CEMVN-CD-LA
MEMORANDUM THRU Domingo Elquzable (AREA ENGINEER)
Phil Brouillette (PROJECT ENGINEER) pb

SUBJECT: Narrative Completion Report, Contract DACW29-98-C-0015
Coastal Wetlands Planning, Protection and Restoration Act,
West Belle Pass Headland Restoration, Federal ProjectNo.FM-215,
State Project No.TE-23, Lafourche Parish, Louisiana

A. SIGNIFICANT DATES / NUMBERS

Contract Award:	11	June	1998
Preconstruction Conference :	10	February	1998
Acknowledge NTP :	10	February	1998
Original Completion Date :	18	October	1998
Revised Completion Date :	20	October	1998
Commencement Date :	13	August	1998
Actual Completion Date :	14	June	1998
Original Contract Amount :	$ 4,834,155.00		
Revised Contract Amount :	$		

B. Prime Contractor: T. L. James & Co. Inc. : Est.% Work 54.2 %

Sub-Contractors : Wilco March Buggies Inc. & C.F. Beam Inc. : Est.% Work 8.80%
Luhr Bros. Inc. : Est.% Work 37.0 %

C. ITEMS OF WORK	EST. QUAN/UNIT	UNIT PRICE	EST. AMOUNT
0001- MOB DE-MOB	LS	600,000.00	600,000.00
0002- RETENTION DIKES CLOSURES CONST.	LS	425,000.00	425,000.00
0003- FORESHORE PROTECTION GULF TO EVANS CANAL			
0003AA- ARMOR STONE (First 28,100 tons)	28,100 TONS	28.35	796,635.00
0003AB- ARMOR STONE (All over 28,100 tons)	7,000 TONS	23.10	161,700.00
0003AC- FLOTATION EXCAVATION	16,400 CY	6.30	103,320.00
0003AD- GEOTEXTILE	36,700 SY	3.68	135,056.00
0004 OPTION -FORESHORE PROTECTION (EVAN'S CANAL TO B/L STA.66+00)			
0004AA-ARMOR STONE (First 8800 tons)	8,800 TONS	31.50	277,200.00

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0004AB-ARMOR STONE (All over 8800 tons)	2,200 TONS	23.10	50,820.00
0004AC- FLOTATION EXCAVATION	4,200 CY	4.20	17,640 00
0004AD-GEOTEXTILE	13,800 SY	3.68	50,784.00
0005 - SETTLEMENT PLATES	LUMP SUM	LS	21,000.00
0006--- WETLAND RESTORATION	2.0 MIL.CY	0.94	1,880,000.00
0007--- OPTION ADDITIONAL WETLAND RESTORATION	0.5 MIL.CY	0 63	315,000 00

D. EQUIPMENT

T. L. James & Co. Inc. (Prime Contractor)

Dredge George D Williams (30") —
Idle Barge # BT 00172
2- skiggit barges # BT-00199 & BT-00757
1-supply and water barge # BT-00168
1-deck barge # BT-00216
1-spud barge #BT-00223
1-anchor barges, # BT-00238 & BT-00239
1-fuel barge, # BT-00773
1-welding barge # BT-00784
1-derrick barge # BT-00857
5- hoist # BT-238, BT-757, BT-239, BT-199, & BT-857
6-Miller-400 welding machines #'s AW-00614, AW-00711, AW-00745, AW-00752, AW-00753, & AW-00773
1-F-250 Ford truck # 1-000339
1-F-150 Ford truck # 1-000439
1-F150 Ford truck # 1-000446
1-F150 Ford truck # 1-451
1- derrick light plant # EL-292
MV Trinity (46' survey boat) 450 hp, w/ Trimble GPS system ,
Odom Echotrac 3200 Fathometer & contractor written survey software
MV J.C.Love, Jr., tender boat
MV Capt. Bussey, tender boat
MV Capt. Jelly, tender boat
MV Southern Nirvana, tender boat
1-16 5' Alumaweld w/50hp Mercury Outboard Motor
1 17' survey skiff w/ 40 hp Mercury Outboard Motor
1-17' lifeboat w/ oars
1-20'x5' survey skiff w/ 50 hp Mercury Outboard Motor
1-20'x5' survey skiff w/75 hp Mercury Outboard Motor

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1-14' Alumaweld w/8 hp Briggs & Stratton Go Devil Engine
1-GPS Trimble T.S.C.I. (survey Equipment)
1- D4 Cat Dozer
1- D5 Cat dozer

Wilco Marsh Buggies INC. (Sub-Contractor)

1- 17.5' air boat w/454 Chevy Engine
1- 18' aluminum skiff w/90 hp Suzuki Outboard
1- Linkbelt 3400 w/standard stick marsh buggy
1- Komatsu 250 w/60' boom marsh buggy
1- Cat 225 w/ 35' boom marsh buggy

C.F. Bean Corporation (Sub-Contractor)

