE ORDER NO. 1**

Change Order Summary and Categorization

C.O. #	C.O. Code	Scope of Work	Additions	(Deletions)	Net Change
1.1	O	Delete Schedule C - Well Rehabilitation of Well 8W-3, Line Items C-1 through C-24		\$155,600.00	(\$155,600.00)
1.2	O	Add Schedule B - Well Replacement and Abandonment of Well 8W-3, Line Items B-1 through B-22	\$211,500.00		\$211,500.00
1.3	D	Add 240 Hours Development Time at \$200.00 per hour, Line Items B-12 and C-16	\$48,000.00		\$48,000.00
1.4	D	Add 96 Hours Extra Work by Drilling Crew and Equipment at \$250.00 per hour, Line Item C-21, for the attempted rehabilitation of Well 8W-3	\$24,000.00		\$24,000.00
1.5	O	Materials related to Items 1 above which could not be used or returned and will be stored for future well rehabilitations	\$18,473.45		\$18,473.45
1.6	O	CPR-1 additional work 8W-3 & 4 (Videos and retrieval of materials in well)	\$3,853.00		\$3,853.00
1.7	O	CPR-3 Furnish and Install Man Gates at well sites	\$3,373.00		\$3,373.00
1.8	O	General Conditions work excluding stored materials & CPR-1	\$10,559.95		\$10,559.95
Total					\$164,159.40

CHANGE ORDER CATEGORIZATION CODE

 O OWNER INITIATED
 D DIFFERING SITE CONDITIONS
 ZONING/CODE/ORDINANCE CHANGES
 ERRORS/OMISSIONS/IN DESIGN

 QUANTITY OVER/UNDER-RUNS
 REQUEST BY ANOTHER AGENCY
 REIMBURSABLE
 NON-REIMBURSABLE

CHANGE ORDER ADDITIONS/DELETIONS SUMMARY

PROJECT:	WTP No. 8 Well Replacement and Rehabilitation	<u>APPROVAL LIMITS:</u>						
CONTRACTOR:	Southeast Drilling Services, Inc. P.O. Box 2764 Lutz, Florida 33548	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		DEPARTMENT HEAD PLUS CONTRACT REVIEW COMMITTEE		
PROJECT NO.:	WUD 12-008							
RESOLUTION NO.:	R2013-1026	(Amount)	(Days)	(Amount)	(Days)	(Amount)	(Days)	
DATE APPROVED:	August 13, 2013	INDIVIDUAL C.O.	\$25,000.00	12 Days	\$50,000.00	25 Days	\$60,000.00	N/A
CONTRACT AMOUNT:	\$1,704,960.00	CUMMULATIVE C.O.	\$25,000.00	12 Days	\$75,000.00	37 Days	\$100,000.00	N/A

C.O. #	DATE APPROVED	NET CHANGE	DEPARTMENT HEAD		CONTRACT REVIEW COMMITTEE		TOTAL DEPT. HEAD & CONTRACT REVIEW COMM.		BOARD OF COUNTY COMMISSIONERS		TOTALS
			(ADDS PLUS DEDUCTS) AMOUNT	(ADDS PLUS DEDUCTS) DAYS	(ADDS PLUS DEDUCTS) AMOUNT	(ADDS PLUS DEDUCTS) DAYS	(ADDS PLUS DEDUCTS) AMOUNT	(ADDS PLUS DEDUCTS) DAYS	(ADDS PLUS DEDUCTS) AMOUNT	(ADDS PLUS DEDUCTS) DAYS	
1	Pending	\$164,159.40	\$0.00	0	\$0.00	0	\$0.00	0	\$164,159.40	150	\$164,159.40
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
TOTAL		\$164,159.40	\$0.00	0	\$0.00	0	\$0.00	0	\$164,159.40	150	\$164,159.40

Notes:

1. Net Change reflects the net amount of additions plus deductions.
2. Adds plus Deducts reflects the net value of unrelated changes for use in determining the approval authority for the Change Order.
3. Liquidated Damages = \$1,000 (Stage 1), = \$2,000 (Stage 2) and = \$1,000 (After Substantial Completion).

**UNIT COSTS BREAKDOWN FOR INVOICING
AND PERCENT COMPLETE**

PROJECT: Water Treatment Plant 8 Well Replacement
and Rehabilitation

LOCATION: Palm Beach, FL

CONTRACTOR: Southeast Drilling Services, Inc.

