

A0003560

CELMN-CD-NO-Q

30 Aug 95

MEMORANDUM THRU C/Const Div

ATTN: Const Mgmt Sec

FOR C/Contr Div

ATTN: Const Svc Sec (Contract File)

SUBJECT: Contract No. DACW29-94-C-0003, Lake Pontchartrain and Vicinity, High Level Plan, London Avenue Outfall Canal, Pumping Station No. 3 to Mirabeau Avenue Floodwall, Orleans Parish, Louisiana

Enclosed for inclusion in the contract file is backup data in support of the final quantities listed below for unit price items on subject contract:

- a. Item 0009. Piling Steel Sheet, Type PZ22

SYRO SPZ-22
WERE USED IN
Lieu of PZ22
#

These pilings were driven from Station 0+82.11 E. B/L to Station 12+85.64 E. B/L, Station 14+52.55 E. B/L to Station 68+77.80 E. B/L, and from Station 1+62.55 W. B/L to Station 12+55.16 W. B/L, Station 14+24.80 W. B/L to Station 69+09.38 W. B/L.

- (1) Station 0+82.11 E. B/L to 0+85.43 E. B/L
Area= 2 pc. x 2.0 ft. width x 24.1 ft length=96.4 SF
- (2) Station 0+87.65 E. B/L to 1+19.79 E. B/L
Area= 20 pc. x 2.0 ft. width x 21.5 ft length=860 SF
- (3) Station 1+21.44 E. B/L to 1+23.30 E. B/L
Area= 1 pc. x 2.0 ft. width x 22.5 ft. length=45.0 SF
- (4) Station 1+24.44 E. B/L to 1+46.88 E. B/L
Area= 15 pc. x 2.0 ft. width x 22.5 ft. length=675 SF
- (5) Station 1+47.68 E. B/L to 6+17.00 E. B/L
Area= 235 pc. x 2.0 ft. width x 22.5 ft.
length=10,575.0 SF

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(6) Station 6+17.00 E. B/L to 12+85.64 E. B/L

Area= 335 pc. x 2.0 ft. width x 22.0 ft.
length=14,740.0 SF

(7) Station 14+52.55 E. B/L to 20+70.67 E. B/L

Area= 309 pc. x 2.0 ft. width x 22.0 ft.
length=13,596.0 SF

(8) Station 20+70.67 E. B/L to 21+02.00 E. B/L

Area= 15 pc. x 2.0 ft. width x 22.5 ft. length=675.0 SF

(9) Station 21+02.00 E. B/L to 37+00.00 E. B/L

Area= 799 pc. x 2.0 ft. width x 18.5 ft.
length=29,563.0 SF

(10) Station 37+00 E. B/L to 59+00.74 E. B/L

Area= 1101 pc. x 2.0 ft. width x 24.5 ft.
length=53,949 SF

(11) Station 59+00.74 E. B/L to 68+77.8 E. B/L

Area= 488 pc. x 2.0 ft. width x 26.3 ft. length=
25,668.8 SF

East Subtotal 150,443.20 SF

(12) Station 1+62.55 W. B/L to 1+84.97 W. B/L

Area= 11 pc. x 2.0 ft. width x 18.1 ft.
length=398.2 SF

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- (13) Station 1+92.61 W. B/L to 2+32.61 W. B/L
Area+ 20 pc. x 2.0 ft. width x 21.6 ft.
length=864.0 SF
- (14) Station 2+37.45 W. B/L to 6+69.33 W. B/L
Area= 217 pc. X 2.0 ft. width x 22.5 ft.
length=9,765.0 SF
- (15) Station 6+69.33 W. B/L to 12+55.16 W. B/L
Area= 293 pc. x 2.0 ft. width x 22.0 ft.
length=12,892.0 SF
- (16) Station 14+23.82 W. B/L to 17+95.82 W. B/L
Area= 186 pc. x 2.0 ft. width x 22.0 ft.
length=8,184.0 SF
- (17) Station 17+95.82 W. B/L to 20+70.67 W. B/L
Area=138 pc. x 2.0 ft. width x 22.5 ft. length=
6,210.0 SF
- (18) Station 20+70.67 W. B/L to 21+00.67 W. B/L
Area= 15 pc. x 2.0 ft. width x 23.0 ft. length=690 SF
- (19) Station 21+00.67 W. B/L to 59+01.18 W. B/L
Area= 1900 pc. x 2.0 ft. width x 19.0 ft.
length=72,200 SF
- (20) Station 59+01.18 W. B/L to 69+09.38 W. B/L
Area= 505 pc. x 2.0 ft. width x 22.0 ft.
length=22,220 SF

West Subtotal 133,423.20 SF

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TOTAL AREA FURNISHED: 283,866.40 SF
ESTIMATED AREA: 273,573.0 SF

b. Item 0010. Piling, Steel Sheet, Type PSA-23

These pilings were special fabricated sections, tees, and corners driven at the following locations.

