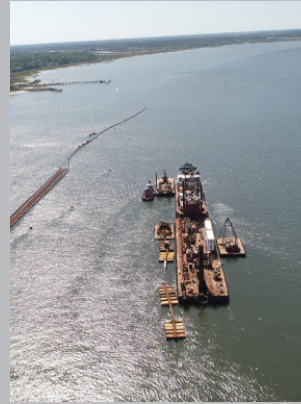


CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

BID SUBMITTAL
BAFO

SUBMITTED BY:

**GREAT LAKES DREDGE AND DOCK COMPANY, LLC
JUNE 14, 2024**



BID PROPOSAL



Proposal of ^{GREAT LAKES DREDGE} & DOCK COMPANY, LLC (hereinafter called "Bidder"), ^{a LIMITED LIABILITY COMPANY} ~~a corporation~~, organized and existing under the Laws of the State of DELAWARE, a partnership, or an individual, to the Captiva Erosion Prevention District, Florida (hereinafter called "DISTRICT").

Captiva Erosion Prevention District:

The bidder, in compliance with your "Invitation to Bid" for the "CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT," having examined the Information for Bidders, General Conditions, Technical Provisions, Plans, Contract and any amendments to the above and the site of the proposed Work, and being familiar with all the conditions surrounding the construction of the proposed project including the availability of materials and labor for the project, hereby propose to furnish all labor, plant, equipment, supplies and material, and to construct items of the project for which a bid price is indicated in accordance with the Contract Documents, within the time set forth therein, and at the prices stated below. **These prices are to cover all expenses, including overhead and profit, incurred in performing the Work required for each item bid under the Contract Documents, of which this proposal is a part.**

Enclosed is a Bid Bond in the amount of five percent (5%) of the total bid price. It is understood that upon award, this firm will execute and enter into contract with surety within seven (7) days of receipt of "Notice of Award" or this Bid Bond will be forfeited, not as a penalty but as liquidated damages for the cost and expense incurred should this firm fail to timely submit satisfactory surety or fail to comply with any other requirements of the Contract Documents. It is understood that if this firm is not awarded the contract, the Bid Bond will be returned.

The Bidder, if awarded a contract, hereby agrees to mobilize and commence operations under this contract between October 1, 2024, and May 1, 2025, dependent upon construction window selected. The Bidder also agrees that upon commencement of dredging, the Work shall be continuous and completed, accepted, and ready for use.

The CONTRACTOR will bear any costs, including mobilization and demobilization costs, arising from failure to complete the dredging prior to the contract deadline.

The Bidder agrees that damages to the DISTRICT for failure to timely complete the Work are not readily ascertainable. Therefore, bidder agrees that in the event it does not complete 95% of the dredging volume within the contract deadline, the DISTRICT may deduct from its final payment \$3000 for every day past the deadline until completion of Work, subject to Paragraph 32.6 and 33, of the General Conditions.

Bidders are required to acknowledge receipt of all amendments on the Bid Form in the space provided. Failure to acknowledge all amendments in writing may result in rejection of the bid.

Bidder acknowledges receipt of the following addendum:

Addendum No. 1 Dated: 4/3/24

Addendum No. 2 Dated: 4/9/24

Addendum No. 3 Dated: 5/31/2024

Addendum No. Dated:

Bidder agrees to perform all the Work in the manner and time prescribed in the Contract Documents for the prices set forth below (including overhead and profit) except as otherwise provided in Paragraph 11 of the General Conditions ("Changes in the Work"):

**BID ALTERNATIVE A – CONSTRUCTION WINDOW
CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT
Schedule of Bid Items**

BID FORM				
	No.	Units	Unit Price	Subtotal
Captiva Island				
A. Mobilization/Demobilization	1	LS	\$12,500,000.00	\$12,500,000.00
B. Beach Tilling and Scarp Leveling	25,700	LF	\$1.50	\$38,550.00
C. Turbidity Monitoring	1	LS	\$100,000.00	\$100,000.00
D. Dredging and Placement of Beach and Dune Fill	800,000	CY	\$20.75	\$16,600,000.00
E. Relocation Trawling Mobilization	1	LS	\$28,500.00	\$28,500.00
F. Sea Turtle Relocation Trawling	8	Days	\$5,000.00	\$40,000.00
G. Project Site Layout and Data Collection	1	LS	\$160,000.00	\$160,000.00
H. Sea Oat Planting	800,000	EA	\$1.00	\$800,000.00
I. Screening to Remove Unacceptable Material ¹	6,000	CY	\$20.00	\$120,000.00
J. Hauling and Removal of Unacceptable Material ¹	600	CY	\$100.00	\$60,000.00
K. Remediation of Non-Compliant Material ¹	1	AC	\$25,000.00	\$25,000.00
Grand Total			\$ 30,472,050.00	
Grand Total in Words: Thirty Million Four Hundred Seventy-Two Thousand Fifty Dollars				

Note: ¹ Remediation, screening, hauling and removal of unacceptable are included as optional items of the Contract to be utilized per the specifications and only at the request of the DISTRICT.

**BID ALTERNATIVE B –CONSTRUCTION WINDOW
CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT
Schedule of Bid Items**

BID FORM				
	No.	Units	Unit Price	Subtotal
Captiva Island				
A. Mobilization/Demobilization	1	LS	NO BID	NO BID
B. Beach Tilling and Scarp Leveling	25,700	LF	NO BID	NO BID
C. Turbidity Monitoring	1	LS	NO BID	NO BID
D. Dredging and Placement of Beach and Dune Fill	800,000	CY	NO BID	NO BID
E. Relocation Trawling Mobilization	1	LS	NO BID	NO BID
F. Sea Turtle Relocation Trawling	8	Days	NO BID	NO BID
G. Project Site Layout and Data Collection	1	LS	NO BID	NO BID
H. Sea Oat Planting	800,000	EA	NO BID	NO BID
I. Screening to Remove Unacceptable Material ¹	6,000	CY	NO BID	NO BID
J. Hauling and Removal of Unacceptable Material ¹	600	CY	NO BID	NO BID
K. Remediation of Non-Compliant Material ¹	1	AC	NO BID	NO BID
Grand Total			\$ NO BID	
Grand Total in Words: NO BID				

Note: ¹ Remediation, screening, hauling and removal of unacceptable are included as optional items of the Contract to be utilized per the specifications and only at the request of the DISTRICT.

**BID ALTERNATIVE C – CONSTRUCTION WINDOW
CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT
Schedule of Bid Items**

BID FORM				
	No.	Units	Unit Price	Subtotal
Captiva Island				
A. Mobilization/Demobilization	1	LS	\$10,000,000.00	\$10,000,000.00
B. Beach Tilling and Scarp Leveling	25,700	LF	\$1.50	\$38,550.00
C. Turbidity Monitoring	1	LS	\$90,000.00	\$90,000.00
D. Dredging and Placement of Beach and Dune Fill	800,000	CY	\$19.15	\$15,320,000.00
E. Relocation Trawling Mobilization	1	LS	\$28,500.00	\$28,500.00
F. Sea Turtle Relocation Trawling	8	Days	\$5,000.00	\$40,000.00
G. Project Site Layout and Data Collection	1	LS	\$150,000.00	\$150,000.00
H. Sea Oat Planting	800,000	EA	\$1.00	\$800,000.00
I. Screening to Remove Unacceptable Material ¹	6,000	CY	\$20.00	\$120,000.00
J. Hauling and Removal of Unacceptable Material ¹	600	CY	\$100.00	\$60,000.00
K. Remediation of Non-Compliant Material ¹	1	AC	\$25,000.00	\$25,000.00
Grand Total			\$ 26,672,050.00	
Grand Total in Words: Twenty-Six Million Six Hundred Seventy-Two Thousand Fifty Dollars				

Note: ¹ Remediation, screening, hauling and removal of unacceptable are included as optional items of the Contract to be utilized per the specifications and only at the request of the DISTRICT.

The Bidder attests to their responsibility and capability for the execution of the work set forth in the Contract Documents; also to the responsibility and capability of any subcontractors to satisfy the requirements of the Contract Documents.

The undersigned bidder understands that the quantities of work as shown herein are approximate only and are subject to increase or decrease and offers to do the work whether increased or decreased, at the unit prices stated above, subject to the General Conditions.

Bidder understands that the DISTRICT reserves the right to reject any or all bids; to waive any technicalities, irregularities, and to award the contract to the responsible bidder whose bid the DISTRICT determines to be in its best interest.


Bidder agrees that this bid shall be good and may not be withdrawn for a period of sixty (60) calendar days after the scheduled closing time for receiving bids.

The bid security attached in the sum of One Million Five Hundred Twenty-Five Thousand Dollars
(\$ 1,525,000.00)

is to become the property of the DISTRICT in the event the Contract is not executed within the time above set forth, or in the event the Performance and Payment Bond is not properly executed and delivered as specified in the Information for Bidders, as liquidated damages for the delay and additional expense to the DISTRICT caused thereby.

Respectfully submitted,

GREAT LAKES DREDGE & DOCK COMPANY, LLC
(Corporation, Partnership or Individual)

By: 
(Signature)


LYNN NIETFELD, SR. VICE PRESIDENT
(Name and Title)

10151 DEERWOOD PARK BLVD., BLDG 300, SUITE 115
(Business address)

JACKSONVILLE, FL 32256
(City, State, zip code)

14 day of June, 2024
(Date)



 LIMITED LIABILITY COMPANY
(Seal) - if bid is by a corporation.



GREAT LAKES DREDGE & DOCK COMPANY, LLC

9811 Katy Freeway
Suite 1200
Houston, Texas 77024

SECRETARY'S CERTIFICATE

I, Cheryle A. Stone, **DO HEREBY CERTIFY** that I am the duly elected, qualified and acting Secretary of Great Lakes Dredge & Dock Company, LLC, a Delaware limited liability company (the "Company"), located at 1 Parkview Plaza, Suite 800, Oakbrook Terrace, IL 60181 and in such capacity:

I FURTHER CERTIFY that pursuant to the resolutions duly adopted by the Board of Managers of the Company on September 16, 2015, the Company's duly elected Officers are authorized to sign domestic dredging contract bids, estimates, contracts, contract modifications, payment estimates, payment invoices, final invoices releases and all other agreements, instruments, documents or other forms necessary to secure, perform and finalize contracts and contract modifications (collectively the "Contract Documents"), relating to any domestic dredging project that has been reviewed and approved by the Chief Executive Officer, President – Dredging, Chief Operating Officer – Dredging, Executive Vice President, and/or a Senior Vice President;

I FURTHER CERTIFY that the aforementioned duly elected Officers of the Company shall have the authority to execute the *Contract Documents* in the name of and on behalf of the Company, together with all bonds and other obligations necessary to secure the performance thereto, and when so executed the same shall be in full force and effect, and binding upon the Company;

I FURTHER CERTIFY that for the purposes of the foregoing resolutions, the term "*Officers*" shall mean and include, as applicable, the Chief Executive Officer, Chief Operating Officer – Dredging, President – Dredging, Executive Vice President, any Senior Vice President, and any Vice President; and

I FURTHER CERTIFY that such resolutions have not been amended, modified, revoked or rescinded since their adoption to, and including the date hereof, and are now still in full force and effect.

IN WITNESS WHEREOF, the undersigned has executed this Secretary's Certificate on this 10 day of APRIL, 2024.

GREAT LAKES DREDGE & DOCK COMPANY, LLC (a Limited Liability Company organized under the Laws of the State of Delaware)

By: Cheryle A. Stone
Name: Cheryle A. Stone
Title: Secretary

State of Illinois)
County of DuPage)

Signed and sworn or affirmed to before me on APRIL 10, 2024 by Cheryle A. Stone as a duly elected officer of Great Lakes Dredge & Dock Company, LLC.

[Seal]:

Lilia Parrales Wichert

Signature of Notary Public





**GREAT LAKES DREDGE
& DOCK COMPANY, LLC**

9811 Katy Freeway
Suite 1200
Houston, Texas 77024

AFFIDAVIT

STATE OF ILLINOIS)
COUNTY OF DUPAGE)

Cheryle A. Stone (“Affiant”), in her capacity as Secretary of Great Lakes Dredge & Dock Company, LLC, a limited liability company organized and existing under the laws of the State of Delaware (the “Company”), and located at 1 Parkview Plaza, Suite 800, Oakbrook Terrace, IL 60181, makes this statement upon oath, and that the facts and information set forth herein are true and correct to the best of her knowledge, further deposes and says:

1. It is affirmed that the names and addresses of the affiliates of the Company are:

	<u>Name</u>	<u>Addresses</u>
A.	Great Lakes Dredge & Dock Corporation	9811 Katy Freeway - Suite 1200 Houston, TX 77024
B.	NASDI Holdings, LLC	9811 Katy Freeway - Suite 1200 Houston, TX 77024
C.	Terra Contracting Services, LLC	9811 Katy Freeway - Suite 1200 Houston, TX 77024
D.	Great Lakes Environmental & Infrastructure Solutions, LLC	9811 Katy Freeway - Suite 1200 Houston, TX 77024
E.	Great Lakes U.S. Fleet Management, LLC	9811 Katy Freeway - Suite 1200 Houston, TX 77024
F.	Terra Fluid Management, LLC	9811 Katy Freeway - Suite 1200 Houston, TX 77024
G.	Drews Services LLC	9811 Katy Freeway - Suite 1200 Houston, TX 77024
H.	Great Lakes Dredge & Dock do Brasil Ltda.	c/o Rua Lauro Muller Attn: Ronaldo Francisco dos Santos 116, Sala 503, Parte, Botafogo Rio de Janeiro, RJ, CEP: 22290-160 Brazil

I. Great Lakes Dredge & Dock
(Bahamas) Ltd.

c/o Cafferata Corporate Services
P.O. Box F-42614
Freeport, Grand Bahama Island
Bahamas

J. Great Lakes Dredge & Dock (UK)
Limited

First Floor
Templeback 10 Temple Back
Bristol BS1 6FL
United Kingdom

2. It is affirmed that the affiliates listed above, including the Company, are considered subsidiaries of Great Lakes Dredge & Dock Corporation (listed as Item A), as the parent/ultimate holding company of the affiliates listed as Items B through J, including the Company.

Dated: APRIL 10, 2024

GREAT LAKES DREDGE & DOCK COMPANY, LLC

By: Cheryle A. Stone
Name: Cheryle A. Stone
Title: Secretary

State of Illinois)
County of DuPage)

Signed and sworn or affirmed to before me on APRIL 10, 2024 by Cheryle A. Stone as a duly elected officer of Great Lakes Dredge & Dock Company, LLC.

[Seal]:

Lilia Parrales Wichert
Signature of Notary Public





Insurance | Risk Management | Consulting

2850 Golf Road
Rolling Meadows, IL 60008-4050
USA

630.773.3800
www.ajg.com

June 11, 2024

Captiva Erosion Prevention District
11513 Andy Rosse Lane, 3rd Floor, Unit 4
Captiva, FL 33924


Re: RFP-CED2024-1-0-2024: CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

This is to confirm that the bid bond for the above referenced project is approved to be extended to August 1, 2024 in response to RFP-CED2024-1-0-2024.

Philadelphia Indemnity Insurance Company is listed on the U.S. Treasury Department's Listing of Approved Sureties (Department Circular 570), and is rated A++ (XV) by A.M. Best Company. Liberty Mutual Insurance Company is listed on the U.S. Treasury Department's Listing of Approved Sureties (Department Circular 570), and is rated A (XV) by A.M. Best Company.

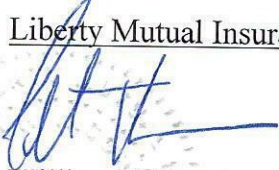
As always, Philadelphia Indemnity Insurance Company and Liberty Mutual Insurance Company reserves the right to perform normal underwriting at the time of any bond request, including, without limitation, prior review and approval of relevant contract documents, bond forms, and project financing. We assume no liability or its affiliates if for any reason we do not execute such bonds.

Philadelphia Indemnity Insurance Company



William T. Krumm
Attorney in Fact

Liberty Mutual Insurance Company



William T Krumm
Attorney in Fact

PHILADELPHIA INDEMNITY INSURANCE COMPANY

One Bala Plaza, Suite 100
Bala Cynwyd, PA 19004-0950

Power of Attorney

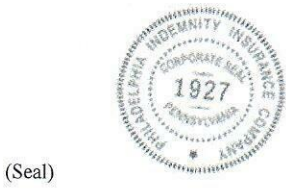
KNOW ALL PERSONS BY THESE PRESENTS: That **PHILADELPHIA INDEMNITY INSURANCE COMPANY** (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint **William T. Krumm, Jodie Sellers and Jon A. Schroeder of Arthur J. Gallagher Risk Management Services, Inc.**, its true and lawful Attorney-in-fact with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business and to bind the Company thereby, in an amount not to exceed **\$50,000,000**.

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PHILADELPHIA INDEMNITY INSURANCE COMPANY on the 14th of November, 2016.

RESOLVED: That the Board of Directors hereby authorizes the President or any Vice President of the Company: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the seal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

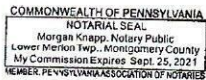
FURTHER RESOLVED: That the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 27TH DAY OF OCTOBER, 2017.



Robert D. O'Leary Jr., President & CEO
Philadelphia Indemnity Insurance Company

On this 27th day of October, 2017, before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the **PHILADELPHIA INDEMNITY INSURANCE COMPANY**; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.



Notary Public: Morgan Knapp
residing at: Bala Cynwyd, PA
My commission expires: September 25, 2021

(Notary Seal)

I, Edward Sayago, Corporate Secretary of PHILADELPHIA INDEMNITY INSURANCE COMPANY, do hereby certify that the foregoing resolution of the Board of Directors and the Power of Attorney issued pursuant thereto on the 27th day of October, 2017 are true and correct and are still in full force and effect. I do further certify that Robert D. O'Leary Jr., who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of PHILADELPHIA INDEMNITY INSURANCE COMPANY.

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 11th day of June, 2024.



Edward Sayago, Corporate Secretary
PHILADELPHIA INDEMNITY INSURANCE COMPANY



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8209002-285005

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Christina Laurendi; Jodie Sellers; Jon A. Schroeder; Karen E. Socha; William T. Krumm

all of the city of Rolling Meadows state of IL each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 15th day of November, 2022.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: David M. Carey

David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 15th day of November, 2022 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 11th day of June, 2024



By: Renee C. Llewellyn

Renee C. Llewellyn, Assistant Secretary

Document A310™ – 2010

Conforms with The American Institute of Architects AIA Document 310

Bid Bond

CONTRACTOR:

(Name, legal status and address)

Great Lakes Dredge & Dock Company, LLC
9811 Katy Freeway, Suite 1200
Houston, TX 77024

SURETY:

(Name, legal status and principal place of business)

Liberty Mutual Insurance Company
175 Berkeley Street
Boston, MA 02116
Mailing Address for Notices
Same as above

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

OWNER:

(Name, legal status and address)

CAPTIVA EROSION PREVENTION DISTRICT
11513 ANDY ROSSE LANE, 3RD FLOOR, UNIT 4
CAPTIVA, FL 33924

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

BOND AMOUNT: \$ 1,525,000.00

Five Percent 5% of Amount Bid

PROJECT:

(Name, location or address, and Project number, if any)

RFP-CED2024-1-0-2024 - CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days. Furthermore, this bid shall constitute an irrevocable offer for a period of 75 days to sell the District the goods and services set forth in the specifications until one or more of the bids have been duly accepted by the District.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

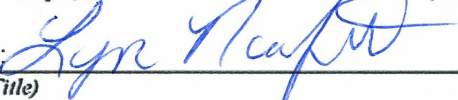
When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 17th day of April, 2024



(Witness) Matthew Paladino

Great Lakes Dredge & Dock Company, LLC
(Principal) _____ (Seal)

By: 

(Title)



(Witness) Liz Mosca

Liberty Mutual Insurance Company
(Surety) _____ (Seal)

By: 

(Title) William T. Krumm Attorney-in-Fact



State of Illinois

County of Cook

SURETY ACKNOWLEDGEMENT (ATTORNEY-IN-FACT)

I, Jodie Sellers Notary Public of Cook County, in the State of Illinois,
do hereby certify that William T. Krumm Attorney-in-Fact, of the Liberty Mutual Insurance
Company who is personally known to me to be the same person whose
name is subscribed to the foregoing instrument, appeared before me this day in person, and
acknowledged that he signed, sealed and delivered said instrument, for and on behalf of the
Liberty Mutual Insurance Company for the uses and purposes therein set forth.

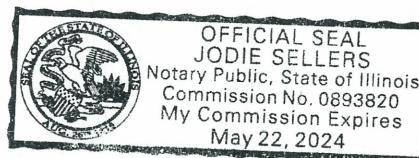
Given under my hand and notarial seal at my office in the City of Rolling Meadows in
said County, this 17th day of April, 2024.

Notary Public

Jodie Sellers

My Commission expires:

May 22, 2024





This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint William T. Krumm all of the city of Rolling Meadows, state of IL its true and lawful attorney-in-fact, with full power and authority hereby conferred to sign, execute and acknowledge the following surety bond:

Principal Name: Great Lakes Dredge & Dock Company, LLC
Obligee Name: CAPTIVA EROSION PREVENTION DISTRICT
Surety Bond Number: Bid Bond Bond Amount: See Bond Form

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 25th day of March, 2024.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: David M. Carey

David M. Carey, Assistant Secretary

STATE OF PENNSYLVANIA ss
COUNTY OF MONTGOMERY

On this 25th day of March, 2024, before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: Teresa Pastella

Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, of Liberty Mutual Insurance Company, The Ohio Casualty Insurance Company, and West American Insurance Company do hereby certify that this power of attorney executed by said Companies is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 17th day of April, 2024.