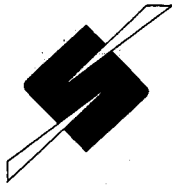
ADDRESS: 119 Lucina Drive
Hypoluxo, FL 33462

Application No.: 5 Period From: February 26, 2013 to March 25, 2014

Project No.: WUD 12-008

Contract No.: R2013-1026

Item No.	Description	Original Estimate				Change Order No. 1	
		Quantity	Unit	Unit Price	Value	Quantity	Value
Schedule A-General Requirements							
A-1	Mobilization, Demobilization, and Site Restoration	1	LS	\$130,000.00	\$130,000.00		\$0.00
A-2	Bonds & Insurance	1	LS	\$40,000.00	\$40,000.00		\$0.00
A-3	Construction Allowance	1	LS		\$25,000.00		\$0.00
Sub Total					\$195,000.00		\$0.00
Schedule B - Well Replacement and Abandonment of 8W-21							
B-1	Furnish, install and cement 30" steel surface casing.	1	EA	\$20,000.00	\$20,000.00	1	\$20,000.00
B-2	Drill nominal 10-inch pilot hole and perform sieve analyses	160	FT	\$50.00	\$8,000.00	160	\$8,000.00
B-3	Perform geophysical logs.	1	EA	\$5,000.00	\$5,000.00	1	\$5,000.00
B-4	Drill nominal 30-inch borehole	100	FT	\$150.00	\$15,000.00	100	\$15,000.00
B-5	Perform caliper log.	1	EA	\$5,000.00	\$5,000.00	1	\$5,000.00
B-6	Furnish and install 24-inch PVC casing	100	FT	\$150.00	\$15,000.00	100	\$15,000.00
B-7	Cement 24-inch casing	200	CF	\$35.00	\$7,000.00	200	\$7,000.00
B-8	Drill nominal 22-inch borehole	50	FT	\$200.00	\$10,000.00	50	\$10,000.00
B-9	Furnish and install 16-inch stainless steel screen.	50	FT	\$200.00	\$10,000.00	50	\$10,000.00
B-10	Furnish and install 16-inch PVC riser pipe..	100	FT	\$100.00	\$10,000.00	100	\$10,000.00
B-11	Furnish and install gravel pack	200	CF	\$20.00	\$4,000.00	200	\$4,000.00
B-12	Develop well	240	HR	\$200.00	\$48,000.00	240	\$48,000.00
B-13	Conduct step-rate pumping test	8	HR	\$500.00	\$4,000.00	8	\$4,000.00
B-14	Conduct constant-rate pumping test	8	HR	\$500.00	\$4,000.00	8	\$4,000.00
B-15	Conduct video log	1	EA	\$2,000.00	\$2,000.00	1	\$2,000.00
B-16	Disinfect and sample well	1	EA	\$3,500.00	\$3,500.00	1	\$3,500.00
B-17	Extra work by drilling crew and equipment	10	HR	\$250.00	\$2,500.00	10	\$2,500.00
B-18	Extra work by drilling crew	10	HR	\$250.00	\$2,500.00	10	\$2,500.00
B-19	Standby time with drilling crew and drilling rig on-site	10	HR	\$250.00	\$2,500.00	10	\$2,500.00
B-20	Standby time with rig on-site and crew off-site	10	HR	\$250.00	\$2,500.00	10	\$2,500.00
B-21	Abandon existing production well 8W-21	1	LS	\$25,000.00	\$25,000.00	1	\$25,000.00
B-22	Cement for well abandonment	150	CF	\$40.00	\$6,000.00	150	\$6,000.00
Sub Total					\$211,500.00		\$211,500.00
Schedule C - Well Rehabilitation of 8W-1, 8W-2, 8W-3, and 8W-4							
C-1	Provide and maintain site access for well rehabilitation	4	EA	\$5,000.00	\$20,000.00	-1	(\$5,000.00)
C-2	Remove wellhead, column pipe, pump, and motor	4	EA	\$5,000.00	\$20,000.00	-1	(\$5,000.00)
C-3	Remove inner casing, screen, and appurtenances	4	EA	\$15,000.00	\$60,000.00	-1	(\$15,000.00)
