

2004-0097

INTRODUCED BY: ALBERT D. LAQUE, PARISH PRESIDENT  
(DEPARTMENT OF PUBLIC WORKS)

ORDINANCE NO. 04-4-9

An ordinance approving and authorizing the execution of Change Order No. One (1) for Parish Project No. P020704 Bayou Trepagnier Pump Station to increase the original contract amount by \$421,294.00 and to increase the original contract time by 23 calendar days.

**WHEREAS**, Ordinance No. 03-9-9 adopted September 8, 2003 by the St. Charles Parish Council, approved and authorized the execution of a contract with D&O Contractors, Inc., for the construction of Bayou Trepagnier Pump Station in the amount of \$7,892,025.00; and,

**WHEREAS**, the US Army Corps of Engineers (USACE) required changes to the project to ensure compliance with regulations for approval of credit under Section 104 of the Water Resources Development Act of 1986; and,

**WHEREAS**, the implementation of these changes will require additional contract time and the purchase of additional construction materials.

**THE ST. CHARLES PARISH COUNCIL HEREBY ORDAINS:**

**SECTION I.** That Change Order No. One (1) to the contract for the Bayou Trepagnier Pump Station to increase the original contract amount by \$421,294.00 and to increase the original contract time by 23 calendar days is hereby approved.

**SECTION II.** That the Parish President is hereby authorized to execute said Change Order.

The foregoing ordinance having been submitted to a vote, the vote thereon was as follows:

YEAS: MARINO, FAUCHEUX, FABRE, WALLS, BLACK, DUHE, MINNICH  
NAYS: NONE  
ABSENT: HILAIRE  
ABSTAIN: RAMCHANDRAN

And the ordinance was declared adopted this 5<sup>th</sup> day of April 2004, to become effective five (5) days after publication in the Official Journal.

CHAIRMAN: Larry Mann  
SECRETARY: Richard Jacob Jackson  
DLVD/PARISH PRESIDENT: 4-6-04  
APPROVED:  DISAPPROVED:   
PARISH PRESIDENT: Albert D. Laque  
RETD/SECRETARY: 4-6-04  
AT: 2:40 RECD BY: BAT

RECORDED IN THE ST. CHARLES PARISH  
CLERK OF COURT OFFICE  
ON April 6, 2004  
AS ENTRY NO. 293464  
IN MORTGAGE/CONVEYANCE BOOK  
NO. 1005 FOLIO 263

## CHANGE ORDER

No. 1

DATE OF ISSUANCE <u>March 5, 2004</u>	EFFECTIVE DATE <u>March 5, 2004</u>
OWNER <u>St. Charles Parish (SCP) Council</u>	
CONTRACTOR <u>D &amp; O Contractors Inc.</u>	
Contract: <u>Bayou Trepagnier Pump Station</u>	
Project: <u>Bayou Trepagnier Pump Station</u>	
OWNER's Contract No. <u>P020704</u>	ENGINEER's Contract No. <u>2002-820</u>
ENGINEER <u>Evans-Graves Engineers, Inc.</u>	

You are directed to make the following changes in the Contract Documents:  
 Description: See Attachment 1 - Description of Changes.

Reason for Change Attachment 1 - Changes to Contract due to US Army Corps of Engineers review and comments,  
 Order: necessary to ensure compliance with regulations for this Project cost to qualify as participation in future USACOE-funded pump stations along the Lake Pontchartrain Hurricane Protection Levee.

Attachments: (List documents supporting change) Attachment 1 - Description of Changes

CHANGE IN CONTRACT PRICE
Original Contract Price:  <u>\$7,892,025.00</u>
Net increase (decrease) from previous Change Orders No. <u>0</u> to No. <u>0</u> :  <u>\$0</u>
Contract Price prior to this Change Order:  <u>\$7,892,025.00</u>
Net increase (decrease) of this Change Order:  <u>\$421,264</u>
Contract price with all approved Change Orders:  <u>\$8,313,319.00</u>