(1) Station 1+84.97 W. B/L to 1+92.61 W. B/L

Area= 1 pc. x 2 ft. width x 18.1 ft. length=36.2 SF
1 pc. x 3.51 ft. width x 29.4 ft. length=103.19 SF
1 pc. x 2 ft. width x 21.6 ft. length=43.2 SF

(2) Station 2+32.61 W. B/L to 2+37.45 W. B/L

Area= 1 pc. x 2 ft. width x 21.6 ft. length=43.2 SF
1 pc. x 3.26 ft. width x 21.6 ft. length=70.42 SF

(3) Station 12+55.16 W. B/L to 12+58.28 W. B/L

Area= 1 pc. x 2.24 ft. width x 22.0 ft. length=49.28 SF

(4) Station 14+22.65 W. B/L to 14+23.82 W. B/L

Area= 1 pc. x 1.17 ft. width x 22.0 ft. length=25.74 SF

(5) Station 69+07.18 W. B/L to 69+10 W. B/L

Area= 1 pc. x 2 ft. width x 22.0 ft. length=44.0 SF
1 pc. x .88ft. width x 22.0 ft. length=19.36 SF

West Subtotal 434.59 SF

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- (6) Station 0+85.43 E. B/L to 0+87.65 E. B/L
Area= 1 pc. x 1.6 ft. width x 29.4 ft. length=
47.04 SF
1 pc. x 2.0 ft. width x 21.5 ft. length=43.0
SF
- (7) Station 1+19.79 E. B/L to 1+21.44 E. B/L
Area= 1 pc. x 2.0 ft. width x 22.5 ft. length=45.0SF
- (8) Station 1+23.30 E. B/L to 1+24.44 E. B/L
Area= 1 pc. x 1.6 ft. width x 21.6 ft. length=34.56 SF
- (9) Station 1+46.88 E. B/L to 1+47.68 E. B/L
Area= 1 pc. x 2.0 ft. width x 22.5 ft. length=45.0 SF
- (10) Station 12+85.64 E. B/L to 12+87.88 E. B/L
Area= 1 pc. x 2.24 ft. width x 22.0 ft.
length=49.28SF
- (11) Station 14+51.28 E. B/L to 14+52.55 E. B/L
Area= 1 pc. x 1.27 ft. width x 22.0 ft. length=27.94
SF
- (12) Station 68+74.74 E. B/L to 68+77.8 E. B/L
Area= 1 pc. x 3.79 ft. width x 26.3 ft. length=99.68
SF
1 pc. x .92 ft. width x 26.3 ft. length=24.2 SF
- EAST SUBTOTAL 415.7 SF

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TOTAL AREA FURNISHED: 850.29 SF

ESTIMATED AREA: 1,110 SF

c. Item 0011. Furnish and Deliver Piles (Steel H-Piles)

These pilings were furnished for driving at the east and west floodgates. Attached are test reports on these piling.

TOTAL LINEAR FEET FURNISHED: 2,016LF

ESTIMATED LINEAR FEET: 2,020LF

d. Item 0012. Driving Piles (Steel H-Piles)

These pilings were driven from Station 1+86.97 W. B/L to 2+37.45 W. B/L and Station 0+89.96 E. B/L to 1+19.79 E. B/L at the two floodgates. The pile driving records for each pile are attached.

Number of Piles	Length of Pile	Linear Feet
Sta. 1+86.97 W. B/L to 2+37.45 W. B/L		
16	63ft.	1,008 LF
Sta. 0+89.96 E. B/L to 1+19.79 E. B/L		
16	63ft.	1,008 LF

TOTAL LINEAR FEET DRIVEN: 2,016 LF

ESTIMATED LINEAR FEET: 2,020 LF

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e. Item 0022. Erosion Control

Erosion Control was placed at the following locations.

(1) Station 69+10 W. B/L to 47+25 W. B/L

2,185 LF

(2) Station 28+10 W. B/L to 17+50 W. B/L

1,060 LF

(3) Station 12+58 W. B/L to 2+30 W. B/L

1,028 LF

(4) Station 68+78 E. B/L to 14+50 E. B/L

5,428 LF

(5) Station 12+88 E. B/L to 8+49 E. B/L

439 LF

(6) Station 2+20 E. B/L to 1+19 E. B/L

101 LF

TOTAL LINEAR FEET FURNISHED: 10,241LF

ESTIMATED LINEAR FEET= (AA) 13,900 LF

(BB) 1,450 LF

Atch

CHESTER ASHLEY
Area Engineer
New Orleans Area Office

CF:

Proj Engr (Boudreaux)

Ofc Engr (Urban)

CELMN-ED-DE

tm *Guizerix* *TGA*