C-4	Brush steel outer casing	4	EA	\$3,500.00	\$14,000.00	-1	(\$3,500.00)
C-5	Perform video survey	4	EA	\$5,000.00	\$20,000.00	-1	(\$5,000.00)
C-6	Remove existing gravel pack	1,600	CF	\$20.00	\$32,000.00	-400	(\$8,000.00)
C-7	Backfill open hole with gravel	1,320	CF	\$15.00	\$19,800.00	-330	(\$4,950.00)
C-8	Furnish and install 20-inch liner	320	LF	\$50.00	\$16,000.00	-80	(\$4,000.00)
C-9	Cement 20-inch liner	320	CF	\$35.00	\$11,200.00	-80	(\$2,800.00)
C-10	Remove existing 24-inch steel casing and replace with 24-inch PVC			\$0.00	\$0.00		\$0.00
C-11	Cement 24-inch PVC casing	600	CF	\$15.00	\$9,000.00	-150	(\$2,250.00)
C-12	Removal of backfilled gravel	1,320	CF	\$20.00	\$26,400.00	-330	(\$6,600.00)
C-13	Furnish and install 12-inch stainless steel screen	280	FT	\$150.00	\$42,000.00	-70	(\$10,500.00)
C-14	Furnish and install 12-inch PVC riser pipe	320	FT	\$50.00	\$16,000.00	-80	(\$4,000.00)
C-15	Furnish and install gravel pack	1,000	CF	\$20.00	\$20,000.00	-250	(\$5,000.00)
C-16	Develop well	960	HR	\$200.00	\$192,000.00	-240	(\$48,000.00)
C-17	Conduct step-rate pumping test	32	HR	\$500.00	\$16,000.00	-8	(\$4,000.00)
C-18	Conduct constant-rate pumping test	32	HR	\$500.00	\$16,000.00	-8	(\$4,000.00)
C-19	Conduct video log	4	EA	\$5,000.00	\$20,000.00	-1	(\$5,000.00)
C-20	Disinfect and sample well	4	EA	\$5,000.00	\$20,000.00	-1	(\$5,000.00)
C-21	Extra work by drilling crew and equipment	32	HR	\$250.00	\$8,000.00	-8	(\$2,000.00)
C-22	Extra work by drilling crew	32	HR	\$250.00	\$8,000.00	-8	(\$2,000.00)
C-23	Standby time with drilling crew and drilling rig on-site	32	HR	\$250.00	\$8,000.00	-8	(\$2,000.00)
C-24	Standby time with rig on-site and crew off-site	32	HR	\$250.00	\$8,000.00	-8	(\$2,000.00)
Sub Total					\$622,400.00		(\$155,600.00)
Schedule D - Finished Well Head and Site Work							
D-1	Furnish and install well pump assembly	5	EA	\$30,000.00	\$150,000.00		\$0.00
D-2	Furnish and install wellhead-civil	5	EA	\$30,000.00	\$150,000.00		\$0.00
D-3	Furnish and install site fencing and gates	330	LF	\$70.00	\$23,100.00		\$0.00
D-4	Sheeting, Shoring, and Bracing or Equivalent Method- Trench Safety	1	LS	\$500.00	\$500.00		\$0.00
D-5	8" Pipe, Fittings and Valves	210	LF	\$0.00	\$0.00		\$0.00
D-6	Sod replacement and turf restoration	6,800	SF	\$0.50	\$3,400.00		\$0.00
D-7	8" Pipe	148	LF	\$95.00	\$14,060.00		\$0.00
D-8	8" Pipe and 8" Fittings and Valves	5	EA	\$10,000.00	\$50,000.00		\$0.00
Sub Total					\$391,060.00		\$0.00
Schedule E - Electrical							
E-1	Wellhead Instrumentation	5	EA	\$37,000.00	\$185,000.00		\$0.00
E-2	Wellhead Electrical	5	EA	\$20,000.00	\$100,000.00		\$0.00
Sub Total					\$285,000.00		\$0.00
Total					\$1,704,960.00		\$55,900.00



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

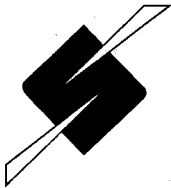
**PROJECT: PBC SYSTEM 8 REHABILITATIONS
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-1**

