

ATTACHMENT A

EMERGENCY CHANGE ORDER COST ESTIMATES

The following Direct Cost Reports are rough estimates provided by the contractor for the following activities:

1. Emergency winterization activities to build up the levee (January 2023)
2. Removal of the sand material (Spring 2023)

It is important to note that these cost estimates do not include any contractor mark-up.

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 9000										
Description =	Placing Stockpile Material		Land Item Unit =	SCHEDULE: 1	100					
				CY	Takeoff Quan:		10,000.000	Engr Quan:		10,000.000
=====> Item Totals: 9000 - Placing Stockpile Material										
\$431,025.93	0.1800 MH/CY	1,800.00 MH		[10.704]	193,224		28,350	209,452		431,026
43.103	10000 CY				19.32		2.84	20.95		43.10
\$431,025.93	*** Report Totals ***	1,800.00 MH			193,224		28,350	209,452		431,026

>>> 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 NOTES

Estimate created on: 01/11/2019 by User#: 0 - Sean L. Rhodes
 Source estimate used: C:\HEAVYBID\EST\ESTMAST
 Labor Setup copied from: C:\Master Templates
 Equipment Setup copied from: C:\Master Templates
 Crew Setup copied from: C:\HEAVYBID\EST\917-008
 Material/Other Resources Setup copied from: C:\HEAVYBID\EST\917-008
 Overtime Rules Setup copied from: C:\HEAVYBID\EST\1-BRIDGE

*****Estimate created on: 10/07/2021 by User#: 1 - Sean Rhodes
 Source estimate used: J:\HEAVYBID\EST\920-OCMAS-2

*****Estimate created on: 02/10/2022 by User#: 1 - Sean Rhodes
 Source estimate used: J:\HEAVYBID\EST\OCS_MASTER3

*****Estimate created on: 05/25/2022 by User#: 9 - Spencer Gil
 Source estimate used: J:\HEAVYBID\EST\OCS_MASTER4

*****Estimate created on: 01/02/2023 by User#: 9 - Spencer Gil
 Source estimate used: J:\HEAVYBID\EST\922-026

* 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 EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

- 508 5 days/week - 08 hrs/day
- 509 5 days/week - 09 hrs/day
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- 711 7 days/week - 11 hrs/day
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COST ESTIMATE FOR REMOVAL OF SAND MATERIAL (SPRING 2023)

Odin Construction Solutions
 922-026-01 Knights Landing Site 9 & 10 Haul CFO
 Spencer Gil

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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 = 9010 Land Item SCHEDULE: 1 100
 Description = Removing Emergency Levee Material Unit = CY Takeoff Quan: 10,000.000 Engr Quan: 10,000.000

9010.1 Earthwork Equipment - Mobilization \ Dem **Quan: 1.00 JOB Hrs/Shft: 10.00 Cal: 610 WC: NONE** **Unreviewed

FALL BUILD-UP

 Comp. - CAT 563 - 84 in S.D.-----\$500 x2 (\$1,000)
 Dozer - CAT D6N XL -----\$750 x2 (\$1,500)
 Excavator - CAT 330 -----\$750
 CAT 725 - Haul Truck -----\$750 x5 (\$3,750)
 Motorgrader-----\$750

 Subtotal \$7,750
 Spring Tear-Down

 Dozer - CAT D6N XL -----\$750 x2 (\$1,500)
 Excavator - CAT 336 -----\$750
 CAT 725 - Haul Truck -----\$750 x5 (\$3,750)
 Motorgrader-----\$750

 One-Way \$6,750 x2 = 13,500

Total: \$21,250
 5TRU1.1 Trucking - Each Way 1.00 1.00 LS 13,500.000 13,500 13,500

9010.2 Levee Excavation **Quan: 10,000.00 CY Hrs/Shft: 10.00 Cal: 610 WC: NONE** **Unreviewed

Item	Description	Unit	Quantity	Unit	Prod	Hrs/Shft	Lab Pcs	Eqp Pcs	Total
EAR03	Levee Degrade	CH	50.00		5.0000	S	3.00	3.00	3.00
8R0080	GPS - Blade/Dozer Cont	HR	50.00		20.682		1,116		1,116
8RD015	Dozer - CAT D6N XL	HR	50.00		81.090		4,287		4,287
8RE030	Excavator - CAT 336	HR	50.00		137.680		7,253		7,253
C118OP3	OP3 - Dozer Operator	MH	50.00		53.710	6,158			6,158
C120OP3	OP3 - Excavator OP Upto 3	MH	50.00		53.710	6,158			6,158
C136OP4	OP4 - Gradesetter	MH	50.00		52.330	6,058			6,058
\$31,029.98	0.0150 MH/CY	MH	150.00		[0.945]	18,373	12,656		31,030

9010.3 Haul to Stockpile **Quan: 10,000.00 CY Hrs/Shft: 10.00 Cal: 610 WC: NONE** **Unreviewed

30 min rounds
 1,200 CY per day
 20 CY per load

Item	Description	Unit	Quantity	Unit	Prod	Hrs/Shft	Lab Pcs	Eqp Pcs	Total
EAR011	C&G - Dozer Only	CH	50.00		5.0000	S	6.00	6.00	6.00
8RD015	Dozer - CAT D6N XL	HR	50.00		81.090		4,287		4,287
8RH005	Haul Truck - CAT 725	HR	250.00		225.535		60,512		60,512
C118OP3	OP3 - Dozer Operator	MH	50.00		53.710	6,158			6,158
C176OP8	OP8A - Articulated Truck O	MH	250.00		45.250	27,732			27,732
\$98,688.82	0.0300 MH/CY	MH	300.00		[1.656]	33,889	64,799		98,689

9010.9 On-Site Management **Quan: 1.00 LS Hrs/Shft: 12.00 Cal: 512 WC: NONE** **Unreviewed

Item	Description	Unit	Quantity	Unit	Prod	Hrs/Shft	Lab Pcs	Eqp Pcs	Total
IND015	Indirects - Site Management	CH	60.00		5.0000	S	4.00	5.00	5.00
8R0075	GPS - Base Station & R	HR	60.00		20.682		1,339		1,339
8Z0120	Ford F-150 Pickup Truc	HR	180.00		16.016		2,883		2,883
8Z0140	Ford Explorer - H&S	HR	60.00		12.480		749		749
9MIS005	Cell Phone Allowance	MO	4.00		75.000		300		300
A120PM	.Project Manager - JV	MH	60.00		72.115	3,879			3,879
A125S	.Superintendent - Earthwork	MH	60.00		72.115	3,990			3,990
B110HSO	.H&S Officer	MH	60.00		43.269	2,543			2,543

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub-Contract	Total
BID ITEM = 9010										
Description =	Removing Emergency Levee Material		Land Item Unit =	SCHEDULE: 1 100	Takeoff Quan:		10,000.000	Engr Quan:	10,000.000	
C202GA2	Construction Intern	1.00	60.00 MH	25.000	2,651					2,651
\$18,333.83	240.0000 MH/LS		240.00 MH	[9375.37]	13,063		300	4,970		18,334
=====> Item Totals: 9010 - Removing Emergency Levee Material										
\$161,552.63	0.0690 MH/CY		690.00 MH	[3.539]	65,326		13,800	82,426		161,553
16.155	10000 CY				6.53		1.38	8.24		16.16
\$161,552.63	*** Report Totals ***		690.00 MH		65,326		13,800	82,426		161,553

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