CHANGE IN CONTRACT TIMES
Original Contract Times: Substantial Completion: <u>365 days</u> Ready for final payment: <u>410 days</u> (days or dates)
Net change from previous Change Orders No. <u>0</u> to No. <u>0</u> : Substantial Completion: <u>Zero</u> Ready for final payment: <u>Zero</u> (days)
Contract Times prior to this Change Order: Substantial Completion: <u>365 days</u> Ready for final payment: <u>410 days</u> (days or dates)
Net Increase (decrease) this Change Order: Substantial Completion: <u>23 days</u> Ready for final payment: <u>23 days</u> (days)
Contract Times with all approved Change Orders: Substantial Completion: <u>388 days</u> Ready for final payment: <u>433 days</u> (days or dates)

**RECOMMENDED:**  
 By: [Signature]  
 ENGINEER (Authorized Signature)  
 Date: 3/5/04

**APPROVED:**  
 By: [Signature]  
 OWNER (Authorized Signature)  
 Date: 4/6/2004

**ACCEPTED:**  
 By: [Signature]  
 CONTRACTOR (Authorized Signature)  
 Date: 3/5/04

CSDC 1910-9-B (1998 Edition)

**ATTACHMENT 1 - DESCRIPTION OF CHANGES**

**Increases:**

	ITEM NO.	ITEM DESCRIPTION	UNITS	QTY	UNIT PRICE	EXTENSION	CHANGES TO WORK	ITEM ADJUSTMENTS
From:	1	Mobilization and Demobilization	Lump Sum	1	\$ 105,000.00	\$ 105,000.00		
To:	1	Mobilization and Demobilization	Lump Sum	1	\$ 276,172.00	\$ 276,172.00	Total Work Stoppage 11-20-03 to 12-12-03 Partial Work Stoppage 12-12-03 to 1-14-04 Remove Pile Driving Crew	\$ 111,919.00 \$ 51,307.00 \$ 7,946.00
From:	7	Construction Dewatering including design, installation, and removal	Lump Sum	1	\$ 4,100.00	\$ 4,100.00		
To:	7	Construction Dewatering including design, installation, and removal	Lump Sum	1	\$ 31,616.00	\$ 31,616.00	TRS Additional Braces and Walls	\$ 27,516.00
From:	8	Fully Compacted Sand Fill, complete and in place	Cubic Yards	500	\$ 16.00	\$ 8,000.00		
To:	8	Fully Compacted Sand Fill, complete and in place	Cubic Yards	1,300	\$ 16.00	\$ 20,800.00	Road to Fuel Tanks	\$ 12,800.00
From:	14	Piling, Concrete Precast, Prestressed, 14" X 14", complete and in place to full length	Linear Feet	12,180	\$ 45.00	\$ 548,100.00		
To:	14	Piling, Concrete Precast, Prestressed, 14" X 14", complete and in place to full length	Linear Feet	13,360	\$ 45.00	\$ 601,200.00	Piles 14X14, 1180 LF	\$ 53,100.00
Add:	16A	10' Steel Sheet Piles, Sheet No. 5 (inc. cap)	Lump Sum	1	\$ 30,057.00	\$ 30,057.00	10' Steel Sheet Piles, Sheet No. 5 (inc. cap)	\$ 30,057.00

**ATTACHMENT 1 - DESCRIPTION OF CHANGES**

**Increases:**

	ITEM NO.	ITEM DESCRIPTION	UNITS	QTY	UNIT PRICE	EXTENSION	CHANGES TO WORK	ITEM ADJUSTMENTS
From:	17	Concrete, complete and in place	Lump Sum	1	\$ 1,118,191.00	\$ 1,118,191.00		
To:	17	Concrete, complete and in place	Lump Sum	1	\$ 1,212,634.00	\$ 1,212,634.00	Revisions to Bottom Slab Pile Caps and Structural Steel Concrete Changes, Sheet No. 4	\$ 60,069.00 \$ 22,416.00 \$ 3,647.00
							Rebar Vertical Walls, Sheet No. 17	\$ 8,311.00
From:	33	Fuel Oil Storage Tanks and Day Tank, complete and in place	Lump Sum	1	\$ 37,000.00	\$ 37,000.00		
To:	33	Fuel Oil Storage Tanks and Day Tank, complete and in place	Lump Sum	1	\$ 101,888.00	\$ 101,888.00	Relocation of Diesel Fuel Storage Tanks	\$ 64,888.00
From:	36	Discharge Piping, 60" and 30" Pumps, complete and in place	Lump Sum	1	\$ 227,000.00	\$ 227,000.00		
To:	36	Discharge Piping, 60" and 30" Pumps, complete and in place	Lump Sum	1	\$ 194,318.00	\$ 194,318.00	Diffusers	\$ (32,682.00)