By: Renee C. Llewellyn

Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

BIDDER QUALIFICATIONS



INTRODUCTION

Great Lakes Dredge and Dock Company, LLC (GLDD) is a large dredging and heavy marine contractor that owns and operates the largest, most diverse dredging fleet in the Western Hemisphere. Owning and operating such a large fleet allows GLDD the flexibility to not only propose the most effective equipment for a particular project but also ensure the clients that their project will be completed in a timely fashion. GLDD has spent decades building up our fleet to a standard that will provide suitable equipment on the most challenging projects around the world.

GLDD's ability to perform successfully on such challenging projects like this throughout our history is well documented within the industry. In its over 137-year history, Great Lakes Dredge & Dock Company and its subsidiaries have never failed to complete a contract. This is a record we are very proud of, and a record that we are determined not to blemish.

We are committed to providing the safest possible working conditions for its employees and to protecting the health and safety of the public in all of its facilities, ashore and afloat. To affirm its commitment, the Company shall endeavor to comply with all applicable current occupational health, safety, and environmental laws and regulations, and to develop the best feasible operations, procedures, technologies, and programs.

NAME AND ADDRESS

Great Lakes Dredge & Dock Company, LLC
9811 Katy Freeway, Suite 1200
Houston, TX 77024

Phone: 346-359-1012
Website: www.GLDD.com

POC: Lynn Nietfeld
Phone: 904-834-5212
630-258-3909
E-Mail: LNietfeld@gldd.com

METHOD OF CONSTRUCTION

Great Lakes proposes performing the work utilizing one trailing suction hopper dredge. Material will be excavated in Borrow Area VI-E, transported approximately 11,000 to 12,000 feet offshore of the beach and pumped directly to the beach via 30-inch submerged pipeline. One pipeline will be placed within 1000 feet of monument R93 and another pipeline landing will be made between monuments R100 and R101.

Material pumped to the beach, bulldozers will be used to shape and grade the sand to the required template.

GLDD proposes performing the work for Bid Alternates A & C. Please see attachment schedules.



EQUIPMENT

GLDD proposes the hopper dredge Galveston Island to perform the dredging for this contract.

The following equipment to support the dredging effort on this project:
5000 HP Booster Pump, 3- D-7 CAT Bulldozers, 1 966 CAT Front End Loader, 1 Derrick Barge, 1 Anchor Barge, 1 -1800 HP Tug, 1 -1200 HP Tug, 40-foot launch, 2- UTYS, 12,000 LF of submerged line and 8000 LF of shore pipeline.

Please attachment (b) for equipment Schedule List.

KEY PERSONNEL QUALIFICATIONS

- Project Manager Chris Pomfret
- Site Manager Sydcarl Thwaites
- Project Engineer Pat McNamara
- Dredge Operators Captain Anthony Magnoli, Todd Shaffer

See Attachment (c) for resumes of key personnel.

EXPERIENCE WITH OPEN GULF OF MEXICO INLET (CHANNEL AND EBB SHOAL) DREDGING.

GLDD has completed numerous inlet projects in the Gulf of Mexico and East Coast of the US.

See the attached references for similar projects of this nature performed in the GOM.

DESCRIPTION OF LAST DREDGING PROJECT OF THIS NATURE.

Orange Beach/Gulf State Park/ Gulf Shores Engineered Beach Renourishment Project

Work consisted of excavation, transport, and placement of approximately 2,035,000 cubic yards of beach-quality sand from as many as three (3) offshore borrow areas located in the Gulf of Mexico to renourish five (5) discontinuous segments of shoreline from Gulf Shores, AL, eastward to Perdido Key, AL, extending along approximately 81,000 ft. of the Gulf-front shoreline in Baldwin County, AL; restoration of the engineered dune along the project shoreline, including the removal of derelict sand fence debris and the acquisition and installation of 12,300 ft. of new sand fencing and 958,800 dune plants; pavement and property restoration (as applicable); surveys; environmental monitoring; safety and security measures; permit compliance; debris removal; tilling; and final grading to the requirements indicated in the Contract Drawings and Specifications.



SIMILAR BEACH NOURISHMENT WORK.

REFERENCE 1

1. ORANGE BEACH/GULF STATE PARK/GULF SHORES ENGINEERED BEACH RENOURISHMENT	
LOCATION	Orange Beach/ Gulf State Park/Gulf Shores - Alabama
OWNER	Gulf County
OWNERS CONTACT INFORMATION	Shelby DeBlieux Purchasing Officer City of Gulf Shores P.O. Box 299 Gulf Shores, AL 36547 Phone 251.968.1470 Email: sdeblieux@gulfshoresal.gov
PROJECT DESCRIPTION	Includes the hydraulic dredging, transport, placement, and shaping of approximately 2,035,000 cubic yards of beach-quality sand from as many as three (3) offshore borrow areas located in the Gulf of Mexico to renourish five (5) discontinuous segments of shoreline from Gulf Shores, AL, eastward to Perdido Key, AL, extending along approximately 81,000 ft of the Gulf-front shoreline in Baldwin County, AL. Additionally, the work includes restoration of the engineered dune along the project shoreline, where needed. The Work includes of the removal of derelict sand fence debris, the acquisition and installation of 12,300 ft of new sand fencing, and 958,800 dune plants.
TOTAL CONTRACT PRICE	\$32,798,809.00
PROJECT DATES	September 29, 2023 to December 31, 2024.



REFERENCE 2

3. REHABILITATION EFFORT FOR THE PANAMA CITY BEACHES CSRM PROJECT	
LOCATION	Panama City Beach, Florida
OWNER	Mobile District
OWNERS CONTACT INFORMATION	Chanda D. Strenth Contracting Officer USACE Mobile District 109 St. Joseph St. Mobile, Alabama 36602 Phone 251-441-5595 Email: chanda.d.strenth@usace.army.mil
PROJECT DESCRIPTION	The work to be performed under this contract consists of dredging and sand placement activities. Sand for the rehabilitation of Panama City Beach was dredged from a borrow site using primarily hopper dredges. This work included the replenishment of soft features (beach fill). In addition to the required design volume, the renourishment plan for construction also included additional material to account for erosion losses expected to occur between the post storm surveys and the anticipated project construction date, as well as overfill material if the fill has a smaller median grain size than the native beach.
TOTAL CONTRACT PRICE	\$62,612,694.10
PROJECT DATES	August 2021 – September 2023



REFERENCE 3

4. CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT	
LOCATION	Captiva, Florida
OWNER	Lee County
OWNERS CONTACT INFORMATION	Rene Miville, Vice Chairman Captiva Erosion Prevention Disitric 11513 Andy Rosse Lane, Unit 4 Captiva, FL 33924 Phone: 239.472-2472 Email: rene@mycepd.com
PROJECT DESCRIPTION	The beach renourishment project is located on the west coast of Florida on Captiva Island within Lee County. The project area is located between Florida DEP reference monuments R-84 and R-109 (Captiva Island). The project consisted of the placement of approximately 600,000 cubic yards of beach fill along 4.85 miles of shoreline and rehabilitation of existing dunes. The contract included fill along the entire Gulf of Mexico shoreline of Captiva Island between Redfish Pass and Blind Pass and may include the restoration of some dunes and vegetation.
TOTAL CONTRACT PRICE	\$15,625,485.00
PROJECT DATES	June 2021 thru November 2021



REFERENCE 4

5. CHARLOTTE/SARASOTA REGIONAL BEACH PROJECT	
LOCATION	Charlotte County, Florida
OWNER	Charlotte County Government, Purchasing Division
OWNERS CONTACT INFORMATION	Carole A. Smith Senior Contract Specialist Charlotte County Purchasing Division 18500 Murdock Circle, Ste 344 Port Charlotte, FL 33948 941.743.1380 Email: carole.smith@charlottecountyfl.gov
PROJECT DESCRIPTION	The Project consisted of placement of 1,160,000 cubic yard of material located in Charlotte and Sarasota Counties, Florida. The Work Areas include the Manasota Key Beach Fill (MKBF) on Manasota Key; South Beach Fill (SBF) on Knight-Don Pedro Island; and multiple Borrow Areas, Conveyance Corridors, and Pipeline Corridors in the Gulf of Mexico.
TOTAL CONTRACT PRICE	\$30,451,850.00
PROJECT DATES	January 2020 to June 2020



EQUIPMENT LIST

GLDD own and operates the largest most diverse dredging fleet in the U.S. industry. Below is a listing of the primary equipment that is planned to be utilized on this project. All of the equipment owned by GLDD has been built or upgraded specifically for our specific dredging needs. The equipment planned to be utilized has a proven track record over the years of service in our fleet.

Item	Owner	Description
Dredge 'Galveston Island'	GLDD	OFFICIAL NO. 1319945 HOPPER – 6330 CY Capacity
Booster 'Buster'	GLDD	5000 HP Booster
Survey Launch	GLDD	40- Foot Vessel
Derrick Barge	GLDD	
Anchor Barge	GLDD	
Bulldozers (3)	GLDD	CAT D-7 or equivalent
Front End Loader	GLDD	CAT 966 or equivalent
1800 HP TUG (2)	RENTAL	TBD
1200 HP TUG	RENTAL	TBD
12,000 LF Submerged Pipeline	GLDD	30-inch diameter
8,000 LF Shore Pipeline	GLDD	30-inch diameter
Utility Vehicles (2)	GLDD	

SUBCONTRACTOR LIST

Below is a list of defined scopes of work included in this project that will be performed by qualified third party vendors.

Scope of Work	Description
Protected Species Observers	Coastwise Consulting
Trawling	Coastwise Consulting
Survey Services	Oceanside
Turbidity	Oceanside

PROJECT SCHEDULE

A preliminary project schedules has been attached for your review. See Attachment (a).



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

(a) PROJECT SCHEDULES B&C



ID	Task Mod	Task Name	Duration	Start	Finish	Units	Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025			Qtr 2, 2025			Qtr 3, 2025			Qtr 4, 2025					
							Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct					
1		PROJECT NAME	557 days	Fri 4/19/24	Tue 10/28/25																									
2		CONTRACTUAL DATES	557 days	Fri 4/19/24	Tue 10/28/25																									
3		Bid Date	0 days	Fri 4/19/24	Fri 4/19/24																									
4		Award	0 days	Wed 4/24/24	Wed 4/24/24																									
5		Submit P&P Bond	14 days	Wed 4/24/24	Wed 5/8/24																									
6		Notice to Proceed	1 day	Wed 5/8/24	Thu 5/9/24																									
7		Work Window A	92 days	Tue 10/1/24	Wed 1/1/25																									
8		Work Window B	119 days	Wed 1/1/25	Wed 4/30/25																									
9		Work Window C	180 days	Thu 5/1/25	Tue 10/28/25																									
10		MOBILIZATION	43 days	Sun 9/1/24	Mon 10/14/24																									
11		Waterside Mobilization	38 days	Sun 9/1/24	Wed 10/9/24																									
12		Shoreside Mobilization	38 days	Sun 9/1/24	Wed 10/9/24																									
13		Dredge Mobilization	5 days	Wed 10/9/24	Mon 10/14/24																									
14		ENVIRONMENTAL	67 days	Mon 10/14/24	Fri 12/20/24																									
15		Turbidity Monitoring	62 days	Mon 10/14/24	Sun 12/15/24																									
16		Sea Oat Planting	45 days	Tue 11/5/24	Fri 12/20/24	EA																								
17		VIBRATION MONITORING	151 days	Sun 8/18/24	Thu 1/16/25																									
18		Preconstruction Inspection	14 days	Sun 8/18/24	Sun 9/1/24																									
19		Vibration Monitoring	80 days	Mon 10/14/24	Thu 1/2/25																									
20		Post-Construction Inspection	14 days	Thu 1/2/25	Thu 1/16/25																									
21		DREDGING OPERATIONS	72 days	Mon 10/14/24	Wed 12/25/24																									
22		Fill Area 1	22 days	Mon 10/14/24	Tue 11/5/24	CY																								
23		Fill Area 2	20 days	Tue 11/5/24	Mon 11/25/24	CY																								
24		Fill Area 3	20 days	Mon 11/25/24	Sun 12/15/24	CY																								
25		Beach Tilling	10 days	Sun 12/15/24	Wed 12/25/24	LF																								
26		DEMobilIZATION	34 days	Sun 12/15/24	Sat 1/18/25																									
27		Shoreside Demobilization	18 days	Sun 12/15/24	Thu 1/2/25																									
28		Waterside Demobilization	34 days	Sun 12/15/24	Sat 1/18/25																									
29		Dredge Demobilization	3 days	Sun 12/15/24	Wed 12/18/24																									
30		Contract Closeout	30 days	Wed 12/18/24	Fri 1/17/25																									



ID	Task Mod	Task Name	Duration	Start	Finish	Units	Qtr 2, 2024			Qtr 3, 2024			Qtr 4, 2024			Qtr 1, 2025			Qtr 2, 2025			Qtr 3, 2025			Qtr 4, 2025					
							Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct					
1		PROJECT NAME	557 days	Fri 4/19/24	Tue 10/28/25																									
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18		Preconstruction Inspection	14 days	Tue 3/18/25	Tue 4/1/25																									
19		Vibration Monitoring	123 days	Tue 4/1/25	Sat 8/2/25																									
20		Post-Construction Inspection	14 days	Sat 8/2/25	Sat 8/16/25																									
21		DREDGING OPERATIONS	72 days	Wed 5/14/25	Fri 7/25/25																									
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24		Fill Area 3	20 days	Wed 6/25/25	Tue 7/15/25	CY																								
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30		Contract Closeout	30 days	Fri 7/18/25	Sun 8/17/25																									



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

(b) THE SIZE AND TYPE OF THE DREDGE PROPOSED FOR THE WORK THAT MEETS THE MINIMUM REQUIREMENT PROVIDED IN THE TECHNICAL AND ENVIRONMENTAL SPECIFICATIONS

PLANT AND EQUIPMENT SCHEDULE

The BIDDER is requested to state below the number and types of equipment proposed for use in the Project. This schedule shall include equipment owned/rented and/or operated by the BIDDER and by any subcontractor responsible for more than ten percent (10%) of the total work. Indicate on the form below if the equipment is owned or operated by the BIDDER or a subcontractor.

EQUIPMENT ITEM	NUMBER	CAPACITY	OWNER OWNED OR RENTAL
DREDGE GALVESTON ISLAND	OFFICIAL NO. 1319945	HOPPER CAPACITY 6,330 CY	OWN
ADDITIONAL MARINE EQUIPMENT			
5,000HP BOOSTER PUMP "BUSTER			OWN
1 DERRICK BARGE			OWN
1 ANCHOR BARGE			OWN
2-1,800HP TUG			RENTAL
1-1,200HP TUG			RENTAL
40-FOOT LAUNCH			
12,000 LF OF SUBMERGED LINE			
SHORESIDE EQUIPMENT			
3-D7 CAT BULLDOZERS			
1-966 FRONT END LOADER			
2- UTILITY VEHICLES			
8,000 LF OF SHORE PIPE			OWN

GALVESTON ISLAND

TRAILING SUCTION HOPPER DREDGE



DIMENSIONS

Length	346.5 ft	105.6 m
Breadth	68.8 ft	21.0 m
Depth	23.0 in	7.0 m
Draft (Dredging)	20.8 in	6.4 m

MACHINERY & POWER

Dredge Pump Power	2 x 2,548 HP	2 x 1900 kW
Total Installed Power	16,367 HP	12,204 kW
Dumping System	Bottom Doors	

OPERATING PARAMETERS

Nominal Digging Depth	100 ft	30.5 m
Suction Diameter	31.5 in	800 mm
Discharge Diameter	30.0 in	762 mm
Hopper Capacity	6,330 yd ³	4,840 m ³

Hopper dredges are designed to vacuum material from the sea floor through drag arms that load the material into the hold of the vessel. The cargo of mud or sand can then be sailed to either an ocean disposal site where the material is dropped to the bottom through openings in the bottom of the hull, or alternatively an upland site, such as a beach or reclamation where the material is pumped ashore by the ship.

CERTIFICATION

ABS • A1 Dredger • AMS, ACCU, UWILD, IHM, TCM, LEV(US), USCG - Unlimited Oceans



GREAT LAKES DREDGE & DOCK COMPANY, LLC | DREDGING WORLDWIDE

346.359.1010 | INFO@GLDD.COM | GLDD.COM



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

**(c) QUALIFICATIONS AND PRIOR EXPERIENCE OF BIDDER'S
KEY PERSONNEL, TO INCLUDE PROPOSED PROJECT MANAGER,
SUPERINTENDENT, DREDGE OPERATOR, SITE ENGINEER, ETC.**

Christopher Pomfret

Senior Project Manager



NATIONALITY

American

EDUCATION

Bachelor of Science
Construction Engineering
Purdue University, 1991

EXPERIENCE

2013 - Present

Senior Project Manager

Great Lakes Dredge & Dock Company, LLC (GLDD)
All Divisions

Directly responsible for all contractual, operations, and project oversight with regard to all facets of the project contracts, subcontracts, owner relations, scheduling (P6 and MS Projects), payments, and QC oversight on the following USACE and Private Works projects.

- North Palm Beach County SPP-2020ERM3-Juno/Carlin Beaches: Owner Palm Beach Co. \$21M Contract
- York Spit Maintenance Project- York Spit Channel, Chesapeake Bay: USACE Baltimore District- \$18M Contract
- Post Florence Renourishment Phase 2 – Emerald Isle, Pine Knoll Shores & Atlantic Beach, NC - \$28M Contract
- Galveston Entrance & Bars + Bolivar – Redfish: USACE Galveston District - \$17M Contract
- Myrtle Beach Nourishment Reach 1 – 3 Option Work: USACE Charleston District - \$55M Contract
- Post Florence Renourishment Phase 1 – Emerald Isle, NC: Owner Carteret County NC - \$16M Contract
- Arcadian Shores Reach 1 – 3 – Myrtle Beach, SC: Owner Horry County, SC - \$8m Contract
- Myrtle Beach Nourishment Reach 1 & 3: USACE Charleston District \$29M Contract
- Ft. Pierce Shore Protection Project: USACE Jacksonville District- \$8m Contract
- Martin County Shore Protection Project: USACE Jacksonville District- \$9m Contract
- Brevard County Shore Protection Project North and South Reach: USACE Jacksonville District- \$17M Contract
- Myrtle Beach Nourishment Reach 1 and 3 Project: USACE Charleston District- \$28M Contract
- Willoughby Spit Hurricane and Storm Reduction Project: USACE Norfolk District- \$34M Contract
- Miami Harbor Phase 3 Deepening Project: USACE Jacksonville District - \$215M Contract
- Phipps Ocean Park Beach Nourishment: Town of Palm Beach Florida - \$16M Contract
- Chenier Ronquille Barrier Island Restoration: NOAA Restoration - \$29M Contract
- Willoughby Spit Shore Protection Project: USACE Norfolk District - \$35M Contract

2006 - 2013

Contract Manager

Great Lakes Dredge & Dock Company, LLC (GLDD)
U.S. All Divisions

Directly responsible for contract and project oversight with regard to all facets of the project contracts, subcontracts, owner relations, scheduling (P6 & MS Projects), payments, and QC oversight on the following USACE and Private Works projects:

- Kings Bay IDIQ - Maintenance Dredging, USACE, Jacksonville, Florida
- Port Everglades Maintenance Dredging, USACE, Ft Lauderdale, Florida
- Baltimore Harbor Maintenance Dredging, USACE, Baltimore, Maryland
- Ambrose Channel 50 ft Project, USACE, NY, New York
- Orchard Beach Nourishment Project, USACE, Bronx, New York

- Oakland Harbor Maintenance Project, USACE, Oakland, California
- Grays Harbor Maintenance Dredging, USACE, Aberdeen, Washington
- Groton Naval Submarine Base, Pier 6 Project, U.S. Navy, Groton, Connecticut
- Neptune Cable Crossing Project, Sandy Hook Bay, New York/New Jersey
- Northrop Grumman, Dredging for Launch of USS G.H.W. Bush Carrier, Norfolk, Virginia
- Channel and Berth Dredging, San Juan Harbor, USACE Puerto Rico
- Baltimore Harbor Maintenance Dredging, Baltimore, Maryland
- Boston Harbor Maintenance Dredging, Boston, Massachusetts USACE New England District
- IDIQ Gulfport Bar Channel, Gulfport, Mississippi, USACE Mobile District

2004 - 2006

Project Manager

Great Lakes Dredge & Dock Company, LLC (GLDD)
U.S. Mechanical Dredge Division

Directly responsible for project oversight on various USACE projects:

- Oakland Harbor Deepening Project, Oakland, California
- Providence River Maintenance Project, Providence, Rhode Island
- New York Waterways Ferry Terminal Project, Weehawken, New Jersey
- Mobil Exxon Fuel Facility Maintenance Dredging, Providence, Rhode Island
- St. Lawrence Cement Berth Deepening Project, Providence, Rhode Island

2003 - 2004

Project Manager

Great Lakes Dredge & Dock Company, LLC (GLDD)
International Division

Directly responsible for Trailing Suction Hopper Dredge operations at:

- Umm Qasr - Iraq, Coalition Provisional Authority; Shuaiba Port-Kuwait, U.S. Military Sealift Command
- Hidd Port Development, Bahrain, Ministry of Works

2003

Assistant Project Manager/Project Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD)
International Division

Projects included:

- Egyptian LNG Project, Idku Egypt for Egyptian Gov/Bechtel International - capital dredging works as part of the new LNG Marine terminal at Idku coordinated complex. Performed breakwater foundation dredging, and backfill, for Marine Works prime contractor. Also dredged new entrance channel.