Bucket Dredge Bean #8: 145' X 39' x 8' Barge Coulon
2400 Lima w/120' boom & 6 cy bucket
Bucket Dredge Bean #3: 130' x 39' x 7' Barge Roby
4500 Manitowoc w/120' boom & 6cy bucket

Luhr Bros. Co. Inc

Spud Barge L-1100 w/4600 Manitowoc dragline, 120' boom & 6cy bucket
Spud Barge L-1101 w/88-B Bucyrus Erie dragline, 110' boom & 5cy bucket
Spud Barge L-700 , Office Barge
MV Billie Gene, 850 hp tender boat
MV George B, 450 hp tender boat
MV Mary B, 450 hp tender boat
LB 85, 22' cab type skiff w/ 2/ 90 hp Mercury outboard motors
LB 90, 18' skiff w/ 75 hp Mariner outboard motor
LB 55, 17' skiff w/ 75 hp Mariner outboard motor
Fabric Barge L-406 (90' x 20' x 4')

E. ITEMS OF WORK, START / FINISH / PROGRESS / ETC.

Item 0002 Retention dikes / Closures started on February 15,1998 by sub-contractor Wilco Marsh Buggies. Wilco subbed out the section of retention dike from base line station 115+06.38, East end of Evan's Canal, to approximately 50' from the La. Intrastate Gas 12" P/L at sub base line station 86+01, and closure #1 to the C.F. Bean Corporation. The bucket dredge Bean #8 was mobilized on February 15,1998 to construct the retention dike and closures on the south side of the Evan's Canal and also closure #1 on the West side of the restoration area. The dredge had to make 3 passes along the canal before the required dike height was reached. The dredge was then moved to the closure #4 entrance point and was allowed to dig flotation, working towards closure #1 and constructed a retention dike at this closure. Wilco Marsh Buggies mobilized a 3400 Linkbelt marsh buggy and a 250 Komatsu marsh buggy on February 20,1998 to construct closures #2 , #3 and the remaining section of retention dike starting at sub baseline station 86+01,dredge Bean 8 stopping point, to the sub baseline 136+3.92, which is the south west corner of the retention area. Completed April 3, 1998. The time elapsed from start to finish was 40 days for this item of work.

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Item 0003 Foreshore Protection (Gulf to Evan's Canal)

Item 0003AA, armor stone (first 28,100 tons) started 28, Feb. 1998 completed 25, Mar.1998
Item 0003AB, armor stone (over 28,100 tons) started 25, Mar. 1998: completed 12, April 1998
Item 0003AC, flotation excavation started 23,Feb. 1998: completed 12, April 1998
Item 0003AD, geotextile started 28, Feb. 1998. completed 11, April 1998

The sub-contractor, Luhr Bros. Construction Co. Inc. mobilized on 28, Feb. 1998. The spud barge L-1100 w/ 4600 Manitowoc Dragline was used for digging flotation, and the spud barge L-1101 w/ 88B Bucyrus Erie Dragline was used to place armor stone. The bucket dredge Bean #3, which was also used to dig flotation, was mobilized on 04, Mar. 1998 as a sub-sub for Luhr Bros.. Construction was started at closure #5, digging flotation with the L-1100 spud barge from approximately mid point of the closure working north to the Evan's Canal and the dredge Bean #3 started digging flotation at the Evan's Canal working south The fabric crew started placing the bottom layer geotextile from the jetty tie-in point working north followed by the L-1101 spud barge, which tacked the geotextile in place. The bottom layer was placed a certain distance, which varied from day to day, and the spud barge L-1101 and the fabric crew would set back to the bottom layer starting point and the separator geotextile would be placed in the same fashion. This procedure was used on a daily basis, continually placing geotextile and stone, to the completion of item 0003. The contractor started the Evan's Canal Weir on March 11,1998 and completed weir the following day. The weir was constructed using the spud barge L-1101 w/ 88- B Bucyrus Erie dragline. The geotextile was placed on the weir using 2 skiffs and laborers positioned on each side of the weir, pulling the geotextile across with ropes. The 88-B dragline then tacked the geotextile and continued to complete weir construction. The time elapsed from start to finish for this item of work was 49 days.

Item 0004 OPTION- Foreshore Protection (Evan's Canal to B/L Sta. 66+00)

Item 0004 was started on March 25, 1998 and completed April 16, 1998 using the same equipment and method of operation as used for item 0003. The time elapsed from start to finish for this item of work was 23 days.

Item 0005 Settlement Plates

Settlement Plates were placed at an interval of 500' within the foreshore protection area and also at each end of closures # 4 &5 as directed by the contract. Started March 1, 1998 and completed April 9, 1998.