**TOTAL INCREASES** **\$ 421,294.00**

**RESULTING CREDIT TO ST. CHARLES PARISH** **\$ (421,294.00)**

CHANGES

ATTACHMENT 1 - DESCRIPTION OF CHANGES

ITEM NO.	ITEM DESCRIPTION	UNITS	QTY	UNIT PRICE	EXTENSION	CHANGES TO WORK	COST CHANGE	TOTAL COST CHANGE	ADJUSTED AMOUNT
1	Mobilization and Demobilization	Lump Sum	1	105000	\$105,000.00	Total Work Stoppage 11-20-03 to 12-12-03 Partial Work Stoppage 12-12-03 to 1-14-04	\$ 111,919.00	\$ 163,226.00	\$ 268,226.00
2	Temporary Signs and Barricades, including installation and removal	Lump Sum	1	2200	\$2,200.00		\$ -	\$ -	\$ 2,200.00
3	Project Sign, including installation	Lump Sum	1	700	\$700.00		\$ -	\$ -	\$ 700.00
4	Clearing and Grubbing, complete	Lump Sum	1	12500	\$12,500.00		\$ -	\$ -	\$ 12,500.00
5	Selective Demolition, complete	Lump Sum	1	4500	\$4,500.00		\$ -	\$ -	\$ 4,500.00
6	Excavation, complete	Cubic Yards	16,000	20	\$320,000.00		\$ -	\$ -	\$ 320,000.00
7	Construction Dewatering including design, installation, and removal	Lump Sum	1	4100	\$4,100.00	TRS Additional Braces and Walls	\$ 27,516.00	\$ 27,516.00	\$ 31,616.00
8	Fully Compacted Sand Fill, complete and in place	Cubic Yards	500	16	\$8,000.00		\$ 12,800.00	\$ 12,800.00	\$ 20,800.00
9	Fertilizing and Seeding, complete and in place	Acres	2	600	\$1,200.00		\$ -	\$ -	\$ 1,200.00
10	Finish Site Grading, complete and in place	Cubic Yards	3,050	2	\$6,100.00		\$ -	\$ -	\$ 6,100.00
11	Geotextile Material, complete and in place	Square Yards	1300	6	\$7,800.00		\$ -	\$ -	\$ 7,800.00
12	Bedding under Riprap, complete and in place	Cubic Yards	1350	47	\$63,450.00		\$ -	\$ -	\$ 63,450.00
13	Riprap, complete and in place	Tons	1350	55	\$74,250.00		\$ -	\$ -	\$ 74,250.00
14	Piling, Concrete Precast, Prestressed, 14" X 14", complete and in place to full length	Linear Feet	12,180	45	\$548,100.00	Piles 14X14, 1180 LF	\$ 53,100.00	\$ -	\$ 53,100.00
						Remove Pile Driving Crew	\$ 7,946.00	\$ 61,046.00	\$ 609,146.00
15	Test Pile, Concrete Precast, Prestressed, 14" X 14", complete and in place	Lump Sum	1	2000	\$2,000.00		\$ -	\$ -	\$ 2,000.00
16	Piling, Steel Sheet, complete and in place	Square Feet	5,600	0.5	\$2,800.00	10' Steel Sheet Piles, Sheet No. 5 (inc cap)	\$ 30,057.00	\$ 30,057.00	\$ 32,857.00
17	Concrete, complete and in place	Lump Sum	1	1118191	\$1,118,191.00	Revisions to Bottom Slab Pile Caps and Structural Steel Concrete Changes, Sheet No. 4 Rebar Vertical Walls, Sheet No. 17	\$ 60,069.00 \$ 22,416.00 \$ 3,647.00 \$ 8,311.00	\$ 94,443.00	\$ 1,212,634.00
18	Miscellaneous Metal, complete and in place	Lump Sum	1	76000	\$76,000.00		\$ -	\$ -	\$ 76,000.00
19	Pre-Engineered Metal Building, complete and in place	Lump Sum	1	37000	\$37,000.00		\$ -	\$ -	\$ 37,000.00
20	Doors, Windows, and Skylights, complete and in place	Lump Sum	1	3100	\$3,100.00		\$ -	\$ -	\$ 3,100.00
21	Walkways, Stairs, Handrails, and Gratings, complete and in place	Lump Sum	1	12600	\$12,600.00		\$ -	\$ -	\$ 12,600.00
22	Plumbing, complete and in place	Lump Sum	1	4100	\$4,100.00		\$ -	\$ -	\$ 4,100.00
23	Heating, Ventilation and Air Conditioning, complete and in place	Lump Sum	1	3200	\$3,200.00		\$ -	\$ -	\$ 3,200.00
24	Interior and Exterior Finishes, complete and in place	Lump Sum	1	6700	\$6,700.00		\$ -	\$ -	\$ 6,700.00
25	Overhead Electric Crane and Portable Davit Crane, complete and in place	Lump Sum	1	80000	\$80,000.00		\$ -	\$ -	\$ 80,000.00
26	Electrical and Motor Control Center, complete and in place	Lump Sum	1	71000	\$71,000.00		\$ -	\$ -	\$ 71,000.00
27	Emergency Generator, complete and in place	Lump Sum	1	25000	\$25,000.00		\$ -	\$ -	\$ 25,000.00
28	60" Axial Flow Propeller Pumps, complete and in place	Lump Sum	1	1973437	\$1,973,437.00		\$ -	\$ -	\$ 1,973,437.00