1995 - 2003

Project Manager/CQC Manager/Project Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD)

Various U.S. Army Corps of Engineers projects:

- USACE/State of New Jersey – Beach Renourishment - Hydraulic Dredge Alaska - Stone Harbor to Hereford, New Jersey; Sandy Hook National Park/Department of Interior – Beach Renourishment (beach replenishment to close storm breach) Emergency Work, Trailing Suction Hopper Dredge-pump out - Sandy Hook, New Jersey; USACE/ State of New Jersey – Shore Protection - Sandy Hook to Sea Girt New Jersey - Trailing Suction Hopper Dredge- pump out; USACE/Port Authority of NY/NJ – Environmental Mitigation - Capping NY/NJ Mud Dump (capping of dredge spoils from NY/NJ ports) - Trailing Suction Hopper Dredge - bottom dump; Port Authority of NY/NJ – Land Reclamation - LaGuardia Runway Extension (dredging and fill for LaGuardia airport runway extension); USACE New York District/Port Authority – Kill Van Kull Project - New Work Deepening New York Ports (drilling, blasting, and dredging for deepening of facilities)

1994 - 1995

Estimator

Great Lakes Dredge & Dock Company, LLC (GLDD) - Oak Brook, IL
Hopper Division

Cost and production estimating. Project proposals. Claim research and compiling.

1994

Production Engineer/QC Rep

Great Lakes Dredge & Dock Company, LLC (GLDD)
International Division

Hydraulic dredge production, soils investigation, hydro surveys.

- Doha, Qatar Container Terminal Project

1992 - 1994

Project Engineer/QC Rep

Great Lakes Dredge & Dock Company, LLC (GLDD) - Oak Brook, IL
Hopper Division

New work/maintenance projects in various USACE Districts Hopper & Clamshell projects.

1991 - 1992

Field Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD) - Oak Brook, IL Hopper Division

Channel Maintenance projects in various USACE Districts Hopper & Clamshell projects.

Sydcarl Thwaitis

SITE MANAGER



NATIONALITY

South African

EDUCATION

Qualified Tool, Jig & Die Maker

Mechanical Engineering N4

Southwest Gauteng Engineering College, 2003-2007

CERTIFICATIONS

American Red Cross First Aid/CPR - Expires September 2023

OSHA 30-Hour Construction - October 2020

Crane and Rigging Awareness Safety Training Certification - December 2022

Working at Heights and Confined Space Safety Training – 2017

First Aid, CPR and AED Safety – 2023

SPECIALIZED TRAINING

Advanced Dredge Production Theory Training – June 2016

Primavera Scheduling Training – June 2016 & February 2023

EXPERIENCE

November 2021 - Present

Site Manager

Great Lakes Dredge & Dock Company, LLC (GLDD) – Houston, TX

Responsibilities include:

As a Site Manager duty will generally entail safely executing dredging, reclamation, towing and disposal operations plus related site activities.

Specifically, in the role as a SM the following specialized duties are follows:

- Executing dredging, reclamation, towing and disposal operations
 - Manage all daily site-based dredging, reclamation, towing and disposal activities.
 - Ensure compliance with contract specifications and requirements.
 - Establish with the Area Sponsor and Contract Manager, a detailed plan of execution for the project and implement the plan.
 - Communicate establish plans to all operations staff including safety dredge staff and engineering teams.
 - Coordinate and communicate dredge and attendant plant issues with the Dredge manager and Maintenance Manager.
 - Mentor project staff: train and guide the Assistant Project Manager, Site Superintendent, and all Engineering team members.
- Perform All related site activities.
 - Participate in pre-shift meetings when on-board vessels or fill operations, as well as Job Safety Analysis's, site safety discussions, ESQ action items, Near-Miss (Close call) documentation and discussions, pressing forward on Safety Action Plans.
 - Communicate and meet with Dredge Captains and Engineering teams daily to review dredge performance.
 - Serve as primary contact with the Dredge Captain, Chief Engineer, crew, Project Engineer, SSHA, Site Superintendent, Fill Placer, and Production Engineer.
 - Manage crews effectively and efficiently, scaling the work force and/or hours up and down as necessary.

- Safety
 - Promote operations-led transformative safety and GLDD's Incident and Injury-Free culture at all levels.

Notable projects include:

Atchafalaya Bay / Bar and Crew boat Cut #20-1 2021, Caminada Headland Back Barrier Marsh Creation Project (BA-0171) 2021, Corpus Christi Shipping Channel 3 2022, Golden Triangle Marsh Creation Project (PO-0163) 2022, MS River and Alternate Harbors 2021-2023, Tampa Harbor Maintenance 2022, Palm Beach Harbor 2023, South Boca Raton 2023. Tampa Harbor Maintenance 2023, Gulf Shores Beach Restoration 2023

December 2020 – November 2021

Project Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD) – Houston, TX

Responsibilities include:

Maintaining the Site Engineering standards among all work activities, continuous support of SE assignments and communication of status, best methods, and organization of work activities. Interface with the employer concerning survey and project engineering issues, preparation of all reports and submittals as required. Bear any added responsibilities as dictated by Site and Project Managers needs and assist where needed.

- Day-to-day management of the GLDD Survey Department.
- Planning of all hydrographic and topographic survey operations.
- Interface with Employer concerning survey engineering and project engineering issues.
- Preparation and issue of reports and other submittals as required by the Employer.
- Maintenance of quality control within the department.
- Provide engineering support to dredges and associated plant as required to enable efficient dredging and filling operations.
- Production and verification of dredge and fill volumes.

Notable projects include:

Pass A' Loutre 2020 to 2021, Atchafalaya Bay / Bar and Crew boat Cut #20-1 2021

December 2019 – December 2020

Project Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD) / Middle East Division

Responsibilities include:

Maintaining the Site Engineering standards among all work activities, continuous support of SE assignments and communication of status, best methods, and organization of work activities. Interface with the employer concerning survey and project engineering issues, preparation of all reports and submittals as required. Bear any added responsibilities as dictated by Site and Project Managers needs and assist where needed.

- Day-to-day management of the GLDD Survey Department.
- Planning of all hydrographic and topographic survey operations.
- Interface with Employer concerning survey engineering and project engineering issues.
- Preparation and issue of reports and other submittals as required by the Employer.
- Maintenance of quality control within the department.
- Provide engineering support to dredges and associated plant as required to enable efficient dredging and filling operations.
- Production and verification of dredge and fill volumes.

Notable projects include:

Investment Gateway Bahrain Phase 2 (Bahrain)

November 2016 – November 2019

Assistant Project Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD) / Middle East Division

Responsibilities include:

Maintaining the Site Engineering standards among all work activities, continuous support of SE assignments, communication of status, best methods, and organization of work activities.

Support and carry on project activities detailed by the Project Engineer.

Mentoring Site Engineers & Safety Operations

- Ensuring a safe work environment during all operations and tasks.
- Increase Hazard Awareness level among team through site orientations and safety videos as required. Organize required certifications and training.
- Assist in SE development efforts, coaching, and performance feedback.

Dredging Systems

- Ensure SE deliverables are professionally produced, organized, and communicated to the appropriate parties, Project Management, the Dredge Captain, and Site Engineering staff.
- Identify the production limitations, generate possible solutions, and be able to communicate them to the appropriate parties.

Quality Control – Internal & External

- Organize, and verify calibration results of the site engineering team applicable to dredge positioning systems, dredge sensors used for analysis, hydrographic survey data acquisition, fill survey lines and grades, tide corrections, etc.

Operations Planning & Communications

- Ensure all safety and quality standards are attained throughout SE activities, including dredging, hydrographic survey, contract reporting, fill operations, offshore disposal operation, etc.

Notable projects include:

Investment Gateway Bahrain Phase 2 (Bahrain), Al Naseem Phase 2 (Saudi Arabia), Bahrain LNG (Bahrain)

December 2014 – November 2019

Site Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD) / Middle East Division

Responsibilities include:

Overall Site Engineering responsibilities for hydrographic surveying, dredge engineering, Cutter suction dredge and Hopper dredge production estimating and modeling production reporting, safety, and quality control.

Site Engineering duties include, but are not limited to:

- Ensuring a safe work environment in all operations and tasks.
- Organizing and conducting hydrographic survey (Multi Beam / Single Beam) and engineering activities on site.
- Dredge production, analysis and reporting.
- Analysis of dredge telemetry.
- Planning dredge moves /pipeline/ configurations/ digging methods.
- Manage reclamation filling using shoreline and spill barge.
- Daily/ Weekly/ Monthly production reporting
- Geotechnical analysis of reclaimed land and under-sea material, borrow area and reclamation volume calculations.

Notable projects include:

Bahrain LNG (Bahrain), Suez Canal Expansion Project (Egypt)

August 2014 – December 2014

Group Product Development Manager/ Quality Manager

Silverton Manufacturing / Silverton Engineering

Responsibilities include:

Manage all engineering and quality issues within both Silverton Manufacturing Plant & Silverton Engineering pressing plants. Oversee all current projects on all customers and lease with current Product Development Engineers on the statuses and updates of all projects. Lease with all on floor quality issues and customer quality issues in production plants.

February 2014 – July 2014

Product Development Manager

Silverton Manufacturing

Responsibilities include:

Manage all engineering issues within both Silverton Manufacturing Plant & Silverton Engineering pressing plants. Oversee all current projects on all customers and lease with current Product Development Engineers on the statuses and updates of all projects.

August 2012 – January 2014

Product Development Engineer

SA Die & Pattern

Responsibilities include:

- Together with the Quality Department compile FMEA's, identify key characteristics, and build into tool design the control thereof. Arrange for the completion of all associated documentation to support as per customer requirements. Allocate responsibilities to different departments to support projects but maintain full accountability of a timeous project.
- Liaise with purchasing for the sourcing of material for project phase and ongoing production. Liaise with customer (where possible) to use available grades.
- Establish all test requirements, test procedures, manufacturing costs and buy- out components from sub suppliers and create a bill of material. Ensure costing is accurate and compensated for all above. Submit timing plan to customer with the buy in from all supporting departments.

September 2010 – July 2012

Quality Assurance Supervisor/ Layout

SA Die & Pattern

Responsibilities include:

- Ensure calibration of gauges checking fixtures and test equipment as per Quality System requirements.
- Conduct System, process, and product audits as per audit schedules and submit Corrective Action reports to management for action.
- Ensure compliance to housekeeping standards in areas of responsibilities.

June 2010 – August 2010

Metrologies Supervisor

SA Die & Pattern

Responsibilities include:

Conducting inspections on tool try-out, 1st and last off parts submitted by production or tool room, compile accurate written reports on inspections conducted, operate the 3D co-ordinate measuring machine for measuring components, conduct CAD

measurements and extract measuring report from computer using specified software.

July 2009 – May 2010

Geotechnical Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD) / Middle East Division

Responsibilities include:

- Supervising onshore cone penetration testing and offshore borehole drilling operations for two on-going projects.
- Purchasing, manufacture, installation and monitoring of seabed settlement concrete slabs, surface metal settlement plates, perforated standpipes, and piezometers.
- Planning and mobilization of an offshore jack up barge assessing material thicknesses by vibrocore and rotary drilling methods, thereby ascertaining potential quantities available from designated offshore borrow areas.

Notable projects include:

Diyar Al Muharraq (Bahrain), Manama Lagoon (Bahrain), Al Nurana (Bahrain)

June 2008 – July 2009

Field Production Engineer

Great Lakes Dredge & Dock Company, LLC (GLDD) / Middle East Division

Responsibilities include:

Overall field engineering including hydrographic/topographic surveying, geotechnical analysis of reclaimed land and under-sea material, borrow area and reclamation volume calculations, cutter suction dredge production estimating and modeling, daily/weekly/monthly production reporting, analysis of dredge telemetry, planning dredge moves/pipeline/configurations/digging methods and reclamation filling using shoreline and spill barge.

February 2008 – May 2008

Tool, Jig & Die Maker (Qualified)

Caliber Plastics (Pty) Ltd

Responsibilities include:

- Mold modifications, machine programming, fixing and repairing moulds, building new mould designs from scratch, CNC programming and general machine work.
- Worked on conventional drilling machines, turning lathes and milling machines.

January 2005 – February 2008

Tool, Jig & Die Maker (Apprentice) Tool, Jig & Die Maker (Qualified)

Caliber Plastics (Pty) Ltd

Responsibilities include:

- Filing and squaring up of work pieces, machine drilling and turning on lathes.
- I learnt all the different mould changes and insert changes along with servicing of moulds.
- Learnt how to operate Master Cam and was taught how to do mould modifications and general CNC programming and machine work.

PATRICK MCNAMARA

SITE MANAGER



NATIONALITY

United States of America

EDUCATION

Bachelor of Science
Ocean Engineering
Bachelor of Arts
German
University of Rhode Island, 2016

LANGUAGES

English – Native

CERTIFICATIONS

U.S. Army Corps of Engineers: Construction Quality Management for Contractors (Norfolk District, (Renewed) August 2021)
TWIC Certification (Expires Oct 2026)
US Red Cross First Aid and CPR – August 2022
OSHA Construction Safety and Health 30hr Training – January 2017
Primavera P6 Professional (Fundamentals) Training – September 2019
NASBLA Certificate of Boating Safety – Rhode Island Oct 2020 & Virginia Sept 2016
HYPACK 2022 Hydrographic & Dredging Training Event – 2022 & 2023

SPECIALIZED TRAINING

Dredging Production Fundamentals Training – September 2016
Man Overboard Training – April 2017
Crane & Rigging Awareness Safety Training – August 2016

EXPERIENCE

July 2023 – Present

Site Manager

Great Lakes Dredge & Dock Company, Houston, Texas

Responsible for safely and efficiently supervising dredging, beachfill, reclamation, towing, and disposal operations and related dredging project activities. Responsible for planning, scheduling of crew, and coordination of equipment to meet operational and client needs.

Review and develop project layout/design, survey scope of work, dredge/disposal operational plans, and pipeline positioning, to ensure contractual compliance and maximize operational performance.

Work with stakeholders; client (i.e. USACE, Mofatt & Nichol), state or local government, and fisheries and wildlife reps. Communicate with vendors to create, review, and approve requisitions and invoices for project operations. Manage subcontractor services and vessels, communicate with subcontractors and manage on/off hire/schedules.

Notable projects include:

- *GULF COAST REGIONAL HOPPER DREDGE, PLAQUEMINES PARISH, LOUISIANA & HARRISON COUNTY, MISSISSIPPI 2023*
- *CORPUS CHRISTI SHIP CHANNEL, UPPER BAY REACH, CIP 3, NUECES COUNTY, TEXAS 2023*

- ATCHAFALAYA BAY/BAR AND CREWBOAT CUT MAINTENANCE DREDGING, ST. MARY PARISH, LOUISIANA 2023-2024
- GALVESTON ENTRANCE CHANNEL AND HOUSTON SHIP CHANNEL BOLIVAR TO REDFISH HOPPER DREDGING, GALVESTON, TEXAS 2023-2024

May 2021 – June 2023

Project Engineer / QC

Great Lakes Dredge & Dock Company, Houston, Texas

Responsible for the final quality control and quality assurance verification of all engineering deliverables to include: hydrographic survey data collection, land survey data collection, bathymetry maps, topography maps, cross sections, volume calculations, daily construction reports, and daily dredge production analysis. Confirming presentation of survey data meets or exceeds project specifications or EM 1110-2-1003.

Responsible for the management and scheduling of all site engineering activities in support of maintenance dredging and land reclamation projects utilizing trailing suction hopper dredges, cutter suction hydraulic dredges, mechanical dredges, and backhoe dredges.

Responsible for the development of the engineering project layout, dredge cut operational plan, disposal operational plan, construction staking, pipeline positioning and status tracking, and the quality assurance for each phase of work.

Responsible for the installation, operational status, quality control and quality assurance checks on the guidance systems for the dredges, tugs, material barges, and any other equipment on site that requires positioning tracking.

Support of hydraulic dredges, trailing suction hopper dredges, clamshell dredges, and backhoe dredges throughout all project sequences.

Notable projects include:

- *SOUTH ATLANTIC DIVISION REGIONAL HARBOR DREDGING, WILMINGTON, NORTH CAROLINA, 2021*
- *CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT, LEE COUNTY, FL 2021*
- *BEACH NOURISHMENT, CAPE MAY INLET TO LOWER TOWNSHIP, CAPE MAY, NEW JERSEY 2021*
- *SOUTH ATLANTIC DIVISION REGIONAL HARBOR DREDGING, SAVANNAH HARBOR, GEORGIA, BRUNSWICK HARBOR, GEORGIA, 2022*
- *NORFOLK HARBOR NAVIGATION IMPROVEMENTS, THIMBLE SHOAL CHANNEL, EAST OF CHESAPEAKE BAY BRIDGE-TUNNEL AND MEETING AREA 2, NORFOLK, VIRGINIA 2022*
- *MAINTENANCE DREDGING, DOUBLING POINT SHOAL & POPHAM BEACH SHOAL KENNEBEC RIVER, MAINE 2022*
- *BEACH NOURISHMENT, GREAT EGG HARBOR INLET AND PECK BEACH, OCEAN CITY, CAPE MAY COUNTY, NEW JERSEY 2022-2023*
- *NAVAL SUBMARINE BASE KINGS BAY – ENTRANCE CHANNEL, MAINTENANCE DREDGING, CAMDEN COUNTY, GEORGIA & NASSAU COUNTY, FLORIDA 2023*

March 2019 – April 2021

Assistant Project Engineer

Great Lakes Dredge & Dock Company, Oak Brook, Illinois

Responsible for the final quality control and quality assurance verification of all engineering deliverables to include: hydrographic survey data collection, land survey data collection, bathymetry maps, topography maps, cross sections, volume calculations, daily construction reports, and daily dredge production analysis. Confirming presentation of survey data meets or exceeds project specifications or EM 1110-2-1003.

Responsible to assist in the development of the engineering project layout, dredge cut operational plans, disposal operational plans, construction staking, pipeline positioning and status tracking, the preparation of submittals in accordance with client's contractual requirements, and the quality assurance for each phase of work while assisting the

Project Engineer.

Responsible for the installation, operational status, quality control and quality assurance checks on the guidance systems for the dredges, tugs, material barges, and any other equipment on site that requires positioning tracking in the absence of the Project Engineer.

Responsible for the engineering oversight, training, mentoring, and safety orientations for all engineers on site.

Support of hydraulic dredges, trailing suction hopper dredges, clamshell dredges, and backhoe dredges throughout all project sequences.

Notable projects include:

- *Post-Florence Renourishment Project, Indian Beach and Emerald Isle, NC 2019*
- *Myrtle Beach Storm Damage Reduction Project, Myrtle Beach, SC 2019*
- *Beach Renourishment Nags Head, Dare County, North Carolina 2019*
- *Charleston Entrance Channel Deepening, Contract II; Charleston, SC Aug 2019 – Oct 2019*
- *Jacksonville Harbor, Construction Dredging, Contract B; Jacksonville, FL Nov 2019 – Jan 2020*
- *Shore Protection Project Ocean Ridge and Delray Beach Segments; Palm Beach County, FL 2020*
- *Beach Renourishment Brigantine Inlet to Great Egg Harbor Inlet; Absecon Island; Atlantic County, NJ 2020*
- *NAVAL SUBMARINE BASE KINGS BAY - ENTRANCE CHANNEL MAINTENANCE DREDGING, CAMDEN COUNTY, GEORGIA & NASSAU COUNTY, FLORIDA CAMDEN COUNTY, GEORGIA & NASSAU COUNTY, FLORIDA, 2021*
- *SHORE PROTECTION PROJECT FORT PIERCE BEACH RENOURISHMENT 2021 ST. LUCIE COUNTY, FLORIDA, 2021*

August 2016 – February 2019

Site Engineer

Great Lakes Dredge & Dock Company, Oak Brook, Illinois

Responsible for the daily quality control quality assurance checks of the hydrographic survey systems, land survey equipment, dredge guidance systems, positioning information systems on material barges and/or spill barges.

Responsible for carrying out multi-beam hydrographic surveys, single beam hydrographic surveys, and land surveys in support of the dredge and support equipment on beach fill, land reclamation, channel maintenance, and capital improvement projects.

Responsible for the preparation of daily dredge production reports; daily construction progress reports, and the preparation of submittals in accordance with client's contractual requirements.

Notable projects include:

- *U.S. Naval Station Mayport Maintenance Dredging Mayport, FL 2019*
- *Arcadian Shores Beach Renourishment Project Myrtle Beach, SC 2018-2019*
- *Myrtle Beach Storm Damage Reduction Project, Myrtle Beach, SC 2018*
- *Flood Control and Coastal Emergency Repair, Bethany, South Bethany, and Fenwick, DE 2018*
- *Fort Pierce Shore Protection Project, Beach Renourishment 2018 St Lucie County, FL 2018*
- *Beach Renourishment Hutchinson Island, Martin County, FL 2018*
- *Beach Renourishment 2017 North and South Reach, Brevard County, FL 2018*
- *Savannah Harbor Expansion Project, Savannah, GA 2017-2018*
- *Gulfport Bar Channel Maintenance, Gulfport, MS 2017*
- *Myrtle Beach Storm Damage Reduction Project, Myrtle Beach, SC 2017*
- *Dare County Beach Nourishment Project, Dare County, NC 2017*

- *Duval County Shore Protection Project, Renourishment 2016, Duval County, FL 2017*
- *Shell Island West BA-111, Louisiana 2016*

2011 - 2016

Course work at the University of Rhode Island included basic engineering classes as well as: Engineering Wave Mechanics and Littoral Processes, Underwater Acoustics, Marine Structure Design, Offshore Structure Design, Ocean Waves and Storm Surge Modeling, Fluid Mechanics, Corrosion and Corrosion Control, Geotechnical Engineering.

Senior Design Project at the University of Rhode Island

- 4-person team project; Working on the development and validation of tsunami detection algorithms by High Frequency Radar off Vancouver Island.