SUBJECT: Additional Work

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
Materials						
1	Vac Truck		LS	\$505	\$0	
2	Acid		1 LS	\$26.96	\$27	
3	Video (8W-3 week of 10/29/13)		1 Each	\$700	\$700	
4	Video (8W-4 week of 11/8, 11/10 & 11/19)		3 Each	\$700	\$2,100	
	Subtotal Materials				\$2,827	
	Tax				\$198	
	Total Materials					\$3,025
1	Project Management		2 Hour	\$130	\$260	
2	Supervisor (repair at well site)		Hour	\$78	\$0	
3	Project Labor (repair at well site)		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
	Subtotal Labor & Perdiem					\$260
	Bonding					\$66
	Subtotal SED Services					\$3,351
	Administration, Overhead & Profit					\$503
	Total SED Services					\$3,853
Subcontractor Work						
1			1 Each		\$0	
2			Each		\$0	
	Total Subcontracts					\$0
	Subtotal					\$0
	Bonding					\$0
	Subtotal					\$0
	Overhead & Administration					\$0
	Total Subcontract items					\$0
	Total Change Proposal Request					\$3,853
	Additional Extra Work Hours		0 HR	\$250	\$0	
	Total CPR With Extra Work					\$3,853
	Total Additional Time		<u>TBD</u>			Calendar Days

Note:

- 1 As per request by Owner
- 2



Southeast Drilling Services, Inc.

119 Lucina Drive, Hypoluxo, FL 33462 (561) 493-9832 FAX (561) 493-5140

**PROJECT: PBC SYSTEM 8 REHABILITATIONS
SOUTHEAST DRILLING SERVICES, INC.
SED CPR-3**

SUBJECT: Additional of Man Gates on Well Pad Fencing

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	COST	EXTENDED COST
<u>Materials</u>						
1		1	LS		\$0	
2		1	LS		\$0	
3		1	LS		\$0	
	Subtotal Materials				\$0	
	Tax				\$0	
	Total Materials					\$0
1	Project Management	2	Hour	\$130	\$260	
2	Supervisor (repair at well site)		Hour	\$78	\$0	
3	Project Labor (repair at well site)		Hour	\$45	\$0	
4	Perdiem		Day	\$64	\$0	
5	Hotel		Day	\$140	\$0	
	Subtotal Labor & Perdiem					\$260
	Bonding					\$5
	Subtotal SED Services					\$265
	Administration, Overhead & Profit					\$40
	Total SED Services					\$305
<u>Subcontractor Work</u>						
1	Tropic Fence	5	Each	\$573	\$2,865	
2			Each		\$0	
	Total Subcontracts					\$2,865
	Subtotal					\$2,865
	Bonding					\$57
	Subtotal					\$2,922
	Overhead & Administration					\$146
	Total Subcontract items					\$3,068
	Total Change Proposal Request					\$3,373
	Additional Extra Work Hours		HR	\$250	\$0	
	Total CPR With Extra Work					\$3,373
	Total Additional Time	TBD	Calendar Days			

Note:

- 1 As per request by Owner
- 2

CPR-4

8W-3 Modification Extras

Costs Related to Change Order

CO No. Description

Re-stocking

	Mechanical piping	\$0.00	Will configure Well 3 with 6" column & same mechanical
	24" wellhead cost	\$6,573.37	
1.1	12" Screen	\$5,088.00	
and	12" PVC riser PVC	\$1,100.00	
1.5	20" PVC	\$3,102.50	
	6" column pipe	\$0.00	Will configure Well 3 with 6" column & same mechanical
	6" or 8" check valve assumes 8" column	\$0.00	Will configure Well 3 with 6" column & same mechanical
	8"x6" reducers above pump for column	\$0.00	Will configure Well 3 with 6" column & same mechanical

Cost increases

	30" steel	\$0.00	
	24" PVC	\$0.00	
	16" PVC	\$0.00	
1.2	16" Screen	\$0.00	
	Freight Screen	\$0.00	
	Freight 16" PVC w/ tax	\$200.00	HD Supply
	Freight 24" PVC	\$0.00	