29	30" Axial Flow Propeller Pumps, complete and in place	Lump Sum	1	456112	\$456,112.00		\$	-	\$	-	\$	456,112.00
30	Right Angle Gear Reducers for 60" Pumps, complete and in place	Lump Sum	1	618139	\$618,139.00		\$	-	\$	-	\$	618,139.00
31	Diesel Fuel Drive Engines for 60" Pumps, complete and in place	Lump Sum	1	953205	\$953,205.00		\$	-	\$	-	\$	953,205.00
32	Electric Drive Motor for 30" Pump, complete and in place	Lump Sum	1	173310	\$173,310.00		\$	-	\$	-	\$	173,310.00
33	Fuel Oil Storage Tanks and Day Tank, complete and in place	Lump Sum	1	37000	\$37,000.00	Relocation of Diesel Fuel Storage Tanks	\$	64,888.00	\$	64,888.00	\$	101,888.00
34	Building Louvers and Ventilators, complete and in place	Lump Sum	1	7500	\$7,500.00		\$	-	\$	-	\$	7,500.00
35	Formed Suction Intake, 60" and 30" Pumps, complete and in place	Lump Sum	1	116000	\$116,000.00		\$	-	\$	-	\$	116,000.00
36	Discharge Piping, 60" and 30" Pumps, complete and in place	Lump Sum	1	227000	\$227,000.00	Diffusers	\$	(32,682.00)	\$	(32,682.00)	\$	194,318.00
37	Bulkheads and Appurtenant Items, complete and in place	Lump Sum	1	12600	\$12,600.00		\$	-	\$	-	\$	12,600.00
38	Trash Racks without Bar Screen Cleaners, complete and in place, complete and in place	Lump Sum	1	32000	\$32,000.00		\$	-	\$	-	\$	32,000.00
39	Electric Submersible Sump Pump, complete and stored on site	Lump Sum	1	12431	\$12,431.00		\$	-	\$	-	\$	12,431.00
40	6" Water Main from and Including Tie-In at Airline Highway to and including 3" Water Meter and 3" Backflow Preventer, complete and in place	Linear Feet	3,000	13	\$39,000.00		\$	-	\$	-	\$	39,000.00
41	Crushed Stone for Base Course for Road and Loading and Parking Areas, complete and in place	Lump Sum	1	6700	\$6,700.00		\$	-	\$	-	\$	6,700.00
42	6' Chain Link Fencing and two-24' Gates with 3-Strand Barbed Wire, complete and in place	Linear Feet	250	20	\$5,000.00		\$	-	\$	-	\$	5,000.00
43	Relocation of Infrastructure	Lump Sum	1	75,000	\$75,000.00		\$	-	\$	-	\$	75,000.00
43	Bar Screen Catenary Cleaners for 60" and 30" Pumps	Lump Sum	1	548,000	\$548,000.00		\$	-	\$	-	\$	548,000.00
					\$7,892,025.00				\$421,294.00		\$8,313,319.00	