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

**(d) REFERENCES SIMILAR BEACH NOURISHMENT
WORK WITHIN THE LAST (5) YEARS.**



Major Projects Completed
Past Performance
Last 5 Years
2019 through 2024

Great Lakes Dredge Dock Co., LLC

GLDD Prop #	Owner	Project	Contract Number	Type of Work	Equipment Type	Start Date	Completion Date	Project Quantity (CY) or (HRS)	Price of Contract >\$5 million	Point of Contact
72737	USED-Jacksonville	Jacksonville Harbor -40' Lower Terminal Channel	W912EP19D0028	Maintenance Dredging	HO	9/21	5/22	159,000	\$11,340,600	Ms. Tendra N. Thompson (904)232-1051
72770	USED-Jacksonville	USN Mayport / Jacksonville Harbor	W912EP21C0005	Maintenance Dredging	HO	1/21	1/22	2,400,000	\$21,207,400	Ms. Tendra N. Thompson (904)232-1051
84604	Bechtel	Sabine Pass Liquefaction Stg 4 Third Berth Expansion	26012-140-HC2-CM50-00160	New work dredging to create vessel access to marine facilities	HY	9/20	9/21	3,800,000	\$62,700,000	Bechtel - Kan McIntosh (337) 569-4434
72759	USED-Wilmington	South Atlantic Region Harbor Dredging	W912PM20C0030	Maintenance Dredging	HO	1/21	7/21	990,000	\$16,362,450	Ms. Rosalind Shoemaker (910) 251-4436
72789	USED-Jacksonville	Jacksonville Harbor Cut 55 & Lower Terminal Channel	W912EP19D0028	Maintenance Dredging	HO	5/21	6/21	94,000	\$3,272,000	Ms. Tendra N. Thompson (904)232-1051
72765	USED-Jacksonville	Ft. Pierce Beach, FL	W912EP19D0028	Beach Nourishment	HO	12/20	5/21	500,000	\$8,525,750	Claurice M. Dingle (904) 232-1387
72758	USED-Jacksonville	Brevard County, North Beach, FL	W912EP20C0018	Beach Nourishment	HO	12/20	5/21	470,000	\$10,598,625	Griselle Gonzalez-Aquino (904) 232-3972
72736	Town of Oak Island, NC	Oak Island Renourishment Project	10128-01	Beach Nourishment	HY	4/21	5/21	860,000	\$16,876,500	David Kelly II (910)278-5011
72742	USED-Wilmington	Wilmington Harbor Inner Ocean Bar	W912PM20C0021	Maintenance Dredging	HY	9/20	4/21	1,570,000	\$14,656,000	Ros Shoemaker (910) 251-4436
72768	USED-Jacksonville	Kings Bay Entrance Channel, GA and FL	W912EP21C0002	Maintenance Dredging	HO	12/20	3/21	700,000	\$15,844,050	Griselle Gonzalez-Aquino (904) 232-3972
R1369	USED-Galveston	Mouth of the Colorado River, TX	W912HY20C0006	Maintenance Dredging	HY	10/20	12/20	414,300	\$4,945,000	Ms. Debora Wells (409) 766-3943
84727	USED-Mobile	MSCIP Ship Island Restoration	W9127819C0029	Beach Nourishment at MSCIP Ship Island Restoration, Phase 3&4	HY / HO	4/20	12/20	3,790,000	\$59,600,000	Mr. Barry Dailey (251) 694-3722
15908	USED-Philadelphia	Upper Chesapeake C&D Canal, DE and MD	W912BU20C0031	Maintenance Dredging the Upper Chesapeake, C&D Canal in DE and MD	CL	11/20	12/20	355,000	\$8,700,000	Mr. Bill Nash (215) 656-6629
84727	USED-Mobile	MSCIP Ship Island Restoration, Ph 3 & 4	W9127819C0029	Beach nourishment for Ship Island Restoration, Phase 3 & 4, MS	HY / HO	4/20	12/20	3,790,000	\$59,500,000	Mr. Matthew Edwards (251) 957-4370
72740	USED-Jacksonville	Fernandina Harbor, FL	W912EP20C0013	Maintenance Dredging	CL	10/20	11/20	366,000	\$4,317,000	Ms. Tedra Thompson (904)232-1051
R1427	USED-Omaha	Dike L-536, Omaha, NE	37602-SUB-010	Dike Construction	HY	10/20	11/20	300,000	\$6,150,000	Marc Thalheimer (208) 484-7575
15923	USED-New York	Hudson River, NY	W912DS20C0024	Maintenance dredging the Hudson River, NY	CL	10/20	11/20	174,000	\$7,800,000	Mr. Devon Hinds (518) 273-0870
15865	USED-Baltimore	Baltimore Harbor, York Spit Channel, Chesapeake, VA	W912DR20C0006	Maintenance Dredging	HO	5/20	10/20	2,675,000	\$17,573,574	Ms. Qiana Bowman-Spencer (410) 962-5613
72597	USED-Jacksonville	Jacksonville Harbor Deepening, Contract B	W912EP18C0021	Maintenance Dredging	HY	9/18	9/20	5,000,000	\$209,813,750	Ms. Griselle Gonzalez-Aquino (904)232-3972
15860	USED-Philadelphia	Great Egg Peck Beach, NJ	W912BU-19-C-0063	Beach Nourishment	HY	11/19	9/20	3,550,000	\$41,287,285	Ms. Cheley Auguste (215)656-6771
15896	USED-New York	Port Jersey Chanel, NJ	W912DS20C0018	Maintenance dredging Port Jersey Channel, NJ	CL	7/20	9/20	463,000	\$5,200,000	Mr. Jun Yan (917) 790-8437
72717	USED-Wilmington	South Atlantic Region Harbor Dredging	W912PM20C0006	Maintenance Dredging Wilmington, Brunswick, Savannah & Morehead	HO	12/19	7/20	4,470,023	\$24,879,725	Ms. Rosalind Shoemaker (910) 251-4436
72715	Charlotte County, FL	Charlotte County , Sarasota Regional Beaches	Private	Beach Nourishment of Manisota Key and South Beach in Charlotte Co, FL	HO	3/20	5/20	1,160,000	\$29,200,000	Mr. Matt Logan (941)-575-3610
84608	USED-Galveston	Corpus Christi Entrance Channel Deepening	W912HY19C0002	Deepening of the Corpus Christi Entrance Channel, TX	HO	4/19	3/20	6,320,000	\$87,600,000	Mr. Andrew Smith (361) 884-3385
72691	USED-Jacksonville	Kings Bay Entrance Channel, GA and FL	W912EP19C0029	Maintenance Dredging	HO	9/19	3/20	1,000,000	\$15,577,450	Ms. Tedra Thompson (904)232-1051
15879	USED-New York	West of Shinnecock Inlet (WOSI), NY	W912DR20C0006	Emergency Stabilization	HY	2/20	3/20	569,000	\$10,723,250	Ms. Nicole Fauntleroy (917) 790-6139
72707	USED-Jacksonville	Ocean Ridge & Delray Beaches, FL	W912EP-19-F-0287	Beach Nourishment of Delray Beach and Ocean Ridge Segments of Palm Beach Co., FL	HY	2/20	3/20	820,000	\$14,200,000	Mr. James Long (775)-530-5630
72714	USED-Savannah	Tybee Island, GA	W912HN20C5002	Beach Nourishmentof Tybee Island, GA	HY	11/19	2/20	1,240,000	\$13,800,335	Ms. Whittni C. Hiscox (912)652-5421



**Major Projects Completed
Past Performance
Last 5 Years
2019 through 2024**

Great Lakes Dredge Dock Co., LLC

GLDD Prop #	Owner	Project	Contract Number	Type of Work	Equipment Type	Start Date	Completion Date	Project Quantity (CY) or (HRS)	Price of Contract >\$5 million	Point of Contact
15863	USED-Philadelphia	IWW Delaware River to Chesapeake Bay	W912B19C0062	Maintenance Dredging	CL	10/19	2/20	555,210	\$11,682,025	Mr. Robert W. Hutcheon (215) 656-2291
84608	USED-Galveston	Corpus Christi Ship Channel, TX Channel Improvement Project Phase 1, Entrance	W912HY19C0002	Maintenance / New Work at Corpus Christi Ship Channel, TX	HO	6/19	2/20	6,300,000	\$87,600,000	Mr. Andrew Smith (361) 884-3385
R1307	USED-Galveston	West Fort, San Jacinto, TX	W9126G18C0044	West Fort of the San Jacinto, Emergency Debris Removal	HY	7/18	1/20	2,325,000	\$85,750,000	Mr. Ralph Steiner (281) 464-1016
84691	USED-Galveston	Galveston Entrance Inner / Outer Bar Chnl	W912HY19C0006	Maintenance dredging, ocean disposal & beach restoration at Galveston Island	HO	8/19	12/19	1,990,000	\$17,800,000	Mr. Ralph Steiner (281) 464-1016
15857	USED-Philadelphia	Townsend Inlet, Avalon & Stone Harbor, NJ	W912BU-19-C-0041	Beach renourishment	HY	10/19	11/19	650,000	\$9,000,000	Mr. Christian Bickings (609) 569-0135
15859	USED-Philadelphia	Rehoboth & Dewey Beaches, DE	W912BU-19-C-0051	Beach renourishment	HO	10/19	11/19	500,000	\$8,000,000	Mr. Christian Bickings (609) 569-0135
15829	USED-Philadelphia	Cape May Beach Renourishment, NJ	W912BU-19-C-0026	Beach renourishment	HO	9/19	9/19	340,000	\$9,000,000	Mr. Christian Bickings (609) 569-0135
84721	Freeport LNG	Freeport LNG	Private	Maintenance dredging Freeport, TX	CL	7/19	8/19	300,000	\$3,800,000	Ms. Colleen Kallestad (713) 333-4254
R1307	USED-Galveston	West Fork, San Jacinto Debris Removal	W9126G18C0044	Dredging the West Fork San Jacinto River - Debris Removal, TX	HY	10/18	8/19	2,325,000	\$88,000,000	Mr. Alton Meyer (409) 766-3185
R1102	City of Decatur, IL	Lake Decatur, Phase 2 Decatur, IL	W1314	Lake Decatur Dredging of Basins 1 4 & Rehabilitation of Oakley Sediment Basin	HY	9/16	8/19	11,698,724	\$87,578,600	Mr. Jerald Stevens (217) 424-2833
72641	USED-Jacksonville	Tampa Harbor, Egmont, FL	W912EP-18-C-0023	Maintenance and New Work Dredging from Big Bend Channel of Tampa Harbor	HO	11/18	6/19	414,000	\$12,700,000	Ms. Erin Duffy (904)-610-6595
15741	USED-New York	Long Beach Storm Damage Reduction, NY	W912DS18C0003	Hurricane and Storm Damage Reduction	HY	6/18	5/19	4,122,945	\$51,395,435	Mr. Justin Helfman (917) 790-8389
84510	USED-Mobile	MSCIP Barrier Island Restoration, Phase 1	W91278-17-C-0008	Carnille Cut Breach Closure, Ship Island	HO	7/17	5/19	7,538,000	\$96,500,000	Mr. Nate Lovelace (251) 694-3713
15779	USED-Philadelphia	Inland Waterway (IWW) C&D Canal	W912B18C0027	Maintenance Dredging	CL	12/18	4/19	359,567	\$7,183,435.00	Mr. Robert W. Hutcheon (215) 656-2291
72662	Town of Emerald Isle	Emerald Isle & Indian Beach, NC	Private	Beach Renourishment at Emerald Isle and Indian Beach, NC	HO	3/19	4/19	975,000	\$20,300,000	Mr. Johnny Martin (919) 781-4626
72606	USED-Jacksonville	Tampa Harbor, Big Bend Channel, FL	W912EP-18-C-0028	Maintenance and New Work Dredging of Big Bend Channel of Tampa Harbor	HY	10/18	3/19	3,300,000	\$59,500,000	Ms. Erin Duffy (904)-610-6595
15771	USED-New York	Fire Island Inlet, NY	W912DS-18-C-0017	Maintenance Dredging	HY	12/18	3/19	1,850,000	\$26,800,000	Mr. William Vantepool (917) 790-8535
84676	USED-New Orleans	Miss Rvr Baton Rouge-Gulf SW Pass 5-19	W912P8-19-C-0017	Equipment rental for dredging Mississippi River, Baton Rouge to Gulf of Mexico	HO	2/19	3/19	1,550	\$8,350,000	Ms. Diane Robinson (504) 862-1494
R1300	Coastal Protection and Restoration Authority	Cole's Bayou Marsh Restoration	TV-0063	Marsh Restoration	HY	10/18	3/19	1,190,688	\$12,387,446	Allison Richard (225) 342-7308
R1102	City of Decatur	Lake Decatur Sediment Basin	W1314	Maintenance & New Work Reservoir Dredging	HY	11/14	12/18	10,735,000	\$89,250,000	Mr. Keith Alexander (217) 424-2863
15761	USED-New York	Hudson River, NY	W912DS-18-C-0009	Maintenance Dredging the Hudson River, NY	HO	10/18	11/18	200,000	\$5,900,000	Mr. Robert Berrian (518)-273-0870
15699	Port of Philadelphia	Packer Ave Marine Terminal, PA	17-066.9	Dredging Marginal Berths	CL	8/18	10/18	68,210	\$2,350,310	Ms. Lisa Magee (215) 426-2600
15765	USED-Philadelphia	Delaware River	W912BU-15-C-0054 mod	Delaware River Hydrohammer Rock with NY	HY	7/18	9/18	310,000	\$14,000,000	Mr. Ryan Moore (215) 656-6740
15720	USED-Philadelphia	Bethany / S. Bethany / Fenwick Beaches, DE	W912BU-17-C-0031	Beach Renourishment at Bethany / S. Bethany and Fenwick Beaches, DE	HO	6/18	8/18	1,400,000	\$18,600,000	Mr. Christian Bickings (609) 569-0135
84564	Cheniere LNG	LaQuinta Ship Channel, TX	Private	New work dredging of the LaQuinta Ship Channel, Corpus Christi, TX	HY	6/18	8/18	685,000	\$21,800,000	Mr. Chris Ryan (281) 702-4608
84414	State of Louisiana	NRDA Callou Lake Headlands	TE-100	Barrier Island Constructon	HY	4/16	7/18	10,440,000	\$102,500,000	Mr. Brad Miller (225) 342-4122
72601	USED-Jacksonville	Ft. Pierce, FL	W912EP-13-D-0007 Task Order W912EP-18-F-0026	Beach Renourishment of Ft. Pierce, FL	HO	4/18	6/18	500,000	\$8,000,000	Mr. Tony Jettinghoff (561) 472-3528
84345	Cheniere LNG	Corpus Christi Liquefaction Terminal, TX	Private	New Work dredging of the Corpus Christi Liquefaction Terminal in Portland, TX	HY	1/16	6/18	4,270,000	\$88,500,000	Mr. Tom Salter (361) 229-7275
15744	City of Virginia Beach	Chesapeake Beach Renourishment, VA	Private	Beach Renourishment	HY	4/18	5/18	400,000	\$5,100,000	Mr. Rommel Tamayo (757) 385-4511
72595	USED-Jacksonville	Martin County, FL	W912EP-13-D-0003 Task Order W912EP-17-F-0115	Beach Renourishment of Martin County, FL	HO	3/18	5/18	424,000	\$8,700,000	Mr. Tony Jettinghoff (561) 472-3528



Major Projects Completed
Past Performance
Last 5 Years
2019 through 2024

Great Lakes Dredge Dock Co., LLC

GLDD Prop #	Owner	Project	Contract Number	Type of Work	Equipment Type	Start Date	Completion Date	Project Quantity (CY) or (HRS)	Price of Contract >\$5 million	Point of Contact
72614	USED-Savannah	Tybee Island, GA	W912HN-18-C-5001	Beach Renourishment of Tybee Island, GA	HY	4/18	4/18	250,000	\$5,000,000	Mr. Burt Moore (912) 652-6086
72599	USED-Jacksonville	Brevard County, FL	W912EP-13-D-0007 Task Order W912EP-18-F-0017	Beach Renourishment of North and South Reach, Brevard County, FL	HO	2/9/18	4/18	1,100,000	\$16,600,000	Mr. Paul Cotter (904) 232-2162
84569	USED-Mobile	Gulfport Harbor Bar Channel, MS	W91278-17-C-0029	Maintenance dredging of the Gulfport Harbor Bar Channel, MS	HO	10/17	4/18	3,850,000	\$7,350,000	Mr. Steven Reid (251) 957-6019
72589	City of Isle of Palms, SC	Isle of Palms, SC	RFB 2017-05	Beach renourishment at Isle of Palms, SC	HY	1/18	3/18	1,680,000	\$13,600,000	Mr. Steven Tranum (Coastal Science) 803-799-8949
15687	State of New Jersey	Beach Haven & Holgate Beaches, NJ	4288-17	Beach renourishment at Beach Haven and Holgate Beaches, NJ	HY	1/18	3/18	700,000	\$18,500,000	Mr. Bill Dixon (732) 255-0767
15724	USED-Philadelphia	IWW Upper Chesapeake, DE and MD	W912BU-17-C-0041	Maintenance dredging of Interoceanal Waterway, Upper Chesapeake, DE & MD	CL	12/17	2/18	651,617	\$9,900,000	Mr. Gregory Keaton (215) 656-6927
72445	USED-Savannah	Savannah Harbor Expansion Project (SHEP)	W912HN-15-C-0005	Deepening the Savannah Harbor, GA	HY / HO	12/15	1/18	11,255,000	\$114,000,000	Mr. Burt Moore (912) 652-6086
84414	State of Louisiana	NRDA Caillou Headlands, LA	Private	Beach Nourishment at Whiskey Island, LA	HY	7/17	12/17	10,450,000	\$102,500,000	Mr. Brad Miller (225) 342-4122
15717	USED-Philadelphia	Delaware River, Philadelphia to the Sea	W912BU-17-C-0044	Maintenance dredging of the Delaware River, Philadelphia to the Sea, PA	HY	10/17	12/17	1,500,000	\$16,000,000	Mr. Ryan Moore (215) 656-6740
15685	USED-Baltimore	Atlantic Coast Beaches, Ocean City, MD	W912DR-17-C-0025	Beach renourishment of Atlantic Coast Beaches, Ocean City, MD	HO	10/17	12/17	906,000	\$12,900,000	Mr. Gary Faykes (410) 962-0192
15707	USED-Philadelphia	Peck Beach, Ocean City, NJ	W912BU-17-C-0028	Beach renourishment of Peck Beach, Ocean City, MD	HY	11/17	12/17	1,277,000	\$13,200,000	Mr. Christian Bickings (215) 687-9038
15666	USED-New England	Boston Harbor CAD Cell	W912WJ-16-C-0036	Maintenance at Boston Harbor CAD Cell, MA	CL	7/27	11/17	1,701,019	\$12,300,000	Mr. Nicholas Skianes (978) 318-8968
72571	USED-Charleston	Myrtle Beach, SC	W912HP-17-B-0003	Beach renourishment of Reach 1 and 3 in Myrtle Beach, SC	HO	8/17	10/17	1,315,000	\$28,800,000	Mr. Kevin Widener (743) 329-2339
72506	Dare County	Dare County Beaches, NC	154521	Hawk and Kill Devil Hills, Dare County, NC	HO	5/17	10/17	3,800,000	\$39,500,000	Mr. Ken Wilson (APTIM) (910) 791-9494
15675	USED-Philadelphia	Delaware River, Philadelphia to the Sea	W912BU-17-C-0006	Maintenance dredging of the Delaware River, Philadelphia to the Sea, PA	HY	6/17	9/17	4,100,000	\$21,700,000	Mr. Ryan Moore (215) 656-6740
72553	USED-Jacksonville	US Naval Station, Mayport, FL	W912EP-13-D-0007-0014	Maintenance dredging at US Naval Station, Mayport, FL	CL	5/17	8/17	1,620,000	\$11,150,000	Mr. Paul Cotter (904) 232-2162
15640	USED-New York	Fire Island Contract 3A, NY	W912DS-15-C-0019	Beach Nourishment	HO	8/16	7/17	1,833,000	\$30,250,000	Mr. Orlando Nieves (917) 790-8078
15656	USED-Philadelphia	Townsend & Hereford Inlets, NJ	W912BU-17-C-0007	Beach renourishment at Townsend and Hereford Inlets, Avalon & Stone Hbr, NJ	HY	3/17	6/17	1,600,000	\$21,300,000	Mr. Christian Bickings (609) 569-0135
15613	USED-Norfolk	Willoughby Spit, VA	W91236-16-C-0003	Beach Renourishment at Willoughby Spit to Little Creek Inlet, VA	HO	2/17	5/17	1,200,000	\$34,800,000	Mr. Quincy McNeil (757) 201-7136
72561	USED-Wilmington	Morehead City Harbor Ocean Bar, NC	W912PM-17-C-0002	Maintenance dredging of Morehead City Harbor Ocean Bar	HY	3/17	5/17	625,000	\$9,000,000	Ms. Charlene Higgins (910) 251-4473
72527	USED-Jacksonville	Duval County Beaches, FL	W912EP-13-D-0007-0013	Shore Protection at Duval County, FL	HO	9/16	5/17	1,007,000	\$22,180,000	Mr. Paul Cotter (904) 232-2162
15654	USED-Baltimore	Baltimore Harbor & Channels, MD	W912DR-16-C-0038	Maintenance Dredging of Boston Harbor and Channels, MD	CL	3/17	5/17	1,224,664	\$14,500,000	Ms. Tiffany Burroughs (410) 962-5677
15664	USED-Philadelphia	Cape May Inlet, NJ	W912BU-16-C-0058	Beach nourishment at Cape May Inlet, NJ	HY/HO	2/17	4/17	760,000	\$18,100,000	Mr. Christian Bickings (609) 569-0135
84379	State of Louisiana	Shell Island West, LA	BA-111	NRDA Restoration Project at Shell Island, West, Louisiana	HY	9/15	3/17	4,150,000	\$71,750,000	Mr. Robert Routon (225) 342-7549
84423	N.O.A.A.	BA-76 CHENIERE RONQUILLE BARRIER ISLAND, LA	WC133F-16-CN-0007	Beach Nourishment, Dredging and Construction	HY	9/16	3/17	2,631,400	\$27,236,680	Nicholas DeGuire (816) 426-2367
15578	USED-Philadelphia	Delaware River, DE	W912-15-C-0054	New work and blasing of Delaware River Rock Reach B	CL	12/15	3/17	500,000	\$110,000,000	Mr. Ryan Moore (215) 656-6740
15661	USED-Philadelphia	IWW, Upper Chesapeake Bay, MD	W912BU-16-C-0052	Maintenance Dredging Inland Waterway, Upper Chesapeake Bay, MD	CL	3/17	3/17	380,322	\$6,600,000	Mr. David O'Connor (215) 656-6915
22568	Al Ekbar Construction SPC	Busaiteen Reclamation Project, Bahrain	Private	Dredging and Reclamation	HO	6/16	1/17	1,260,000	\$6,310,000	Mr. Abdul Kalam 973-3961-0010
R1229	USED-Memphis	Miss River & Harbor, KY, MO, AR & TN	W912EQ-16-D-0002	Rental of equipment to deepen Mississippi River Harbor	HY	8/16	1/17	3,940,000	\$16,360,000	Mr. Don Mayor (901) 544-3764
15672	USED-New York	East Rockaway Inlet, NY	W912DS-17-C-0002	Maintenance dredging of East Rockaway Inlet, NY	HY	12/16	1/17	192,835	\$4,800,000	Mr. Michael Oseback (917) 970-6156
15607	USED-Philadelphia	Naval Reserve Basin, Delaware River, PA	W912BU-15-C-0053	Maintenance dredging at Naval Reserve Basin, Delaware River	CL	9/15	1/17	200,000	\$17,500,000	Mr. Ryan Moore (215) 656-6740
15642	USED-Philadelphia	Dewey & Rehoboth Beach, DE	W912BU-16-C-0003	Beach nourishment at Dewey & Rehoboth Beaches, DE	HO	11/16	12/16	620,000	\$11,100,000	Mr. George Bock (215) 656-6787
15640	USED-New York	Fire Island, NY	W912DS-15-C-0019	Beach Renourishment of Fire Island, Contract 3A, NY	HO	10/16	12/16	1,510,000	\$26,800,000	Mr. Ryan Ferguson 917-790-6156



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

**(e) TURBIDITY MONITORING EXPERIENCE
NOURISHMENT WORKS WITHIN THE PREVIOUS FIVE (5) YEARS.
SCOPE OF WORK AND RESUMES FOR THE INDEPENDENT
THIRD PARTY TURBIDITY MONITORING.**

BEACH & DUNE NOURISHMENT



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ceanside Solutions has derived our core business through Beach Nourishment and Dune Restoration projects over the years.