Sub total Additional Costs \$16,063.87
 O&P (15%) \$2,409.58

1.5 **Total Additional Costs \$18,473.45**

1.6 **CPR-1 \$3,853.00**

1.7 **CPR-3 \$3,373.00**

1.2 **8W-3 New \$211,500.00**

1.1 **8W-3 Old (\$155,600.00)**

1.4 **Extra Work \$24,000.00**

Additional Work Added to Contract \$105,599.45 All work except development

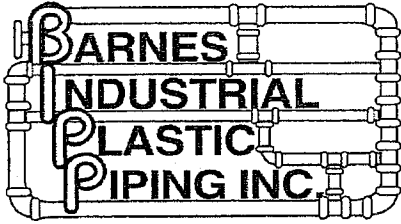
1.8 **General Conditions for Added Work \$10,559.95** Based on 10% of Line Items 1 & 2 of contract percentage of base contract

Total CO \$116,159.40

Description	Cal Days			Critical Path
Lag between 4 & getting well 2	11	4/11/14	4/22/14	11 Yes
Work on 8W-3	24	10/25/13	11/18/13	24 Yes
Extra Dev 8W-21	31	3/1/14	4/1/14	31 Yes
Additional Development in CO	42			Yes
Additional time for New 8W-3 with Board Approval	12			Yes
Additional Wrk on 4	30	11/8/13	12/18/13	yes
Total	150			

Summary of Wellhead Costs

<u>Description</u>	<u>Units</u>	<u>Unit Cost</u>	<u>Cost</u>	<u>Comments</u>
Water Jet	5	\$1,700.00	\$8,500.00	
Fab 24"	4	\$1,800.00	\$7,200.00	
Fab 30"	1	\$1,950.00	\$1,950.00	
Parts	1	\$11,384.63	\$11,384.63	
Machine Work 24"	4	\$214.00	\$856.00	
Machine Work 30"	0.5	\$960.00	\$480.00	Two 30" wellheads in for work only one for PBC
Freight to shop	2	\$200.00	<u>\$400.00</u>	Two trips with delivery truck (water jet to size, then machine, then back)
			\$30,770.63	
Cost per wellhead (divide by 5)			\$6,154.13	
Tax			\$419.25	
Total One Wellhead			\$6,573.37	



425 Hobbs Street
 Tampa, FL 33619
 Phone: (813) 985-3995
 Fax: (813) 655-3100

INVOICE

Invoice No. T10117749
 Date 11/20/2013
 Order No. T00102271
 Shipper ID TS0129775
 Order Type Tampa Sales Order
 Customer ID 1SOUT08

Tax Reg Nbr:

BILL TO:	SHIP TO:
SOUTHEAST DRILLING SERV 10614 E US HWY 92 Tampa, FL 33610	SOUTHEAST DRILLING SERV 1156 RICHARD ROAD LAKE PARK, FL 33403

PAGE 1

F.O.B. POINT	SHIP VIA	ORDERED BY	CUSTOMER P.O. NO.
	Deliver Via Barnes Truck	BART	LAKE PARK UTILITY
ORDER DATE	TERMS	SALES PERSON	SITE
11/15/2013	Net 30 Days	KEVIN BELL	TPA Barnes Industrial-Tampa

6

PART NUMBER	QTY ORDERED	UNITS	QTY SHIPPED	QTY BO	PRICE	DISC %	EXT. PRICE
PIPE-40-240 24" PIPE SCH40 BE	200.00	FT	200.00	0.00	59.6100	0.00	11,922.00

Barnes/Bart
 JOB NAME PBC Sgs 8
 CODE 6000
 APPROVAL Y w Rec or PR 2
 EXCEPTION _____

NOV 20 2013

Sales Tax Summary:	Tax Category	Description	Tax Rate	Taxable Merch Amt	Merch Tax Amt	Taxable Misc Amt	Misc Tax Amt
	TAXABLE	PALM BEACH COUNTY	0.00%	11,922.00	0.00	0.00	-0.00
	TAXABLE	State Sales Tax	6.00%	11,922.00	715.32	0.00	0.00