Item 0006 Wetland Restoration

Wetland restoration began on May 12, 1998 using the 30" dredge " George D Williams 11. The required reach from station 235+00 to station 280+00 was dredged to elevation of -27 MLG as directed by the contract specifications. The other areas dredged under this contract were from station 214+20 to station 202+75, station 193+10 to station 151+45 and also from station 92+65 to station 76+85. A total of 1,271,436 cys. (1,231,409 credited) of dredged material was pumped inside the restoration area raising the areas indicated by hatch marks on the contract drawings to an elevation of at least 2.75 MLG. The contractor also pumped 255,000 cys. (228,000 credited) of dredged material onto the beach to restore the area just west of the rock jetties at approximate station 240+00. All dredging was completed on June 13,1998. Total effective dredging time was 472 hrs. and 50 min.; total non-effective dredging time was 319 hrs. and 10 min. A total dredging time elapsed was 33 days.

hydraulic

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F. MODIFICATIONS

1. A00001: Change the design and location of the foreshore dikes and closures 4 &5; allow excavation in the open water areas of the wetland restoration area
2. P00002: Additional wage determinations
3. P00003: Option for increased quantity; line item 0004
4. A00002: Changes made to the subject contract to remove the restriction of the location of the spillboxes.
5. A00003: Modification due to unusually severe weather from 15 February 1998 through 31 March 1998, extended 2 calendar days.

G. CLAIMS

None as of this date. Variations in estimated quantities for wetland restoration are being computed; it Appears that the under-run will be more than 15%.

H. SAFETY

The contractor's overall Accident Prevention Plan was satisfactory. There were no lost time accidents on this contract. The contractor held weekly safety meetings and made daily safety checks for all aspects of the job. A total of 28,288 man hours were worked on this contract.

I. MATERIAL SUPPLIERS

Carthage Mills, FX-30/40, geotextile
Amoco Fabrics and Fibers Company, 1198, geotextile
Tower Rock Stone, STE Genevieve, Missouri, Armor Stone

J. SUGGESTIONS FOR IMPROVEMENTS TO FUTURE PLANS / SPEC'S / D'GS

K. EEO GOALS / MINORITY SUBCONTRACTS / LOCAL HIRE CONTRACTS

The contractor met EEO goals as required.

Joseph A. Cormier
Construction Representative

CF: CEMVN-ED-C
CEMVN-PA
CEMVN-CT
CEMVN-ED-CC
CEMVN-CD-QM

Payment Estimate-Contract Performance

Contract # DACW29-98-C-0015
Contractor and Address:

T.L.James & Co., Inc.
P.O. Box 20116
New Orleans, Louisiana 70141-0116

Project: Coastal Wetlands Planning, Protection & Restoration Act
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Lafourche Parish, Louisiana

Period Covered: 17 Jul 98 thru 17 Jul 98

Estimate: 9th Final

Item No.	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount	Quantity This Month	Earnings This Month	Previous Quantity To Date	Quantity To Date	Earnings To Date
1	Mobilization/Demobilization	Lump Sum	LS	$600,000.00	$600,000.00	0.0%	$0.00	100%	100%	$600,000.00
2	Retention Dikes/Closures Construction	Lump Sum	LS	$425,000.00	$425,000.00	0%	$0.00	100%	100%	$425,000.00
3	Foreshore Protection Gulf to Evan's Canal									
3AA	Armor Stone (First 28,100 Tons)	28,100	Tn	$28.35	$796,635.00	0	$0.00	28,100	28100	$796,635.00
3AB	Armor Stone (All over 28,100 Tons)	7,000	Tn	$23.10	$161,700.00	0	$0.00	12,216	12216	$282,189.60
3AC	Earthen Core Foreshore Protection	16,400	CY	$0.00	$0.00	0	$0.00	0	0	$0.00
3AD	Geotextile	36,700	SY	$3.68	$135,056.00	0	$0.00	53,139	53139	$195,551.52
4	OPTION-Foreshore Protection (Evan's Canal to B/L Sta. 66+00)									
4AA	Armor Stone (First 8,800 Tons)	8,800	Tn	$31.50	$277,200.00	0	$0.00	8,800	8800	$277,200.00
4AB	Armor Stone (All over 8,800 Tons)	2,200	Tn	$23.10	$50,820.00	0	$0.00	1,239	1239	$28,620.90
4AC	Earthen Core Foreshore Protection	4,200	CY	$0.00	$0.00	0	$0.00	0	0	$0.00
4AD	Geotextile	13,800	SY	$3.68	$50,784.00	0	$0.00	18,271	18271	$67,237.28
5	Settlement Plates	Lump Sum	LS	$21,000.00	$21,000.00	0%	$0.00	100%	100%	$21,000.00
6	Wetland Restoration	2,000,000	CY	$0.94	$1,880,000.00	0	$0.00	1,491,856	1,491,856	$1,402,344.64
7	OPTION-Additional Wetland Restoration	500,000	CY	$0.63	$315,000.00	0	$0.00	0	0	$0.00
8	Lump Sum Adjustment For Revised Foreshore Dike Design And Closure #4 and #5 Including Access To Closure #1 (CIN 01)	Lump Sum	LS	$120,960.00	$120,960.00	0%	$0.00	100%	100%	$120,960.00
				Totals	$4,834,155.00		**$0.00**			**$4,216,738.94**