Our staff has the expertise to provide the necessary resources for a successful beach project. Our Hydro-Team consists of licensed professionals committed to providing Professional Survey and Mapping (PSM), Coastal and Oceanographic Engineering, Environmental Monitoring as well as Construction Administration for all levels of beach projects.

OCEANSIDE PM project tracking was developed to enhance lines of communication on dune restoration truck haul projects as well as large scale Shore Protection Projects (SPP). We believe Quality Control and communication is paramount to the success of any beach project.



PROJECT EXPERIENCE:

DUVAL COUNTY

Kings Bay SPP (2017)
Jax Beach SPP (2017)

BREVARD COUNTY

Sebastian Inlet (2017)
Brevard County SPP (2012)

ST LUCIE COUNTY

Fort Pierce SPP (2015)
St Lucie Inlet (2015)
Fort Pierce SPP (2014)
Fort Pierce SPP (2013)
DMMA M5 State Park (2013)

MARTIN COUNTY

Hutchinson Island (2013)

INDIAN RIVER COUNTY

Vero Beach Dune (2015)
Vero Beach Sector 3 (2010)
Vero Beach Sector 3 (2011)
Vero Beach Sector 3 (2012)
Orchid Island Dune (2013)
Disney's Vero Beach Resort
Dune Project (1999 - 2007)

PALM COUNTY

Phipps Ocean Park (2016)
Fort Pierce SPP (2014)
Fort Pierce SPP (2013)
St Lucie Inlet (2015)

DADE COUNTY

Key Biscayne SPP (2014)
Bakers Haulover Inlet (2013)

CLIENTS:

Great Lakes Dredge & Dock
Manson Construction
Ranger Construction
Guettler Construction
Disney's Vero Beach Resort
Town of Orchid Island
Indian River County Parks
ACOE Jacksonville District



US Army Corps
of Engineers
Jacksonville District



Ranger
Construction



PROJECT EXPERIENCE (State of Florida)

Oceanside has provided turbidity monitoring on the following recent projects, since 2020 and twice on Captiva Island;

1. Key Biscayne Emergency Beach Nourishment Project 2024 (PRIVATE)
2. Mid-South Reach Renourishment Brevard County SPP 2023-2024 (USACE)
3. St. Augustine Beach Renourishment St Johns County 2024 (USACE)
4. Collier County Beach Truck-haul Projects 2021 & 2022 (COUNTY)
5. Fernandina Harbor Maintenance Dredging 2023 (USACE)
6. Kings Bay Maintenance Dredging Nassau County 2023 (USACE)
7. Fort Pierce Renourishment SPP 2023 (USACE)
8. Kings Bay Maintenance Dredging Nassau County 2022 (USACE)
9. IRC Sector 3 Beach and Dune Restoration Project Phase 2 - 2021-2022 (COUNTY)
- 10. Captiva Island SPP 2021-2022 (COUNTY)**
11. Ft Pierce Renourishment Project SSP 2021 (USACE)
12. Vilano Beach Renourishment St Johns County 2020 (USACE)
- 13. Captiva & Sanibel Island SPP 2014-2015 (COUNTY)**

PERSONNEL

Oceanside shall provide the following professionals for Turbidity and Disposal Monitoring. All staff has been training in water quality monitoring and has proven field experience in turbidity monitoring, collection, and reporting on similar beach fill construction and dredging projects. Our personnel qualifications can be found as highlighted in the included Curriculum Vitae (CV) of each Oceanside Solutions Employee – OCEANSIDE CV's.

KEY QUALIFICATIONS

Mr. Doto has an excellent reputation in the industry as a creative and innovative coastal engineer specializing in marine projects. He has over 25 years of combined project experience working with *Walt Disney Imagineering* directing and planning marine development projects. Specifically, managed the survey & mapping and provided QC/QA management, environmental compliance, hydrographic surveys, GIS for planning & development, coastal/civil engineering, LiDAR, aerial mapping, land transactions architecture, and design for all levels of construction.

As a true coastal & oceanographic engineer, he has dually served as the manager of coastal development projects for *Norwegian Cruise line, Disney Cruise Line, Tortola Port Authority, Hong Kong Disneyland Development, Tokyo Sea Resort, and Castaway Cay, Abacos Bahamas.*

EDUCATION

- Master of Science in Coastal & Oceanographic Engineering, University of Florida
- Bachelor of Science in Civil & Environmental Engineering, University of Central Florida
- Master of Business Administration, Stetson University (March 2020)
- Fire & Rescue Academy, Lake County, Florida

REGISTRATIONS & AFFILIATIONS

- Florida Professional Surveyor & Mapper PSM No. 6789
- Society of Accredited Marine Surveyors
- Florida Beach and Shore Preservation Association
- Certified Firefighter, EMT, Fire Safety Inspector
- American Society of Civil Engineers
- PADI Scuba Diver
- Florida Shore and Beach Preservation Association
- Florida Survey & Mapping Society
- Urban Land Institute
- LEED AP Certified
- Certified Open Ocean Life Guard (FL)
- University of Florida Alumni Association
- Western Eastern Dredging Association
- MTS Marine Technology Society

HYDROGRAPHIC SURVEY & MONITORING PROJECT EXPERIENCE

- USACE Brevard County SPP Dredging, FL (2018-20) – Surveyor of Record & Monitoring
- USACE Jacksonville Beach Renourishment, FL (2018-19) – Surveyor of Record & Monitoring
- USACE Kings Bay Maintenance Dredging, FL (2018-19) – Surveyor of Record & Monitoring
- Cargo Berth 8 – Port Canaveral Harbor, FL (2018) – Surveyor of Record & Monitoring
- Canaveral ODMS Survey, FL (2018) – Surveyor of Record & Monitoring
- USACE Palm Beach Emergency Dredging, FL (2018) – Turbidity Monitoring / Compliance Report
- USACE Jacksonville Harbor Deeping Project, FL (2018-19) – Surveyor of Record & Monitoring
- Ocean Cay Development, Bahamas (2018) – 3D Laser Scan - Surveyor of Record
- USACE Kings Bay Maintenance Dredging, FL (2017-18) – Surveyor of Record & Monitoring
- USACE Brevard County Beach Renourishment, FL (2016-17) – Surveyor of Record & Monitoring
- USACE Martin County Beach Renourishment, FL (2018) – Surveyor of Record & Monitoring
- USACE Ft. Pierce Beach Renourishment, FL (2018) – Surveyor of Record & Monitoring

- USACE Kings Bay Maintenance Dredging, FL (2016-17) – Surveyor of Record & Monitoring
- USACE Ft. Pierce Beach Renourishment, FL (2015-16) – Surveyor of Record & Monitoring
- Kings Bay Inlet Examination Survey, St. Johns County (2017) - Surveyor of Record & Monitoring
- Port Everglades Berth 30, 31 & 32 Maintenance Dredging (2017) - Surveyor of Record & QA Engineer
- Grand Bahamas Shipyard Investigation Survey (2017) - Surveyor of Record & QA Engineer
- Harvest Caye Port Development - NCL Cruise line (2014-17) - Coastal Engineer & Survey of Record
- Tortola Port Authority – Berth Rehab (2015-16) - Dredge Consultant & Surveyor of Record
- Castaway Cay Post-Storm Survey - Disney Cruise Line's (2017) - Coastal Engineer & Survey of Record
- Cape Canaveral CT4,5,6,8,10, CB5 & 6 Port Expansion (2013-15) - Surveyor of Record & QA Engineer
- USACE Miami Harbour Government Cut Reef Project (2014-15) - Surveyor of Record & QA Engineer
- USACE Ft Pierce Beach Storm Protection (2013,14 &15) - Surveyor of Record & Monitoring
- Indian River County Dune Project Sector 3 Phase 1, 2 & 3 (2015) - Surveyor of Record & QA Engineer
- Port of Canaveral Disposal Site Survey - Sand Trap (2013) Surveyor of Record
- Port of Canaveral OSMDMS Surveys (2012 - 2013) - Surveyor of Record
- Ft Pierce City Marina Storm Protection (2012 - 2014) - Surveyor of Record & QA Engineer
- St Lucie DMMA Site As-built (2014) - Surveyor of Record & QA Engineer
- USACE Jupiter / Carlin Beach Nourishment Project (2014) - Surveyor of Record & Monitoring
- Hydrographic Survey of Borrow Area, Side-scan Sonar Survey

Justin Collett

Project Engineer / Master Captain / Hydrographic Operations



KEY QUALIFICATIONS

Mr. Collett is an experienced Hydrographic Surveyor with over twelve years of hands-on experience working in the marine and environmental industry supporting a dredge fleet; including engineering, survey, and management operations. Managed many large-scale coastal construction projects, domestically and internationally, as a Project Engineer / Surveyor on many projects worldwide. An adaptable surveyor, who acquires skills quickly and employs creative solutions to field operation hurdles. Technical expertise in multiple software packages, survey sensors and instrument troubleshooting and all levels of dredge equipment. Proficient in USACE quality control procedures and adherence to contract specifications and design plans.

Professional Experience

Responsible for quality control, hydrographic and terrestrial surveys, daily production monitoring, dredge positioning/telemetry, contract reporting, and engineering liaising with US Army Corps of Engineers and local government. Perform scheduling and cost estimating in support of civil works dredging utilizing terrestrial and hydrographic survey data for measurement and payment. **Experience in environmental monitoring and compliance for all levels of dredge projects.**

Notable projects and experience include:

- Oceanside Solutions – Senior Project Surveyor for Hydrographic Operations (2021 – Present) Brevard Grand Canal Survey, Sykes Creek Muck Removal Surveys, Port Canaveral NCB3 Hydrographic Survey, Boca Raton Beach Nourishment, Disney Castaway Cay Dredge Design QC Engineering, **Fernandina Harbor Maintenance Dredging, Kings Bay Beach Nourishment & Maintenance Dredging Projects**, Disney Castaway Cay Post-Hurricane Hydrographic Surveys, Long Island Bahamas and Dredge Consultant, Antigua Maintenance Dredging Surveys
- National Oceanic and Atmospheric Administration (NOAA) – Science Technician (2020 - 2021)
- Weeks Marine – Field Engineer (2015 to 2020)
- LUMCON - Chief Mate (2014 – 2015)

Technical Proficiencies

Hypack and Hysweep Hydrographic Survey Software | Marine Magnetics Magnetometers | Real Time Kinematic Positioning Systems (RTK) | DGPS & Omnistar Vector systems for positioning and heading | Inertial Navigation Systems (INS) | Single and multiple frequency echo-sounder systems | Caterpillar construction machine guidance systems | Wave Buoys, Telemetry | **LeMotte Turbidity Meters**

Education & Training Certifications

Bachelor of Science, Marine Biology, University of North Carolina 2010

Associate of Science, Marine Technology, Cape Fear College Wilmington 2015

Formal Water Quality for Beaches & Dredging (Turbidity Monitoring Training)

Environmental Compliance Mapping (Turbidity Monitoring Training)

Scholarship for Merit, 100 Ton Masters Captain License, Class A CDL, OSHA 30 Construction Safety and Health Training, USACE/NAVFAC Quality Control Certification & CQC/CQA RMS Training, PADI Open Water Dive Certification, TWIC Card Holder, Adult CPR/AED & First Aid AED Certified, **Turbidity Monitoring Certified.**

Corey A. Durno

Project Engineer / Senior Project Surveyor



KEY QUALIFICATIONS

Mr. Durno is an extensive experienced in the marine industry as a Project Engineer and Lead Senior Project Surveyor with over thirteen years of technical experience with navigations systems. He developed core marine surveying as a lead cartography analyst with Garmin International for nine years. Later provided support for a the largest a dredge fleet in the Northern United States, including engineering, survey, and management operations for a large dredge provider of land reclamation and shore replenishment services. Managed many large-scale coastal construction projects as the lead hydrographic surveyor. An adaptable surveyor, who acquires skills quickly and employs creative solutions to field operation hurdles. Technical expertise in multiple software packages and instrument troubleshooting and all levels of dredge equipment. Proficient in training SBES and MBES acquisition process and adherence to contract specifications and design plans.

Professional Experience

Responsible for quality control, including (but not limited to) hydrographic and terrestrial surveys, daily production monitoring, dredge positioning/telemetry, contract reporting, and engineering liaising with US Army Corps of Engineers and local government. Perform scheduling and cost estimating in support of civil works dredging utilizing terrestrial and hydrographic survey data for measurement and payment. **Experience in environmental monitoring and compliance for all levels of dredge projects.**

Notable experience include:

- Oceanside Solutions – Senior Project Surveyor – Hydrographic Operations (2022-Present)
- Michels Corporation – Lead Hydrographic Surveyor (2021-2022)
- Garmin International – Senior Marine Surveyor & Cartography Analyst (2013 – 2022)
- Garmin International – GIS Field Technician Lead (2010 – 2013)

Technical Proficiencies

Hypack and Hysweep Hydrographic Survey Software | Trimble Geomatics Office & Business Center | Real Time Kinematic Positioning Systems (RTK) | Global Positioning Systems (GPS) | DGPS & Omnistar Vector systems for positioning and heading | Navigation Systems (INS) | Single and multiple frequency echo-sounder systems | AutoCAD | Water level and electronic tide sensors | Microsoft Excel, **LeMotte Turbidity Meters**

Education & Training Certifications

Bachelor of Science, Cartography & Geography , University of Florida 2009
USCG Certificate of Boating Safety (FL)

Formal Water Quality for Beaches & Dredging (Turbidity Monitoring Training)

Environmental Compliance Mapping (Turbidity Monitoring Training)

OUPV Captain License, QPS Quincy, Western Dredging Association Member, Class A CDL, OSHA 30 Construction Safety and Health Training, USACE/NAVFAC Quality Control Certification & CQC/CQA RMS Training, TWIC Card Holder, Adult CPR/AED & First Aid AED Certified

James A. Walker
Project Engineer / Hydrographic Surveyor



KEY QUALIFICATIONS

Mr. Walker is a Project Engineer with Oceanside for 8 years and has over twenty-two (22) years of beach construction experience working in the marine industry as the field surveyor. His expertise includes beach / dredge surveys, environmental monitoring, soil sampling, data collection, field operations, Quality Control and Quality Assurance with construction on beach nourishment projects throughout Florida and the Caribbean Islands.

Mr. Walker is a USACE approved and is a OSHA certified CRAB operator with a range of project experience in turbidity monitoring, RTK GPS, hydrographic surveys, site inspections, implementation of project technical specifications, and construction drawings. He has a strong diving and boating background to compliment his technical expertise. A well-rounded hard-working surveyor that can handle any project in remote locations.

Certifications & Training:

- Certified Open Ocean Life Guard (FL)
- Certified CRAB Operator
- US Red Cross First Aid Certified
- USCG Certificate of Boating Safety (FL)
- TWIC Card Holder
- ODOM Single Beam Survey Training
- Class A Drivers License
- Hypack Navigation Training
- Formal Water Quality for Beaches & Dredging (Turbidity Monitoring Training)
- Environmental Compliance Mapping (Turbidity Monitoring Training)

Professional History:

Project Engineer	Oceanside Solutions LLC	Satellite Beach, FL	2016 to Pres
Surveyor / CRAB Operator	Oceanside Solutions LLC	Orlando, FL	2013 to 2016
Surveyor / CRAB Operator	Great Lakes Dredge & Dock	Oakbrook, IL	2005 to 2014
Survey Technician	Gahagan & Bryant Associates	Tampa, FL	2001 to 2005

- Lead surveyor for beach projects, control work, and per/post construction surveys and deployment of all survey vessels and environmental turbidity monitoring services. This includes calibration of turbidity sampling, compliance reporting, survey systems, RTK GPS rover /base control work, project survey oversight, and dive probe sampling.
- Responsible for quality control, hydrographic and topographic surveys, daily survey oversight, monitoring.

Technical Proficiencies:

Hypack Hydrographic Survey Software | Real Time Kinematic Positioning Systems (RTK) | Global Positioning Systems (GPS) | Single and multiple frequency echo-sounder systems | Water level and electronic tide sensors | Microsoft Excel | **LeMotte 2020 & other Turbidity Meters**

HYDROGRAPHIC SURVEY & **MONITORING PROJECT EXPERIENCE**

- **USACE Brevard County SPP Dredging, FL (2018-20) – Turbidity Monitoring & Surveyor**
- USACE Jacksonville Beach Renourishment, FL (2018-19) – Lead Surveyor – Pre/Post Surveys
- **USACE Kings Bay Maintenance Dredging, FL (2018-19) – Turbidity Monitoring & Surveyor**
- Cargo Berth 8 – Port Canaveral Harbor, FL (2018) – Survey Operations
- Canaveral ODMDS Survey, FL (2018) – Multibeam Surveyor
- **USACE Palm Beach Emergency Dredging, FL (2018) – Turbidity Monitoring / Compliance Report**
- USACE Jacksonville Harbor Deeping Project, FL (2018-19) – Multibeam Surveyor
- Ocean Cay Development, Bahamas (2018) – 3D Laser Scan - Surveyor
- **USACE Kings Bay Maintenance Dredging, FL (2017-18) – Turbidity Monitoring & Surveyor**
- USACE Brevard County Beach Renourishment, FL (2016-17) – Lead Surveyor
- USACE Martin County Beach Renourishment, FL (2018) – Lead Surveyor
- USACE Ft. Pierce Beach Renourishment, FL (2018) – Lead Surveyor
- **USACE Kings Bay Maintenance Dredging, FL (2016-17) – Turbidity Monitoring & Surveyor**
- **USACE Ft. Pierce Beach Renourishment, FL (2015-16) – Turbidity Monitoring & QC Surveyor**
- USACE Tampa Harbor Channel Maintenance, FL (2016) – Hydro Surveyor / Pre/Post Surveys
- **Harvest Caye Development, Belize (2014-17) – Turbidity Monitoring & QC Engineer/Surveyor**
- Port of Miami Artificial Reef Project, FL (2015) – Multibeam Surveyor
- USACE Tampa Harbor Channel Maintenance, FL (2015) – Pre-Post Surveys & QC Surveyor
- USACE Ft. Pierce Beach Renourishment, FL (2014-15) – QC Surveyor
- **USACE Palm Beach SPP Nourishment Project, FL (2014) – Turbidity Monitoring / Compliance**
- British Virgin Islands, Tortola Pier Rehab (2014-15) – Project Engineer/ Hydro Surveyor
- IRC Vero Beach Dune Project, FL (2015) – Beach Surveyor – Surveys / Surveyor
- USACE Brevard County Beach Renourishment, FL (2013) – CRAB Operator & Field Surveyor
- Jupiter Inlet Beach Nourishment Project (2014) – CRAB Operator & Field Surveyor
- **Bal Moor Harbor Beach Project, Miami, FL (2013) - Turbidity Monitoring & Surveyor**
- Sanibel & Captiva Beach Nourishment Project (2014) – CRAB Operator & Field Surveyor
- Martin County Beach Nourishment Project (2013) – Field Surveyor & Swimmer
- Saint Lucie Beach Nourishment Project (2013) – Field Surveyor & Swimmer
- Fort Pierce Beach Nourishment Project (2013) – Field Surveyor & Swimmer
- Boca Raton Beach Nourishment Project (2010) – CRAB Operator & Field Surveyor
- Delray Beach Nourishment Project (2009) – CRAB Operator & Field Surveyor
- Cocoa Beach Nourishment Project (2006) – CRAB Operator & Field Surveyor
- St John's Beach Nourishment & Maintenance Dredging Projects (2006-08) – CRAB Operator

Hobbies:

Surfing, traveling, exploring islands in the Caribbean, and spending time with family and friends.