<small>MERCHANDISE CAN NOT BE RETURNED WITHOUT PRIOR PERMISSION AND ASSIGNED RMA NUMBER. CLAIMS FOR DEFECTIVE OR DAMAGED MATERIAL MUST BE MADE WITHIN 5 DAYS AFTER RECEIPT OF GOODS. NO CREDIT GIVEN AFTER 30 DAYS. NO REFUNDS ON SPECIAL ORDER OR NON-CANCELLABLE PRODUCTS. ALL RETURNS ARE SUBJECT TO RE-STOCKING, HANDLING, AND FREIGHT CHARGES. ALL SALES ARE FINAL FOR CUSTOMERS WHO DO NOT HAVE AN ESTABLISHED CREDIT ACCOUNT WITH US. A SERVICE CHARGE OF 1-1/2% PER MONTH (18% PER YEAR) WILL BE APPLIED TO ANY UNPAID BALANCE ON YOUR ACCOUNT OVER 30 DAYS OLD. IF LEGAL MEANS ARE NECESSARY TO COLLECT THIS INVOICE, CUSTOMER AGREES TO PAY ALL LEGAL AND ATTORNEY FEES AND COLLECTION CHARGES. TERMS ARE NET 30.</small>		Sales Total	11,922.00
	Shipping & Handling		0.00
	Misc. Charges		0.00
	Tax Total		715.32
			<u>12,637.32</u>
	Less Paid Amount		0.00
	TOTAL		12,637.32

REMIT TO: 425 HOBBS STREET TAMPA, FL 33619

EFFECTIVE NOVEMBER 1, 2013, A 2% SERVICE CHARGE WILL BE ADDED TO ALL PAYMENTS MADE BY CREDIT CARD ON TERM ACCOUNTS. PAYMENTS MADE AT THE POINT OF SALE ARE EXCLUDED FROM ADDITIONAL FEE.



Local Service, Nationwide
 P.O. Box 1419
 Thomasville, GA 31799-1419

INVOICE

BRANCH ADDRESS
 WEST PALM BEACH FL
 Branch - 039
 1101 W 17th St
 Riviera Beach FL 33404 0000
 561/848-4396

INVOICE #	B801058
INVOICE DATE	12/10/13
ACCOUNT #	044242
SALESPERSON	GEORGE SMITH
BRANCH #	039

Total Amount Due \$6,460.70

Remit To:
 HD SUPPLY WATERWORKS, LTD.
 PO BOX 100467
 ATLANTA, GA 30384-0467

259 1 MB 0.405 ED233X 10376 D840937375 P1729030 0001:0002



SOUTHEAST DRILLING SERVICES
 10614 E US HIGHWAY 92
 TAMPA FL 33610-5972

Shipped to:

1500 NORTH JOG ROAD
 POC: BARRETT 813-299-6313
 WEST PALM BEACH, FL

CUSTOMER JOB- PBCSYS8 PBC SYSTEM 8

Return Top Portion With Payment For Faster Credit

Thank You For The Opportunity To Serve You.
 We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO No.	Job Name	Job No.	Bill of Lading	Shipped Via	Order Number
11/25/13	12/06/13	SYSTEM 8	PBC SYSTEM 8	PBCSYS8		BEST	B801058
Product Code	Description	Quantity Ordered	Quantity Shipped	Back-Ordered	Price	Per	Amount
/10012186798	12" SDR21 SWBE PVC CASING PIPE	320	320		13.7500	EA	4,400.00
/10012186799	16" SDR26 SWBE PVC CASING PIPE	80	80		18.5000	EA	1,480.00
97DROPCHARGE	DROP SHIP CHARGE	1	1		215.0000	EA	215.00

DEC 11 2013

Bart AP
 JOB NAME PBC Sys 8
 CODE SD
 APPROVAL _____
 EXCEPTION _____

This transaction is governed by and subject to HD Supply Waterworks standard terms and conditions, which are incorporated herein by this reference and accepted. To review these terms and conditions, please point your web browser to <http://waterworks.hdsupply.com/TandC/>.

Terms	SubTotal
NET 30	6,095.00

Freight	Delivery	Handling	Restock	Misc.	Tax	INVOICE TOTAL	\$6,460.70
					365.70		

WEST PALM BEACH FL
 Branch - 039
 1101 W 17th St
 Riviera Beach FL 33404 0000

THANK YOU FOR YOUR ORDER
 VISIT
 WATERWORKS.HDSUPPLY.COM
 FOR OTHER SERVICES OFFERED

INVOICE: B801058

SHIP TO: 1826314
 SOUTHEAST DRILLING SERVICE
 1500 N. JOB RD
 WEST PALM BEACH FL 33417
 UNITED STATES



INVOICE

Invoice Number: 10055022 RI
 Invoice Date: NOV 14 2013
 Order Number: 9323227 SO
 Order Date: OCT 28 2013
 Customer PO: SYS8
 Location: 13001 NEW BRIGHTON
 Phone No.: 800.833-9473
 Fax No.: 651.638-3177
 Miscellaneous: PBC SYSTEM 8
 Sales Person: BARON, DONALD M