HYDROGRAPHIC SURVEY & MONITORING PROJECT EXPERIENCE

- **USACE Brevard County SPP Dredging, FL (2020) – Turbidity Monitoring & Surveyor**
- **Indian River Lagoon Project – Rockledge 'A' Muck Removal (2020) – Turbidity Mon & Survey**
- **Indian River Lagoon Project – NASA Causeway Muck Removal (2020) – Turbidity Mon & Survey**
- **Indian River Lagoon Project – Railroad West Muck Removal (2020) – Turbidity Mon & Survey**
- **Indian River Lagoon Project – Railroad East Muck Removal (2020) – Turbidity Mon & Survey**
- **USACE Brevard County SPP Dredging, FL (2018-19) – Turbidity Monitoring & Surveyor**
- **Gov Contracts NDA - Offshore Locations US & International (2009 – 18) Geophysical Surveyor**
- **RPS Cocoa Beach, FL - Turbidity Monitoring & Marine Mammal Observer**

Hobbies: Health training, vacation, and spending time with family and friends.

Matthew Rumble
Project Surveyor / Beach Operations



KEY QUALIFICATIONS

Mr. Rumble is a Project Surveyor with five (5) years of experience in professional survey and mapping project and site construction. His expertise includes beach topographic surveys, environmental monitoring for estuary projects, deployment of vibracore equipment, and beach operations.

He is USCG Boat Safety certified with a range of project experience in turbidity monitoring, hydrographic surveys, site inspections, and terrestrial land surveying. He has a strong computer background to compliment his technical expertise. A honest hard-working individual that enjoys a new challenge.

Certifications & Training:

- USCG Certificate of Boating Safety (FL)
- Hypack Navigation Training
- Formal Water Quality for Beaches & Dredging (Turbidity Monitoring Training)
- Environmental Compliance Mapping (Turbidity Monitoring Training)

Professional History:

Project Surveyor	Oceanside Solutions LLC	Satellite Beach, FL	2018 to Pres
Field Surveyor	Redland Company	Homestead, FL	2014 to 2017

- Project surveyor for beach projects, control work, and pre/post construction surveys. Responsible for topographic surveys, daily survey oversight, vibracore operation, turbidity monitoring. Deployment of all survey vessels and environmental turbidity monitoring services. This includes calibration of turbidity sampling, compliance reporting, survey systems, RTK GPS rover /base control work, project survey oversight, and marine soil sampling.

Technical Proficiencies:

Hypack Hydrographic Survey Software | Real Time Kinematic Positioning Systems (RTK) | Global Positioning Systems (GPS) | Single frequency echo-sounder systems | Microsoft Excel | LeMotte 2020 & other Turbidity Meters

HYDROGRAPHIC SURVEY & MONITORING PROJECT EXPERIENCE

- USACE Brevard County SPP Dredging, FL (2020) – Turbidity Monitoring & Surveyor
- Indian River Lagoon Project – Rockledge 'A' Muck Removal (2020) – Turbidity Mon & Survey
- Indian River Lagoon Project – NASA Causeway Muck Removal (2020) – Turbidity Mon & Survey
- Indian River Lagoon Project – Railroad West Muck Removal (2020) – Turbidity Mon & Survey
- Indian River Lagoon Project – Railroad East Muck Removal (2020) – Turbidity Mon & Survey
- USACE Brevard County SPP Dredging, FL (2018-19) – Turbidity Monitoring & Surveyor

Hobbies: Sports and spending time with family and friends.

Charles Martin

Project Manager / Surveyor – Hydrographic Operations



KEY QUALIFICATIONS

Mr. Martin is a Project Manager and Surveyor with experience in surveying, mapping for projects and U.S. Marine Corps Combat Engineer. His expertise includes beach topographic surveys, **environmental monitoring for beach projects**, deployment of advanced multibeam survey equipment and beach operations.

He is an experienced professional with 15 years as a U.S. Marine Corps Combat Engineer. Provided planning and operational assistance to supervisors and taught subordinates, peers, and outside agencies with equal ease. Fully capable of working individually or in a team, problem solving, and taking initiative.

Professional Experience

Project surveyor for marine projects and hydrographic surveys. Responsible for project management, topographic and hydrographic surveys, daily survey oversight, and turbidity monitoring. Deployment of all survey vessels and environmental turbidity monitoring services. This includes calibration of turbidity sampling, compliance reporting, survey systems, RTK GPS rover /base control work, project survey oversight, and marine soil sampling. **Experience in environmental monitoring and compliance for all levels of dredge projects.**

Notable experience include:

- Oceanside Solutions – Project Surveyor – Hydrographic Operations (2021-Present)
- U.S Marine Corp – Combat Engineer (2002-2021)

Technical Proficiencies

Hypack Hydrographic Survey Software | AutoCAD Civil 3D | | Real Time Kinematic Positioning Systems (RTK) | Global Positioning Systems (GPS) | Single and mutlibeam echo-sounder system | **LeMotte Turbidity Meters** | Drilling

Education & Training Certifications

Bachelor of Science – Earth Science – Framingham State University – Massachusetts 2019
Commercial Driver's License (Class A)
USMC Material Handlers License (4/5 6K)
USCG Certificate of Boating Safety (FL)
Formal Water Quality for Beaches & Dredging (Turbidity Monitoring Training)
Environmental Compliance Mapping (Turbidity Monitoring Training)
Adult CPR/AED & First Aid AED Certified

HYDROGRAPHIC SURVEY & **MONITORING PROJECT EXPERIENCE**

- **USACE Kings Bay SPP Dredging, FL (2022-23) – Turbidity Monitoring & Surveyor**
- **USACE Fort Pierce SPP Dredging, FL (2022-23) – Turbidity Monitoring & Surveyor**
- **Boca Raton SPP Dredging, FL (2022-23) – Turbidity Monitoring & Surveyor**
- **Captiva Island SPP Dredging, FL (2021-22) – Turbidity Monitoring & Surveyor**

McGuire Hoover

Project Surveyor – Hydrographic Operations



KEY QUALIFICATIONS

Mr. Hoover is a Project Surveyor with three (3) years of experience in surveying, mapping for projects and site construction. His expertise includes beach topographic surveys, **environmental monitoring for beach projects**, deployment of GPS Survey equipment, LiDAR Scanning, and beach operations.

He is USCG Boat Safety certified with a range of project experience in **turbidity monitoring**, hydrographic & topographic surveys, site inspections, and terrestrial land surveying. He has a background in land surveying. A skilled individual with practical hands on machine fabrication and vessel repairs.

Professional Experience

Project surveyor for beach projects, boundary / control work, and pre/post construction surveys. Responsible for topographic and hydrographic surveys, daily survey oversight, Trimble LiDAR operations, turbidity monitoring. Deployment of all survey vessels and environmental turbidity monitoring services. This includes calibration of turbidity sampling, compliance reporting, survey systems, RTK GPS rover /base control work, project survey oversight, and marine soil sampling. **Experience in environmental monitoring and compliance for all levels of dredge projects.**

Notable experience include:

- Oceanside Solutions – Project Surveyor – Hydrographic Operations (2022-Present)
- Masteller Moler & Taylor – Land Surveyor (2020-2022)

Technical Proficiencies

Trimble SX-10 LiDAR Scanning Total Station | AutoCAD Civil 3D | Hypack Hydrographic Survey Software | Trimble Geomatics Office & Business Center | Real Time Kinematic Positioning Systems (RTK) | Global Positioning Systems (GPS) | Single and multiple frequency echo-sounder systems | Microsoft Excel, **LeMotte Turbidity Meters**

Education & Training Certifications

Associate of Business, Santa Fe College – Gainesville FL 2013
Associate of Digital Media, Indian River State College – Gainesville FL 2012
Professional Mariners Training – Chapman School of Seamanship – Stuart FL 2011

USCG Certificate of Boating Safety (FL)

Formal Water Quality for Beaches & Dredging (Turbidity Monitoring Training)

Environmental Compliance Mapping (Turbidity Monitoring Training)

Adult CPR/AED & First Aid AED Certified

HYDROGRAPHIC SURVEY & **MONITORING PROJECT EXPERIENCE**

- **USACE Kings Bay SPP Dredging, FL (2022-23) – Turbidity Monitoring & Surveyor**
- **USACE Fort Pierce SPP Dredging, FL (2022-23) – Turbidity Monitoring & Surveyor**

Dominick Lee

Field Surveyor – Beach Operations



KEY QUALIFICATIONS

Mr. Lee is a Field Surveyor with seven (7) years of experience in professional computer drafting architectural design, construction estimating, mapping for projects and site construction. His expertise includes beach topographic surveys, environmental monitoring for beach projects, deployment of GPS Survey equipment, AutoCAD Design work and beach operations.

He is USCG Boat Safety certified with a range of project experience in turbidity monitoring, topographic surveys, site inspections, and terrestrial land surveying. He has a strong computer background in AutoCAD Design to complement his technical expertise. A dedicated individual to his work and possesses a positive attention to learning survey and environmental work.

Professional Experience

Field surveyor for beach projects, control work, and pre/post construction surveys. Responsible for topographic surveys, daily survey oversight, drafting design operations, **turbidity monitoring**. Deployment of all survey vessels and environmental turbidity monitoring services. This includes calibration of turbidity sampling, compliance reporting, survey systems, RTK GPS rover /base control work, project survey oversight, and marine soil sampling. **Experience in environmental monitoring and compliance for all levels of dredge projects.**

Notable experience include:

- Oceanside Solutions – Field Surveyor – Beach Operations (2022-Present)
- MTC Technologies – Lead Drafting Designer (2004-2019)

Technical Proficiencies

AutoCAD Civil 3D | Hypack Hydrographic Survey Software | Trimble Geomatics Office & Business Center | Real Time Kinematic Positioning Systems (RTK) | Global Positioning Systems (GPS) | Single and multiple frequency echo-sounder systems | Microsoft Excel, **LeMotte Turbidity Meters**

Education & Training Certifications

Associate of Arts, Eastern Florida State College

USCG Certificate of Boating Safety (FL)

Formal Water Quality for Beaches & Dredging (Turbidity Monitoring Training)

Environmental Compliance Mapping (Turbidity Monitoring Training)

Adult CPR/AED & First Aid AED Certified

HYDROGRAPHIC SURVEY & **MONITORING PROJECT EXPERIENCE**

- **USACE Kings Bay SPP Dredging, FL (2022-23) – Turbidity Monitoring & Surveyor**
- **USACE Fort Pierce SPP Dredging, FL (2022-23) – Turbidity Monitoring & Surveyor**

TURBIDITY MONITORING EQUIPMENT

Turbidity monitoring will be measured in Nephelometric Turbidity Units (NTU) utilizing a LaMotte 2020 Turbidimeter. Global Navigation Satellite Systems (GNSS) will be used for all sampling stations and records for accurate and precise locations. A Van Dorn water sampler and/or other conventional methods available will be used to collect the water samples for each location and depth, which will provide uncontaminated samples as the specific water quality monitoring specified depths.

SURVEY / ENVIO VESSELS

38-Ft Aluminum Scully Pilot House (Multibeam/Sidescan & Davit w/Full Navigation)
22-Ft Aluminum Scully Pilot House (Multibeam/Sidescan & Davit w/Full Navigation)
21-Ft Parker V-bottom Pilot House (Multibeam/Sidescan & Davit w/Full Navigation)



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

(f) A COPY OF BIDDER'S FINANCIAL STATEMENT, INCLUDING THE NAMES OF BANKS OR OTHER FINANCIAL INSTITUTIONS WITH WHICH THE BIDDER CONDUCTS BUSINESS.



GREAT LAKES DREDGE
& DOCK COMPANY, LLC

9811 Katy Freeway
Suite 1200
Houston, Texas 77024

GREAT LAKES DREDGE & DOCK COMPANY, LLC

FEIN: # 20-1354414

DUNS & BRADSTREET: # 00-693-0358

NAME OF BANK: The PNC Financial Services Group
500 First Avenue, 4th Floor (P7-PFSC-04-1)
Pittsburgh, PA 15219

ACCOUNT REPRESENTATIVE: Deana Hahalyak, AVP, Loan Support Consultant
Speciality Commercial Lending Operations - Agency Services

PHONE AND FAX: 412-807-6029

EMAIL ADDRESS: deana.hahalyak@pnc.com

AUTHORIZED CREDIT LINE: \$300 MILLION REVOLVING CREDIT

NAME OF BANK: BANK OF AMERICA
800 CAPITOL STREET, 14TH FLOOR
HOUSTON, TX 77002

ACCOUNT REPRESENTATIVE: SCOTT SINGHOFF
SENIOR VICE PRESIDENT
GLOBAL COMMERCIAL BANKING

PHONE NUMBER: 713/247-6631

EMAIL ADDRESS: SCOTTSINGHOFF@BOFA.COM

Enclosed below are the Checking Account Number and Routing ABA Number for Great Lakes Dredge & Dock Company, LLC.

Account Number
8670410056

Routing ABA Number
(Incoming Domestic Transfers)
0260-0959-3

Great Lakes Dredge & Dock Company, LLC and Subsidiaries

Consolidated Financial Statements
as of and for the Years Ended
December 31, 2023 and 2022, and
Independent Auditor's Report

GREAT LAKES DREDGE & DOCK COMPANY, LLC AND SUBSIDIARIES

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INDEPENDENT AUDITOR'S REPORT

To the Board of Managers and Member of

Great Lakes Dredge & Dock Company, LLC

Houston, Texas

Opinion

We have audited the consolidated financial statements of Great Lakes Dredge & Dock Company, LLC and subsidiaries (the "Company"), which comprise the consolidated balance sheets as of December 31, 2023 and 2022, and the related consolidated statements of operations, comprehensive income (loss), member's equity, and cash flows for the years then ended, and the related notes to the consolidated financial statements (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Company as of December 31, 2023 and 2022, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Company and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Emphasis of Matter

As discussed in Note 1 to the financial statements, the financial statements include allocations of certain income and expenses from the Company's parent. Accordingly, the financial statements may not be indicative of the financial condition that would have existed or the results of operations that would have been achieved if the Company had operated without such affiliation. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.



In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for one year after the date that the financial statements were available to be issued.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Company's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Deloitte + Touche LLP

April 1, 2024

Great Lakes Dredge & Dock Company, LLC and Subsidiaries

Consolidated Balance Sheets
As of December 31, 2023 and 2022
(in thousands, except per share amounts)

	2023	2022
ASSETS		
CURRENT ASSETS:		
Cash and cash equivalents	\$ 22,248	\$ 6,461
Accounts receivable—net	54,810	44,890
Contract revenues in excess of billings	68,735	65,922
Inventories	33,912	29,229
Prepaid expenses	1,486	1,568
Other current assets	43,244	30,866
Intercompany note receivable	7,800	7,340
Total current assets	<u>232,235</u>	<u>186,276</u>
AMOUNTS DUE FROM AFFILIATES	59,077	25,557
PROPERTY AND EQUIPMENT—Net	445,019	395,375
OPERATING LEASE ASSETS	203,695	100,223
INVENTORIES—Noncurrent	86,325	80,044
INTERCOMPANY NOTE RECEIVABLE	164,544	143,133
OTHER	17,114	6,767
TOTAL	<u>\$ 1,208,009</u>	<u>\$ 937,375</u>
LIABILITIES AND MEMBER'S EQUITY		
CURRENT LIABILITIES:		
Accounts payable	\$ 83,835	\$ 93,981
Accrued expenses	34,133	23,704
Operating lease liabilities	44,551	37,363
Billings in excess of contract revenues	29,560	9,914
Total current liabilities	<u>192,079</u>	<u>164,962</u>
AMOUNTS DUE TO AFFILIATES	126,832	8,110
OPERATING LEASE LIABILITIES—Noncurrent	160,877	65,010
OTHER	9,019	7,581
Total liabilities	<u>488,807</u>	<u>245,663</u>
COMMITMENTS AND CONTINGENCIES (Note 9)		
MEMBER'S EQUITY:		
Member's capital	721,217	691,903
Accumulated other comprehensive loss	(2,015)	(191)
Total member's equity	<u>719,202</u>	<u>691,712</u>
TOTAL	<u>\$ 1,208,009</u>	<u>\$ 937,375</u>

See notes to consolidated financial statements.

Great Lakes Dredge & Dock Company, LLC and Subsidiaries

Consolidated Statements of Operations
For the Years Ended December 31, 2023 and 2022
(in thousands, except per share amounts)

	<u>2023</u>	<u>2022</u>
CONTRACT REVENUES	\$ 589,625	\$ 648,781
COSTS OF CONTRACT REVENUES	<u>518,506</u>	<u>621,609</u>
GROSS PROFIT	71,119	27,172
OPERATING EXPENSES:		
GENERAL AND ADMINISTRATIVE EXPENSES	53,258	46,462
OTHER (GAINS) LOSSES	<u>(7,560)</u>	<u>7,792</u>
Total operating income (loss)	<u>25,421</u>	<u>(27,082)</u>
OTHER INCOME:		
Interest income—net	4,742	4,579
Other income (loss)	<u>564</u>	<u>(1,694)</u>
Total other income	5,306	2,885
NET INCOME (LOSS)	<u>\$ 30,727</u>	<u>(24,197)</u>

See notes to consolidated financial statements.

Great Lakes Dredge & Dock Company, LLC and Subsidiaries
Consolidated Statements of Comprehensive Income (Loss)
For the Years Ended December 31, 2023 and 2022
(in thousands)

	2023	2022
Net income (loss)	\$ 30,727	\$ (24,197)
Net change in cash flow derivative hedges—net of tax	(1,824)	(331)
Comprehensive income (loss)	\$ 28,903	\$ (24,528)

See notes to consolidated financial statements.

Great Lakes Dredge & Dock Company, LLC and Subsidiaries

**Consolidated Statements of Member's Equity
For the Years Ended December 31, 2023 and 2022
(in thousands)**

	Member's Capital	Accumulated Other Comprehensive Income (Loss)	Total
BALANCE—January 1, 2022	\$ 699,680	\$ 140	\$ 699,820
Transfer from parent	13,105	—	13,105
Share-based compensation	3,315	—	3,315
Net loss	(24,197)	—	(24,197)
Other comprehensive loss	—	(331)	(331)
BALANCE—December 31, 2022	<u>691,903</u>	<u>(191)</u>	<u>691,712</u>
Transfer to parent	(5,802)	—	(5,802)
Share-based compensation	4,389	—	4,389
Net income	30,727	—	30,727
Other comprehensive loss	—	(1,824)	(1,824)
BALANCE—December 31, 2023	<u>\$ 721,217</u>	<u>\$ (2,015)</u>	<u>\$ 719,202</u>

See notes to consolidated financial statements.

Great Lakes Dredge & Dock Company, LLC and Subsidiaries
Consolidated Statements of Cash Flows
For the Years Ended December 31, 2023 and 2022
(in thousands)

	<u>2023</u>	<u>2022</u>
OPERATING ACTIVITIES:		
Net income (loss)	\$ 30,727	\$ (24,197)
Adjustments to reconcile net income (loss) to net cash flows provided by operating activities:		
Depreciation	34,384	38,480
(Gain) loss on sale of assets - net	(485)	7,792
Share-based compensation expense	5,473	3,315
Changes in assets and liabilities:		
Accounts receivable	(9,921)	38,064
Contract revenues in excess of billings	(2,813)	(26,078)
Inventories	(11,000)	(14,255)
Prepaid and other current assets	(12,768)	(8,483)
Accounts payable and accrued expenses	4,009	136
Billings in excess of contract revenues	19,647	(4,900)
Other noncurrent assets and liabilities	(6,264)	2,097
Net cash flows provided by operating activities	<u>50,989</u>	<u>11,971</u>
INVESTING ACTIVITIES:		
Purchases of property and equipment	(150,840)	(143,006)
Proceeds from dispositions of property and equipment	30,682	2,100
Proceeds from intercompany note receivable	7,340	7,141
Net change in amounts due from affiliates	2,334	(8,663)
Net cash flows used in investing activities	<u>(110,484)</u>	<u>(142,428)</u>
FINANCING ACTIVITIES:		
Payments on finance lease obligations	(84)	—
Transfer from (to) parent	(5,802)	13,105
Net change in amount due to affiliates	82,088	(13,442)
Net cash flows provided by (used in) financing activities	<u>76,202</u>	<u>(337)</u>
Net increase (decrease) in cash, cash equivalents and restricted cash	16,707	(130,794)
Cash, cash equivalents and restricted cash at beginning of period	6,461	137,255
Cash and cash equivalents	22,248	6,461
Restricted cash included in other long-term assets	920	—
Cash, cash equivalents and restricted cash at end of period	<u>\$ 23,168</u>	<u>\$ 6,461</u>
NONCASH INVESTING ACTIVITY		
Property and equipment purchased but not yet paid	<u>\$ 6,000</u>	<u>\$ 8,686</u>

See notes to consolidated financial statements.

GREAT LAKES DREDGE & DOCK COMPANY, LLC AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

AS OF December 31, 2023 AND 2022 AND FOR THE

YEARS ENDED December 31, 2023 AND 2022

(In thousands, except per share amounts or as otherwise noted)

1. NATURE OF BUSINESS AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Organization—Great Lakes Dredge & Dock Company, LLC and subsidiaries (the “Company” or “Great Lakes”) is a limited liability company (LLC) incorporated on July 12, 2004, under Delaware law. Great Lakes is 100% owned by Great Lakes Dredge & Dock Corporation (“GLD Corporation” or “Parent”), the sole “member,” and is governed by a Board of Managers under the terms of a limited liability company agreement.

Great Lakes is in the business of marine construction, primarily dredging. The Company’s primary customer is the U.S. Army Corps of Engineers (the “Corps”).

Principles of Consolidation and Basis of Presentation—The consolidated financial statements include the accounts of the Company and its majority-owned subsidiaries. All intercompany accounts and transactions are eliminated in consolidation. The equity method of accounting is used for investments in unconsolidated investees, if any, in which the Company has significant influence, but not control. Other investments, if any, are carried at cost.

The accompanying consolidated financial statements have been prepared from the records maintained by the Company and GLD Corporation and may not necessarily be indicative of the conditions that would have existed or the results of the operations if the Company had been operated as an unaffiliated company. Portions of certain income and expenses represent allocations made from Parent items applicable to the company as a whole.