REMIT TO:
 BILFINGER WATER TECHNOLOGIES
 P O BOX 856485
 MINNEAPOLIS MN 55485-6485
 UNITED STATES

BILL TO: 1052839
 SOUTHEAST DRILLING SERVICES INC
 P O BOX 2764
 LUTZ FL 33548
 UNITED STATES

TERMS		NET DUE DATE	ORDERED BY	ENTERED BY			
Net 30 days		DEC 14 2013	BART Z	FELL, VICKI A			
SHIPPING TERMS		SHIPPING INSTRUCTIONS					
EXW Ex Works		FLATBED-SEE BELOW PPD					
LINE NO.	ITEM NUMBER DESCRIPTION	UOM	QTY SHIPPED	UNIT PRICE	EXTENDED PRICE	TAX	
	<p>FREIGHT IS PREPAID OUR COST IF JOHNSON SCREENS IS ALLOWED ADEQUATE TIME TO MANUFACTURE AND COORDINATE FLATBED FREIGHT ARRANGEMENTS WITH OTHER SHIPMENTS. CUSTOMER IS RESPONSIBLE FOR FREIGHT IF SPECIFIC DELIVERY DATE IS REQUIRED OR EXPEDITED SERVICE IS NEEDED. Contact Name: BART ZIEGLER Contact Email: WBZ@SOUTHEASTDRILLING.NET</p>						
2.000	Legacy #: LDSS Part #: 241694 MODEL, TYPE LDSS LARGE DIA SSWELLSCREEN - W30 Serial #: 58151047 Work Order: 58151047 Ship Date: NOV 14 2013 12" PS Free Flow 250' Constr Slot = .060 Material = 304 SS Screen Length in Feet = 20 Top Fitting = Weld Ring Bottom Fitting = Weld Ring Screen Run Length = 240.75 +/- 0.500 Screen Cut Length = 240.000 +/- 0.500 HEAD # HD 12530A 148 Wire 160R Rod Rod Qty = 64 Top Ftg. Requires Lifting Lugs	EA	8.00	1,550.0000	12,400.00	Y	
3.000	Legacy #: LDSS Part #: 241694 MODEL, TYPE LDSS LARGE DIA SSWELLSCREEN - W30 Serial #: 58151055 Work Order: 58151055 Ship Date: NOV 14 2013 12" PS Free Flow 250' Constr Slot = VARIABLE Material = 304 SS Screen Length in Feet = 20 Top Fitting = Weld Ring Bottom Fitting = Plate Bottom Screen Run Length = 240.75 +/- 0.500 Screen Cut Length = 240.000 +/- 0.500 HEAD # HD 12530A 148 Wire 160R Rod Rod Qty = 64 Top Ftg. Requires Lifting Lugs	EA	4.00	1,700.0000	6,800.00	Y	
		<i>Barrett</i> JOB NAME <u>PBC Sys 8</u> AP CODE <u>5000</u> APPROVAL <u>g w Rec of PR 2</u> EXCEPTION _____					
						1 of 3	