Use of Estimates—The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America (“GAAP”) requires management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.

Revenue and Cost Recognition on Contracts—Revenue is recognized using contract fulfillment costs incurred to date compared to total estimated costs at completion, also known as cost-to-cost, to measure progress towards completion. Additionally, the Company capitalizes certain pre-contract and pre-construction costs, and defers recognition over the life of the contract. The Company’s performance obligations are satisfied over time and revenue is recognized using the cost-to-cost method, described above. Contract modifications are changes in the scope or price (or both) of a contract that are approved by the parties to the contract. The Company recognizes a contract modification when the parties to a contract approve a modification that either creates new, or changes existing, enforceable rights and obligations of the parties to the contract. Contract modifications are routine in the performance of the Company’s contracts. In most instances, contract modifications are for services that are not distinct, and, therefore, are accounted for as part of the existing contract. Contract modifications are included in the transaction price only if it is probable that the modification estimate will not result in a significant reversal of revenue. Revisions in estimated gross profit percentages are recorded in the period during which the change in circumstances is experienced or becomes known. As the duration of most of the Company’s contracts is one year or less, the cumulative net impact of these revisions in estimates, individually and in the aggregate across projects, does not significantly affect results across annual reporting periods. Provisions for estimated losses on contracts in progress are made in the period in which such losses are determined.

The components of costs of contract revenues include labor, equipment (including depreciation, maintenance, insurance and long-term rentals), subcontracts, fuel, supplies, short-term rentals and project overhead. Hourly labor generally is hired on a project-by-project basis. The Company is a party to numerous collective bargaining agreements in the U.S. that govern its relationships with its unionized hourly workforce.

Classification of Current Assets and Liabilities—The Company includes in current assets and liabilities amounts realizable and payable in the normal course of contract completion, unless completion of such contracts extends significantly beyond one year.

Cash Equivalents—The Company considers all highly liquid investments with a maturity at purchase of three months or less to be cash equivalents.

Accounts Receivable—Accounts receivable represent amounts due or billable under the terms of contracts with customers, including amounts related to retainage. The Company anticipates collection of retainage generally within one year, and accordingly presents retainage as a current asset. The Company provides an allowance for estimated uncollectible accounts receivable based on historical and expected losses and when events or conditions indicate that amounts outstanding are not recoverable.

Inventories—Inventories consist of pipe and spare parts used in the Company’s dredging operations. Pipe and spare parts are purchased in large quantities; therefore, a certain amount of pipe and spare part inventories is not anticipated to be used within the current year and is classified as long-term. Spare part inventories are stated at weighted average historical cost, and are charged to expense when used in operations. Pipe inventory is recorded at cost and amortized to expense over the period of its use.

Property and Equipment—Capital additions, improvements, and major renewals are classified as property and equipment and are carried at depreciated cost. Maintenance and repairs that do not significantly extend the useful lives of the assets or enhance the capabilities of such assets are charged to expenses as incurred. Depreciation is recorded over the estimated useful lives of property and equipment using the straight-line method and the mid-year depreciation convention. The estimated useful lives by class of assets are:

<u>Class</u>	<u>Useful Life (years)</u>
Buildings and improvements	10
Furniture and fixtures	5-10
Vehicles, dozers, and other light operating equipment and systems	3-5
Heavy operating equipment (dredges and barges)	10-30

Leasehold improvements are amortized over the shorter of their remaining useful lives or the remaining terms of the leases.

Long-Lived Assets—Long-lived assets are comprised of property and equipment subject to depreciation. Long-lived assets to be held and used are reviewed for possible impairment whenever events indicate that the carrying amount of such assets may not be recoverable by comparing the undiscounted cash flows associated with the assets to their carrying amounts. If such a review indicates an impairment, the carrying amount would be reduced to fair value. No triggering events were identified in 2023 or 2022. If long-lived assets are to be disposed, depreciation is discontinued, if applicable, and the assets are reclassified as held for sale at the lower of their carrying amounts or fair values less estimated costs to sell.

Other Gains and Losses—Other gains and losses include gains and losses on property and equipment that has been retired or otherwise disposed of and the transfer of control is complete. This also includes any impairment expense related to assets that have been designated as held for sale whose carrying amounts exceed their fair values. In 2023, the Company recognized \$0.1 million in gains on disposals of assets. Additionally, the Company recognized a \$7.4 million gain associated with the early termination of an offshore wind contract. In 2022, the Company recorded an \$8.2 million loss related to the retirement of an asset which was classified as held for sale at December 31, 2022. This amount was offset by gains on disposals of assets during 2022 of \$0.4 million.

Self-insurance Reserves—The Company self-insures costs associated with its seagoing employees covered by the provisions of Jones Act, workers’ compensation claims, hull and equipment liability, and general business liabilities up to certain limits. Insurance reserves are established for estimates of the loss that the Company may ultimately incur on reported claims, as well as estimates of claims that have been incurred but not yet reported. In determining its estimates, the Company considers historical loss experience and judgments about the present and expected levels of cost per claim. Trends in actual experience are a significant factor in the determination of such reserves.

Income Taxes—As a single member LLC, Great Lakes is disregarded as an entity separate from its owner for federal income tax purposes as well as for most state income tax purposes. Thus, the Company’s income tax liabilities are generally the responsibility of its sole member, GLD Corporation

Hedging Instruments—At times, the Company designates certain derivative contracts as a cash flow hedge as defined by GAAP. Accordingly, the Company formally documents, at the inception of each hedge, all relationships between hedging instruments and hedged items, as well as its risk-management objective and strategy for undertaking hedge transactions. This process includes linking all derivatives to highly-probable forecasted transactions.

The Company formally assesses, at inception and on an ongoing basis, the effectiveness of hedges in offsetting changes in the cash flows of hedged items. Hedge accounting treatment may be discontinued when (1) it is determined that the derivative is no longer

highly effective in offsetting changes in the cash flows of a hedged item (including hedged items for forecasted future transactions), (2) the derivative expires or is sold, terminated or exercised, (3) it is no longer probable that the forecasted transaction will occur or (4) management determines that designating the derivative as a hedging instrument is no longer appropriate. If management elects to stop hedge accounting, it would be on a prospective basis and any hedges in place would be recognized in accumulated other comprehensive income (loss) until all the related forecasted transactions are completed or are probable of not occurring.

Transfer to and from Parent — During 2023, the Company issued a transfer of \$5,802 to GLD Corporation. During 2022, the Company received a transfer of \$13,105 from GLD Corporation. The Company’s transfers to or from GLD Corporation are to fund payment of certain debt and interest obligations and for general purposes.

2. PROPERTY AND EQUIPMENT

Property and equipment at December 31, 2023 and 2022 are as follows:

	2023	2022
Land	\$ 6,702	\$ 6,702
Buildings and improvements	3,120	3,120
Furniture and fixtures	24,719	24,616
Operating equipment	863,154	815,496
Total property and equipment	<u>897,695</u>	<u>849,934</u>
Accumulated depreciation	(452,676)	(454,559)
Property and equipment — net	<u>\$ 445,019</u>	<u>\$ 395,375</u>

Operating equipment of \$2,227 and \$500 was classified as held for sale, excluded from property and equipment, as of December 31, 2023 and 2022, respectively. Other (gains) losses includes \$886 and \$8,150 of loss related to the retirement of an asset which is classified as held for sale for the year ended December 31, 2023 and 2022, respectively.

Depreciation expense was \$34,384 and \$38,480, for the years ended December 31, 2023 and 2022, respectively.

3. LEASES

The Company leases certain operating equipment and office facilities under long-term operating leases expiring at various dates through 2030. Leases with an initial term greater than twelve months are recorded on the Company’s balance sheet as an operating or finance lease asset and operating or finance lease liability. Operating leases are included in operating lease assets, operating lease liabilities, and operating lease liabilities noncurrent in the Company's consolidated balance sheets. Finance leases are included in other assets, lease liabilities, and other in the Company's consolidated balance sheets. and are measured at the present value of lease payments over the lease term. Substantially all of the Company’s leases are classified as operating leases. Leases with an initial term of twelve months or less with purchase options or extension options that are not reasonably certain to be exercised are not recorded on the balance sheet. The Company recognizes lease expense for these leases on a straight-line basis over the lease term.

The equipment leases contain renewal or purchase options that specify prices at the then fair value upon the expiration of the lease terms. The leases also contain default provisions that are triggered by an acceleration of debt maturity under the terms of GLD Corporation’s Amended Credit Agreement, or, in certain instances, cross default to other equipment leases and certain lease arrangements require that GLD Corporation maintain certain financial ratios comparable to those required by its Amended Credit Agreement. Additionally, the leases typically contain provisions whereby the Company indemnifies the lessors for the tax treatment attributable to such leases based on the tax rules in place at lease inception. The tax indemnifications do not have a contractual dollar limit. To date, no lessors have asserted any claims against the Company under these tax indemnification provisions.

The exercise of lease renewal options is at the Company’s sole discretion and is considered in the measurement of operating lease assets and operating lease liabilities when it is reasonably certain the Company will exercise the option. Certain leases also include options to purchase the leased property. The depreciable life of assets and leasehold improvements are limited by the expected lease term, unless there is a transfer of title or purchase option reasonably certain of exercise.

On November 1, 2023, the Company entered into a purchase agreement to sell certain vessels (the “Property”) for gross cash proceeds of \$29.5 million. Concurrent with the sale of these certain vessels, the Company entered into a seven-year lease at an annual rental rate of approximately \$4.2 million. The Company determined that the transactions represented a sale and leaseback and, accordingly, established new operating lease right of use assets and operating lease liabilities. The lease did not include an implicit rate of return; therefore, the Company used an incremental borrowing rate. Under the leaseback agreement, the Company has the

option to i) purchase the Property after six years with an early buyout option; ii) purchase the Property at the end of the lease at the then fair value; iii) renew the lease at the then fair market value or iv) return the Property to the purchaser.

Lease costs

The Company's lease costs are recorded in costs of contract revenues and general and administrative expenses. For the years ended December 31, 2023 and 2022, respectively, lease costs are as follows:

	2023	2022
Operating lease costs	\$ 42,289	\$ 36,017
Finance lease costs		
Amortization of finance lease assets	95	—
Interest expense on lease liabilities	24	—
Short-term lease costs	68,119	94,842
Total lease cost	<u>\$ 110,527</u>	<u>\$ 130,859</u>

Lease terms and commitments

As recorded on the balance sheet, the Company's maturity analysis of its operating lease liabilities as of December 31, 2023 is as follows:

	Operating	Finance
2024	\$ 55,734	\$ 1,291
2025	48,019	1,291
2026	37,111	1,216
2027	35,252	355
2028	33,869	—
Thereafter	36,289	—
Minimum lease payments	246,274	4,153
Imputed interest	(40,846)	(480)
Present value of minimum lease liabilities	<u>\$ 205,428</u>	<u>\$ 3,673</u>

As most of the Company's leases do not provide an implicit rate, the Company used its incremental borrowing rate based on the information available at commencement date in determining the present value of lease payments.

Additional information related to the Company's leases as of December 31, 2023 and 2022 respectively, are as follows:

	2023	2022
Operating		
Weighted average remaining lease term (years)	5.2	3.9
Weighted average discount rate	7.2%	4.9%
Finance		
Weighted average remaining lease term (years)	3.3	—
Weighted average discount rate	7.9%	—

Supplemental balance sheet information related to finance leases as of December 31, 2023 and 2022 respectively, is as follows:

	2023	2022
Finance lease assets:		
Other noncurrent assets	\$ 3,757	\$ —
Accumulated depreciation	(95)	—
Total other noncurrent assets	<u>\$ 3,662</u>	<u>\$ —</u>
Finance lease liabilities:		
Accrued expenses	\$ 1,047	\$ —
Other noncurrent liabilities	2,626	—
Total finance lease liabilities	<u>\$ 3,673</u>	<u>\$ —</u>

Supplemental cash flow information related to leases during the years ended December 31, 2022 and 2021 respectively, are as follows:

	2023	2022
Operating cash flows from operating leases	\$ (41,359)	\$ (34,568)
Operating cash flows from finance leases	(24)	—
Financing cash flows from finance leases	(84)	—
Lease liabilities arising from obtaining new operating lease assets	140,105	57,618
Lease liabilities arising from obtaining new finance lease assets	3,757	—

4. ACCRUED EXPENSES

Accrued expenses at December 31, 2023 and 2022 are as follows:

	2023	2022
Insurance	\$ 12,521	\$ 17,442
Payroll and employee benefits	11,986	2,062
Other	637	1,764
Contract reserves	3,964	966
Property and other taxes	1,060	832
Finance lease liabilities	1,047	—
Fuel hedge contracts	2,918	638
Total accrued expenses	<u>\$ 34,133</u>	<u>\$ 23,704</u>

5. FAIR VALUE MEASUREMENTS

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. A fair value hierarchy has been established by GAAP that requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The accounting guidance describes three levels of inputs that may be used to measure fair value:

Level 1—Quoted prices in active markets for identical assets or liabilities.

Level 2—Observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.

Level 3—Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

The Company is exposed to counterparty credit risk associated with non-performance of its various derivative instruments. The Company's risk would be limited to any unrealized gains on current positions. To help mitigate this risk, the Company transacts only with counterparties that are rated as investment grade or higher. In addition, all counterparties are monitored on a continuous basis.

The Company utilizes the market approach to measure fair value for its financial assets and liabilities. The market approach uses prices and other relevant information generated by market transactions involving identical or comparable assets or liabilities. At times, the Company holds certain derivative contracts that it uses to manage foreign currency risk or commodity price risk. The Company

does not hold or issue derivatives for speculative or trading purposes. The fair values of these financial instruments are summarized as follows:

	Fair Value Hierarchy Levels	Fair Value at			
		December 31, 2023		December 31, 2022	
		Assets	Liabilities	Assets	Liabilities
Asset derivatives:					
Derivatives designated as hedging instruments:					
Fuel hedge contracts	2	\$ —	\$ 2,918	\$ —	\$ 638
Foreign currency exchange hedge contracts	2	358	—	831	6
Total derivatives		<u>\$ 358</u>	<u>\$ 2,918</u>	<u>\$ 831</u>	<u>\$ 644</u>

Fuel hedge contracts

The Company is exposed to certain market risks, primarily commodity price risk as it relates to the diesel fuel purchase requirements, which occur in the normal course of business. The Company enters into heating oil commodity swap contracts to hedge the risk that fluctuations in diesel fuel prices will have an adverse impact on cash flows associated with its domestic dredging contracts. The Company's goal is to hedge approximately 80% of the eligible fuel requirements for work in domestic backlog.

As of December 31, 2023, the Company was party to various swap arrangements to hedge the price of a portion of its diesel fuel purchase requirements for work in its backlog to be performed through December 2023. As of December 31, 2023, there were 13.0 million gallons remaining on these contracts representing forecasted domestic fuel purchases through April 2025. Under these swap agreements, the Company will pay fixed prices ranging from \$2.35 to \$2.90 per gallon.

At December 31, 2023 and 2022, the fair value liability of the fuel hedge contracts were estimated to be \$2,918 and \$638, respectively, and is recorded in accrued expenses. For fuel hedge contracts considered to be highly effective, the gains reclassified to earnings from changes in fair value of derivatives, net of cash settlements and taxes, for the year ended December 31, 2023 were \$861. The remaining gains and losses included in the accumulated other comprehensive income (loss) at December 31, 2023 will be reclassified into earnings over the next twelve months, corresponding to the period during which the hedged fuel is expected to be utilized. Changes in the fair value of fuel hedge contracts not considered highly effective are recorded as costs of contract revenues in the Statement of Operations. The fair value of fuel hedges are corroborated using inputs that are readily observable in public markets; therefore, the Company determines fair values of these fuel hedges using Level 2 inputs.

Foreign currency exchange hedge contracts

The Company is exposed to certain market risks, including foreign currency exchange rate risks related to the purchase of new vessel build materials in Europe. The Company enters into foreign currency exchange forward contracts to hedge the risk that fluctuations in the Euro in relation to the Dollar could have an adverse impact on cash flows associated with its equipment builds.

As of December 31, 2023 and 2022, the Company was party to various foreign exchange forward contract arrangements to hedge the purchase of materials through November 2024. As of December 31, 2023 there were 18.6 million Euro of payments remaining on these hedge contracts. Under these hedge contracts, the Company will pay fixed prices ranging from \$1.01 to \$1.13 per Euro.

At December 31, 2023 and 2022, the fair value asset of foreign currency exchange hedge contracts were estimated to be \$358 and \$831, respectively, and is recorded in other current assets. At December 31, 2023 and 2022, the fair value liability of foreign currency exchange hedge contracts were estimated to be zero and \$6, respectively, and is recorded in accrued liabilities. For foreign currency exchange hedge contracts considered to be highly effective, the gains reclassified to earnings from changes in fair value, net of cash settlements and taxes, for the year ended December 31, 2023 were \$289. For foreign currency exchange hedge contracts considered to be highly effective, the losses reclassified to earnings from changes in fair value of derivatives, net of cash settlements and taxes, for the year ended December 31, 2022 were \$155. The remaining gains and losses included in accumulated other comprehensive income (loss) at December 31, 2023 will be reclassified into earnings over the next eleven months, corresponding to the period during which the hedged currency is expected to be utilized. Changes in the fair value of foreign currency exchange hedge contracts not considered highly effective are recorded as other expenses in the Statement of Operations. The fair values of foreign currency exchange hedges are corroborated using inputs that are readily observable in public markets; therefore, the Company determines the fair value of these foreign currency exchange hedges using Level 2 inputs.

Assets and liabilities measured at fair value on a nonrecurring basis

All other nonfinancial assets and liabilities measured at fair value in the financial statements on a nonrecurring basis are subject to fair value measurements and disclosures. Nonfinancial assets and liabilities included in the consolidated balance sheets and measured on a nonrecurring basis consist of long-lived assets. Long-lived assets are measured at fair value to test for and measure impairment, if any, when necessary.

Accumulated other comprehensive income (loss)

Changes in the components of the accumulated balances of other comprehensive income (loss) are as follows:

	2023	2022
Derivatives:		
Fuel Hedge Contracts		
Reclassification of derivative (gains) losses to earnings—net of tax	\$ 861	\$ (10,629)
Change in fair value of derivatives—net of tax	(2,565)	9,681
Net change in cash flow derivative fuel hedges—net of tax	(1,704)	(948)
Foreign Currency Exchange Hedge Contracts		
Reclassification of derivative (gains) losses to earnings—net of tax	\$ (400)	\$ 116
Change in fair value of derivatives—net of tax	280	501
Net change in cash flow derivative foreign currency hedges—net of tax	(120)	617
Total net change in cash flow derivative hedges—net of tax	\$ (1,824)	\$ (331)

Adjustments reclassified from accumulated balances of other comprehensive income (loss) to earnings are as follows:

	Statements operations location	2023	2022
Derivatives:			
Fuel hedge contracts	Costs of contract revenues	\$ 861	\$ (10,629)

Other financial instruments

The carrying value of financial instruments included in current assets and current liabilities approximates fair value due to the short-term maturities of these instruments. It is impracticable to determine the fair value of performance, bid and payment bonds due to uncertainties as to the amount and timing of future obligations, if any.

6. SHARE-BASED COMPENSATION

On May 5, 2021, GLD Corporation's stockholders approved the Great Lakes Dredge & Dock Corporation 2021 Long-Term Incentive Plan (the "Incentive Plan"), which previously had been approved by GLD Corporation's board of directors subject to stockholder approval. The Incentive Plan replaces the 2017 Long-Term Incentive Plan (the "Prior Plan") and is largely based on the Prior Plan, but with updates to the available shares and other administrative changes. The Incentive Plan permits the granting of stock options, stock appreciation rights, restricted stock and restricted stock units to its employees and directors for up to 1.5 million shares of common stock, plus the number of shares that remained available for future grant under the Prior Plan as of the effectiveness of the Incentive Plan.

The Prior Plan permitted the granting of stock options, stock appreciation rights, restricted stock and restricted stock units to its employees and directors for up to 3.3 million shares of common stock, plus an additional 1.7 million shares underlying equity awards issued under the 2007 Long-Term Incentive Plan. GLD Corporation may also issue share-based compensation as inducement awards to new employees upon approval of the Board of Directors.

Compensation cost charged to expense related to share-based compensation arrangements was \$5,473 and \$3,315, for the years ended December 31, 2023 and 2022, respectively.

Non-qualified stock options

The NQSO awards were granted with an exercise price equal to the market price of GLD Corporation's common stock at the date of grant. The option awards generally vest in three equal annual installments commencing on the first anniversary of the grant date, and have ten year exercise periods.

The fair value of the NQSOs was determined at the grant date using a Black-Scholes option pricing model, which requires the GLD Corporation to make several assumptions. The risk-free interest rate is based on the U.S. Treasury yield curve in effect for the expected term of the option at the time of grant. The annual dividend yield on GLD Corporation's common stock is based on estimates of future dividends during the expected term of the NQSOs. The expected life of the NQSOs was determined from historical exercise data providing a reasonable basis upon which to estimate the expected life. The volatility assumptions were based on historical volatility of Great Lakes. There is not an active market for options on GLD Corporation's common stock and, as such, implied volatility for GLD Corporation's stock was not considered. Additionally, GLD Corporation's general policy is to issue new shares of registered common stock to satisfy stock option exercises or grants of restricted stock. No NQSO awards were granted in 2023 and 2022. The aggregate intrinsic value of stock options represents the difference between market value on the date of exercise and the option price. No stock options were exercised during 2023. The aggregate intrinsic value of stock options exercised during 2022 was \$212.