LINE NO.	ITEM NUMBER DESCRIPTION	UOM	QTY SHIPPED	UNIT PRICE	EXTENDED PRICE	TAX
4.000	<p>VARIABLE SLOT: TOP 180 INCHES - .060" SLOT BOTTOM 60 INCHES - TIGHTWIND</p> <p>Legacy #: CLDSS Part #: 241644 MODEL, TYPE CLDSS LARGE DIA SS WELLSCREEN - W30 Serial #: 58151063 Work Order: 58151063 Ship Date: NOV 14 2013 16"PS/18"Tel Slot = .060 Material 304 SS Screen Length in Feet = 10 Top Fitting = PVC Casing Adapter with 10 - .250" holes (special request per customer) Bottom Fitting = Weld Ring Screen Run Length = 120.75 +/- 0.250 Screen Cut Length = 120.000 +/- 0.250 Head HD 15610A 150 Wire 160R Rod Rod Quantity = 70 Special Top Fitting Part # 265417 Top Ftg. Requires Lifting Lugs</p> <p>=====</p> <p>**250' FREEFLOW CONSTRUCTION**</p>	EA	1.00	1,597.0000	1,597.00	Y
5.000	<p>Legacy #: LDSS Part #: 241694 MODEL, TYPE LDSS LARGE DIA SSWELLSCREEN - W30 Serial #: 58151071 Work Order: 58151071 Ship Date: NOV 14 2013 16"PS/18"Tel Free Flow 250' Constr Slot = .060 Material = 304 SS Screen Length in Feet = 20 Top Fitting = Weld Ring Bottom Fitting = Weld Ring Screen Run Length = 240.75 +/- 0.500 Screen Cut Length = 240.000 +/- 0.500 HEAD # HD 15610A 150 Wire 160R Rod Rod Qty = 70 Top Ftg. Requires Lifting Lugs</p>	EA	2.00	2,282.0000	4,564.00	Y
6.000	<p>Legacy #: LDSS Part #: 241694 MODEL, TYPE LDSS LARGE DIA SSWELLSCREEN - W30 Serial #: 58151080 Work Order: 58151080 Ship Date: NOV 14 2013 16"PS/18"Tel Free Flow 250' Constr Slot = VARIABLE Material = 304 SS Screen Length in Feet = 20 Top Fitting = Weld Ring Bottom Fitting = Plate Bottom Screen Run Length = 240.75 +/- 0.500 Screen Cut Length = 240.000 +/- 0.500 HEAD # HD 15610A 150 Wire 160R Rod Rod Qty = 70 Top Ftg. Requires Lifting Lugs</p> <p>=====</p> <p>VARIABLE SLOT:</p>	EA	1.00	2,525.0000	2,525.00	Y

2 of 3



LINE NO.	ITEM NUMBER DESCRIPTION	UOM	QTY SHIPPED	UNIT PRICE	EXTENDED PRICE	TAX
10.000	<p>TOP 180 INCHES - .060" SLOT BOTTOM 60 INCHES - TIGHTWIND</p> <p>Legacy #: CLDSS Part #: 241644 MODEL, TYPE CLDSS LARGE DIA SS WELLSCREEN - W30 Serial #: 58388079 Work Order: 58388079</p> <p>Ship Date: NOV 14 2013 12" PS Slot = .060 Material 304 SS Screen Length in Feet = 10 Top Fitting = PVC Casing Adapter with 8 - .250" holes (special request per customer) Bottom Fitting = Weld Ring Screen Run Length = 120.75 +/- 0.250 Screen Cut Length = 120.000 +/- 0.250 Head HD 12530A 148 Wire 160R Rod Rod Quantity = 64 Special Top Fitting Part # 279480 Top Fig. Requires Lifting Lugs</p> <p>=====</p> <p>**250' FREEFLOW CONSTRUCTION**</p> <p>***** SALES TAX SUMMARY *****</p> <p>St: FL 6.000</p>	EA	4.00	1,152.0000	4,608.00	Y
					1,949.64	

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<p><small>Bilfinger Water Technologies, on behalf of its designated affiliates and subsidiaries (such term shall include any subsidiary, division or affiliate of Bilfinger Water Technologies as designated hereinafter Bilfinger WT) will furnish the requested equipment, materials or services (hereinafter Goods) to buyer. Such provision shall be governed by Bilfinger WT's terms and conditions published at: www.water.bilfinger.com (follow the link to Johnson Screens product page. The Terms & Conditions are located on the bottom right of the landing page) and/or that are forwarded with the order request (hereinafter Terms). These Terms shall control and govern all transactions between Seller and Bilfinger WT, whether under subsequent verbal and/or written requests, unless subject to an express, duly executed agreement (which is not a pre-printed form) for the particular subject matter effective either upon buyer signing the Terms or order confirmation or quote, or upon Bilfinger WT shipping the Goods or otherwise commencing performance, whichever occurs first. The Terms, together with the specifications, drawings and other requirements specified, constitutes the entire agreement between the parties, and all prior negotiations and proposals related thereto are superseded and of no effect. Any written confirmation by buyer containing additional or different terms from the Terms shall be of no effect, unless Bilfinger WT expressly agrees, in writing, to such additional or different terms.</small></p>	<p>SUBTOTAL 32,494.00 SALES TAX 1,949.64 TOTAL (USD) 34,443.64</p>
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