A summary of GLD Corporation's stock option activity under the Incentive Plan as of December 31, 2023, and changes during the year ended December 31, 2023, is presented below:

<u>Options</u>	<u>Shares</u>	<u>Weighted Average Exercise Price</u>	<u>Weighted-Average Remaining Contract Term (yrs)</u>	<u>Aggregate Intrinsic Value (\$000's)</u>
Outstanding as of January 1, 2023	76	\$ 7.61		
Granted	—	—		
Exercised	—	—		
Forfeited or Expired	(11)	7.56		
Outstanding as of December 31, 2023	65	\$ 7.62	.4	\$ 4
Vested at December 31, 2023	65	\$ 7.62	.4	\$ 4

Restricted stock units

RSUs primarily vest in equal portions over the three year vesting period. The fair value of RSUs was based upon GLD Corporation's stock price on the date of grant. A summary of the status of GLD Corporation's non-vested RSUs as of December 31, 2023, and changes during the year ended December 31, 2023, is presented below:

<u>Non-vested Restricted Stock Units</u>	<u>Shares</u>	<u>Weighted- Average Grant-Date Fair Value</u>
Outstanding as of January 1, 2023	955	\$ 12.25
Granted	730	8.86
Vested	(253)	11.35
Forfeited	(70)	8.78
Outstanding as of December 31, 2023	1,362	\$ 8.35
Expected to vest at December 31, 2023	1,359	\$ 8.71

As of December 31, 2023, there was \$6,661 of total unrecognized compensation cost related to non-vested RSUs granted under the Incentive Plan. That cost for non-vested RSUs is expected to be recognized over a weighted-average period of 1.9 years.

7. REVENUE

The Company's revenue is derived from contracts for services with federal, state, local and foreign governmental entities and private customers. Revenues are generally derived from the enhancement or preservation of navigability of waterways or the protection of shorelines through the removal or replenishment of soil, sand or rock.

Performance obligations

A performance obligation is a promise in a contract to transfer a distinct good or service to the customer, and is the unit of account upon which the Company's revenue is calculated. A contract's transaction price is allocated to each distinct performance obligation and recognized as revenue as the performance obligation is satisfied. Fixed-price contracts, which comprise substantially all of the Company's revenue, will most often represent a single performance obligation as the promise to transfer the individual services is not separately identifiable from other promises in the contracts and, therefore, not distinct.

The Company's performance obligations are satisfied over time and revenue is recognized using contract fulfillment costs incurred to date compared to total estimated costs at completion, also known as cost-to-cost, to measure progress towards completion. As the Company's performance creates an asset that the customer controls, this method provides a faithful depiction of the transfer of an asset to the customer. Generally, the Company has an enforceable right to payment for performance completed to date.

The majority of the Company's contracts are completed in a year or less. At December 31, 2023, the Company had \$1.04 billion of remaining performance obligations, which the Company refers to as total dredging backlog. Total dredging backlog does not include \$44.6 million of performance obligations related to offshore wind contracts. The Company expects to perform on its offshore wind contracts using the inclined fall-pipe vessel for subsea rock installation which is expected to be delivered and operational in the 2025. Approximately 60% of the Company's dredging backlog will be completed in 2024.

Transaction price

The transaction price is calculated using the Company's estimated costs to complete a project. These costs are based on the types of equipment required to perform the specified service, project site conditions, the estimated project duration, seasonality, location and complexity of a project.

The nature of the Company's contracts gives rise to several types of variable consideration, including pay on quantity dredged for dredging projects and dredging project contract modifications. Estimated pay quantity is the amount of material the Company expects to dredge for which it will receive payment. Estimated quantity to be dredged is calculated using engineering estimates based on current survey data and the Company's knowledge based on historical project experience.

Revenue by category

Domestically, the Company's work generally is performed in coastal waterways and deep-water ports. The U.S. dredging market consists of four primary types of work: capital, coastal protection, maintenance and rivers & lakes. Foreign projects typically involve capital work.

The following table sets forth, by type of work, the Company's contract revenues for the years ended December 31, 2023 and 2022:

Revenues	2023	2022
Dredging:		
Capital—U.S.	\$ 186,715	\$ 342,461
Capital—foreign	—	149
Coastal protection	196,343	192,567
Maintenance	187,586	98,077
Rivers & lakes	16,318	15,527
Total dredging revenues	\$ 586,962	\$ 648,781
Offshore wind:		
Offshore wind	2,663	—
Total revenues	\$ 589,625	\$ 648,781

The following table sets forth, by type of customer, the Company's contract revenues for the years ended December 31, 2023 and 2022:

Revenues	<u>2023</u>	<u>2022</u>
Dredging:		
Federal government	\$ 438,790	\$ 431,705
State and local government	129,583	207,033
Private	18,589	9,894
Foreign	—	149
Total dredging revenues	<u>586,962</u>	<u>648,781</u>
Offshore wind:		
Offshore wind	2,663	—
Total revenues	<u>\$ 589,625</u>	<u>\$ 648,781</u>

Contract balances

Billings on contracts are generally submitted after verification with the customers of physical progress and are recognized as accounts receivable in the balance sheet. For billings that do not match the timing of revenue recognition, the difference between amounts billed and recognized as revenue is reflected in the balance sheet as either contract revenues in excess of billings or billings in excess of contract revenues. Certain pre-contract and pre-construction costs are capitalized and reflected as contract assets in the balance sheet. Customer advances, deposits and commissions are reflected in the balance sheet as contract liabilities.

Accounts receivable at December 31, 2023 and December 31, 2022 are as follows:

	<u>2023</u>	<u>2022</u>
Completed contracts	\$ 2,920	\$ 4,682
Contracts in progress	40,743	32,546
Retainage	<u>11,511</u>	<u>8,226</u>
	55,174	45,454
Allowance for doubtful accounts	(364)	(564)
Total accounts receivable—net	<u>\$ 54,810</u>	<u>\$ 44,890</u>

The components of contracts in progress at December 31, 2023 and December 31, 2022 are as follows:

	<u>2023</u>	<u>2022</u>
Costs and earnings in excess of billings:		
Costs and earnings for contracts in progress	\$ 206,330	\$ 262,125
Amounts billed	<u>(196,520)</u>	<u>(210,068)</u>
Costs and earnings in excess of billings for contracts in progress	9,810	52,057
Costs and earnings in excess of billings for completed contracts	<u>58,925</u>	<u>14,972</u>
Total contract revenues in excess of billings	<u>\$ 68,735</u>	<u>\$ 67,029</u>
Current portion of contract revenues in excess of billings	\$ 68,735	\$ 65,922
Long-term contract revenues in excess of billings	—	1,107
Total contract revenues in excess of billings	<u>\$ 68,735</u>	<u>\$ 67,029</u>
Billings in excess of costs and earnings:		
Amounts billed	\$ (258,948)	\$ (95,013)
Costs and earnings for contracts in progress	229,388	85,099
Total billings in excess of contract revenues	<u>\$ (29,560)</u>	<u>\$ (9,914)</u>

In the year ending December 31, 2022, a revision to the estimated gross profit percentage of a project was recognized due to a positive settlement of a claim from the recently completed project resulting in a cumulative net impact on the project margin, which increased gross profit by \$22,276.

At December 31, 2023 and 2022, costs to fulfill contracts with customers recognized as other current assets were \$18,138 and \$4,472, respectively. At December 31, 2023, costs to fulfill contracts with customers recognized as other noncurrent assets were

\$4,028. At December 31, 2022, there were no costs to fulfill contracts with customers recognized as other noncurrent assets. These costs relate to pre-contract and pre-construction activities. During the years ended December 31, 2023 and 2022 the company amortized pre-contract and pre-construction costs of \$11,474 and \$11,148, respectively.

The Company's largest domestic customer is the U.S. Army Corps of Engineers (the "Corps"), which has responsibility for federally funded projects related to navigation and flood control of U.S. waterways. In 2023 and 2022, 75% and 67%, respectively, of contract revenues were earned from contracts with federal government agencies, including the Corps, as well as other federal entities such as the U.S. Coast Guard and U.S. Navy. At December 31, 2023 and 2022, approximately 36% and 46% respectively, of accounts receivable, including contract revenues in excess of billings and retainage, were due on contracts with federal government agencies. The Company depends on its ability to continue to obtain federal government contracts, and indirectly, on the amount of federal funding for new and current government dredging projects. Therefore, the Company's operations can be influenced by the level and timing of federal funding.

The Company derived revenues and gross profit (loss) from foreign project operations for the years ended December 31, 2023 and 2022, as follows:

	2023	2022
Contract revenues	\$ —	\$ 149
Costs of contract revenues	(1,142)	(341)
Gross profit (loss)	<u>\$ (1,142)</u>	<u>\$ (192)</u>

In 2022, foreign revenues were primarily from work done in the Middle East. The majority of the Company's long-lived assets are marine vessels and related equipment. At any point in time, the Company may employ certain assets outside of the U.S., as needed, to perform work on the Company's foreign projects. As of December 31, 2023 and 2022, long-lived assets located outside of the U.S had no net book value. Currently our assets outside of the U.S. do not include dredges. Revenue from foreign projects has been concentrated in the Middle East which comprised less than 1% in 2023 and 2022. At December 31, 2023, there were no accounts receivable due on contracts in the Middle East. At December 31, 2022, approximately 9%, of total accounts receivable, including retainage and contract revenues in excess of billings, were due on contracts in the Middle East.

8. RETIREMENT PLANS

The Company sponsors two 401(k) savings plans, one covering substantially all non-union salaried employees ("Salaried Plan"), a second covering its hourly employees ("Hourly Plan"). Under the Salaried Plan and the Hourly Plan, individual employees may contribute a percentage of compensation and the Company will match a portion of the employees' contributions. The Salaried Plan also includes a discretionary profit-sharing component, permitting the Company to make discretionary employer contributions to all eligible employees of these plans. Additionally, the Company sponsors a Supplemental Savings Plan in which the Company makes contributions for certain key executives. The Company's expense for matching, discretionary and Supplemental Savings Plan contributions for 2023 and 2022, was \$4,757 and \$2,996, respectively.

The Company also contributes to various multiemployer pension plans pursuant to collective bargaining agreements. In 2023 and 2022, the Company contributed \$5,153 and \$4,915 respectively to all of the multiemployer plans that provide pension benefits. The information available to the Company about the multiemployer plans in which it participates, whether via request to the plan or publicly available, is generally dated due to the nature of the reporting cycle of multiemployer plans and legal requirements under the Employee Retirement Income Security Act ("ERISA") as amended by the Multiemployer Pension Plan Amendments Act ("MPPAA"). Based upon these plans' most recently available annual reports, the Company's contributions to these plans were less than 5% of each plan's total contributions.

The Company does not expect any future increased contributions to have a material negative impact on its financial position, results of operations or cash flows for future years. The risks of participating in multiemployer plans are different from single employer plans as assets contributed are available to provide benefits to employees of other employers and unfunded obligations from an employer that discontinues contributions are the responsibility of all remaining employers. In addition, in the event of a plan's termination or the Company's withdrawal from a plan, the Company may be liable for a portion of the plan's unfunded vested benefits. However, information from the plans' administrators is not available to permit the Company to determine its share, if any, of unfunded vested benefits.

9. COMMITMENTS AND CONTINGENCIES

The Company has guaranteed the repayment of debt and interest under GLD Corporation's senior revolving credit facility and senior notes. The related obligations are the responsibility of the Parent and accordingly are not reflected in the Company's consolidated balance sheets. However, the Company may advance funds to GLD Corporation to provide for the Parent's debt service obligations, see Note 10, Related-Party Transactions.

Credit agreement

On July 29, 2022, the Company, GLD Corporation, NASDI Holdings, LLC, Great Lakes Environmental & Infrastructure Solutions, LLC, Great Lakes U.S. Fleet Management, LLC, and Drews Services LLC (collectively the "Credit Parties") entered into a second amended and restated revolving credit and security agreement (as amended, supplemented or otherwise modified from time to time, the "Amended Credit Agreement") with certain financial institutions from time to time party thereto as lenders, PNC Bank, National Association, as Agent (the "Agent"), PNC Capital Markets, CIBC Bank USA, Bank of America, N.A. and Trust Securities, Inc., as Joint Lead Arrangers and Joint Bookrunners, CIBC Bank USA and Trust Bank as Co-Syndication Agents, Bank of America, N.A., as Documentation Agent and PNC Bank National Association, as Green Loan Coordinator. The Amended Credit Agreement amends and restates the prior Amended Credit Agreement dated as of May 3, 2019 by and among the financial institutions from time to time party thereto as lenders, the Agent and the Credit Parties party thereto such that the terms and conditions of the prior credit agreement have been subsumed and replaced in their entirety by the terms and conditions of the Amended Credit Agreement, including the amount available under the revolving credit facility. The terms of the Amended Credit Agreement are summarized below.

The Amended Credit Agreement provides for a senior secured revolving credit facility in an aggregate principal amount of up to \$300,000 of which the full amount is available for the issuance of standby letters of credit. The maximum borrowing capacity under the Amended Credit Agreement is determined by a formula and may fluctuate depending on the value of the collateral included in such formula at the time of determination. The Amended Credit Agreement also includes an increase option that will allow GLD Corporation to increase the senior secured revolving credit facility by an aggregate principal amount of up to \$100,000. This increase is subject to lenders providing incremental commitments for such increase, the Credit Parties having adequate borrowing capacity and provided that no default or event of default exists both before and after giving effect to such incremental commitment increase.

The Amended Credit Agreement contains a green loan option where GLD Corporation can borrow at the lower interest rates described below so long as such funds are used to fund capital investments related to renewable energy and clean transportation projects and are consistent with green loan principles. The green loan option is subject to a \$35,000 sublimit.

The Amended Credit Agreement contains customary representations and affirmative and negative covenants, including a springing financial covenant that requires the Credit Parties to maintain a fixed charge coverage ratio (ratio of earnings before income taxes, depreciation and amortization, net interest expenses, non-cash charges and losses and certain other non-recurring charges, minus capital expenditures, income and franchise taxes, to net cash interest expense plus scheduled cash principal payments with respect to debt plus restricted payments paid in cash) of not less than 1.10 to 1.00. The springing financial covenant is triggered when the undrawn availability of the Amended Credit Agreement is less than 12.5% of the maximum loan amount for five consecutive days. The Amended Credit Agreement also contains customary events of default (including non-payment of principal or interest on any material debt and breaches of covenants) as well as events of default relating to certain actions by GLD Corporation's surety bonding providers. The obligations of the Credit Parties under the Amended Credit Agreement will be unconditionally guaranteed, on a joint and several basis, by each existing and subsequently acquired or formed material direct and indirect domestic subsidiary of GLD Corporation. Borrowings under the Amended Credit Agreement will be used to pay fees and expenses related to the Amended Credit Agreement, finance acquisitions permitted under the Amended Credit Agreement, finance ongoing working capital, for other general corporate purposes, and with respect to any green loan, fund capital investments related to renewable energy and clean transportation projects. The Amended Credit Agreement matures on the earlier of July 29, 2027 or the date that is ninety-one (91) days prior to the scheduled maturity date of GLD Corporation's unsecured senior notes, which is currently June 1, 2029, if GLD Corporation fails to refinance its unsecured senior notes prior to their scheduled maturity date but only if such scheduled maturity date is prior to the maturity date of the Amended Credit Agreement.

The obligations under the Amended Credit Agreement are secured by substantially all of the assets of the Credit Parties. The outstanding obligations thereunder shall be secured by a valid first priority perfected lien on substantially all of the U.S. flagged and located vessels of the Credit Parties and a valid perfected lien on all domestic accounts receivable and substantially all other assets of the Credit Parties, subject to the permitted liens and interests of other parties (including the GLD Corporation's surety bonding providers).

Interest on the senior secured revolving credit facility of the Amended Credit Agreement is equal to either a Domestic Rate option or Secured Overnight Financing Rate ("SOFR") option, at GLD Corporation's election. As of July 29, 2022, (a) the Domestic

Rate option is the highest of (1) the base commercial lending rate of PNC Bank, National Association, as publicly announced, (2) the sum of the overnight bank funding rate plus 0.5% and (3) the sum of the daily simple SOFR plus 1.0%, so long as a daily simple SOFR is offered, ascertainable and not unlawful and (b) the SOFR option is the rate that applies for the applicable interest period determined by the Agent and based on the rate published by the CME Group Benchmark Administration Limited (or a successor administrator). After the date on which a borrowing base certificate is required to be delivered under Section 9.2 of the Amended Credit Agreement (commencing with the fiscal quarter ending September 30, 2022), the Domestic Rate option will be the Domestic Rate plus an interest margin ranging between 0.25% and 0.75% and the SOFR option will be the SOFR plus an interest margin ranging between 1.25% and 1.75%, in each case, depending on the quarterly average undrawn availability on the Amended Credit Agreement. Additionally, GLD Corporation will have an option to borrow at Green Loan Advance Rates, each of which will be 0.05% lower than the corresponding applicable rate if GLD Corporation certifies that it will use such proceeds to invest in renewable energy and clean transportation projects and it complies with green loan principles.

The obligations of GLD Corporation under the Amended Credit Agreement are unconditionally guaranteed, on a joint and several basis, by each existing and subsequently acquired or formed material direct and indirect domestic subsidiary of GLD Corporation.

GLD Corporation had \$90,000 and zero borrowings on the revolver as of December 31, 2023 and 2022, respectively. There were \$49,777 and \$16,391 of letters of credit outstanding as of December 31, 2023 and 2022, respectively. GLD Corporation had \$122,320 and \$245,713 of net availability under the Amended Credit Agreement as of December 31, 2023 and 2022, respectively. The availability under the Amended Credit Agreement is suppressed by \$37,903 and \$37,897 as of December 31, 2023 and 2022, respectively, as a result of certain limitations of borrowing related to reserves and compliance with GLD Corporation's obligations set forth in the Amended Credit Agreement or the prior credit agreement. Based on the aforementioned variable interest rate components, the weighted average interest rate on the revolver borrowings is 6.71% as of December 31, 2023.

Senior notes and subsidiary guarantors

GLD Corporation's obligations under the 2029 Notes are guaranteed by GLD Corporation's 100% owned existing and future domestic subsidiaries that are co-borrowers or guarantors under the Amended Credit Agreement. Such guarantees are full, unconditional and joint and several. The parent company issuer has no independent assets or operations and all non-guarantor subsidiaries have been determined to be minor.

Commercial commitments

Performance and bid bonds are customarily required for dredging and marine construction projects. The Company has bonding agreements with Argonaut Insurance Company, ACE Holdings, Liberty Mutual Insurance Company and Philadelphia Indemnity Insurance Company, (collectively, the "Sureties") under which the Company can obtain performance, bid and payment bonds. The Company also currently has outstanding bonds with Travelers Casualty and Surety Company of America, Berkley Insurance Company and Zurich American Insurance Company. Bid bonds are generally obtained for a percentage of bid value and amounts outstanding typically range from \$1,000 to \$10,000. At December 31, 2023, the Company had outstanding performance bonds with a notional amount of approximately \$960,906. The revenue value remaining in backlog related to the projects totaled approximately \$546,759.

Certain foreign projects performed by the Company have warranty periods, typically spanning no more than one to three years beyond project completion, whereby the Company retains responsibility to maintain the project site to certain specifications during the warranty period. Generally, any potential liability of the Company is mitigated by insurance, shared responsibilities with consortium partners, and/or recourse to owner-provided specifications.

Legal proceedings and other contingencies

As is customary with negotiated contracts and modifications or claims to competitively bid contracts with the federal government, the government has the right to audit the books and records of the Company to ensure compliance with such contracts, modifications, or claims, and the applicable federal laws. The government has the ability to seek a price adjustment based on the results of such audit. Any such audits have not had, and are not expected to have, a material impact on the financial position, operations, or cash flows of the Company.

Various legal actions, claims, assessments and other contingencies arising in the ordinary course of business are pending against the Company and certain of its subsidiaries. The Company will defend itself vigorously on all matters. These matters are subject to many uncertainties, and it is possible that some of these matters could ultimately be decided, resolved, or settled adversely to the Company. Although the Company is subject to various claims and legal actions that arise in the ordinary course of business, except as

described below, the Company is not currently a party to any material legal proceedings or environmental claims. The Company records an accrual when it is probable a liability has been incurred and the amount of loss can be reasonably estimated. The Company does not believe any of these proceedings, individually or in the aggregate, would be expected to have a material effect on results of operations, cash flows or financial condition.

Lease obligations

The Company leases certain operating equipment and office facilities under long-term operating leases expiring at various dates through 2030. The equipment leases contain renewal or purchase options that specify prices at the then fair value upon the expiration of the lease terms. The leases also contain default provisions that are triggered by an acceleration of debt maturity under the terms of the GLD Corporation's Amended Credit Agreement, or, in certain instances, cross default to other equipment leases and certain lease arrangements require that GLD Corporation maintain certain financial ratios comparable to those required by its Amended Credit Agreement. Additionally, the leases typically contain provisions whereby the Company indemnifies the lessors for the tax treatment attributable to such leases based on the tax rules in place at lease inception. The tax indemnifications do not have a contractual dollar limit. To date, no lessors have asserted any claims against the Company under these tax indemnification provisions.

10. RELATED-PARTY TRANSACTIONS

The Company periodically makes advances to and receives funds from its parent, GLD Corporation, and the Company's affiliates. These amounts are shown as amounts due to or due from affiliates in the consolidated balance sheets. These advances and receipts are primarily related to working capital needs such as income tax, debt, and other vendor payments.

During 2017, the Company finished construction on a dual mode articulated tug/barge trailing suction hopper dredge, the Ellis Island, and subsequently entered into a sale-leaseback agreement with a subsidiary of GLD Corporation. The Company has entered into an intercompany lease agreement with the related party originating in November 2017 for a term of six years. In November 2023, the Company entered into a new intercompany lease agreement for an additional six years. During both years ended December 31, 2023 and 2022, the Company incurred \$11,793 of rent expense related to the Ellis Island. Further, in connection with the transaction, the Company recorded an intercompany note receivable due in 2027 that bears interest at 2.75% and subordinate to the first priority perfected lien on the Ellis Island under the Amended Credit Agreement.

During 2023, the Company took delivery of two Damen multifunctional all-purpose vessels, the Cape Hatteras and the Cape Canaveral, and subsequently entered into a sale-leaseback agreement with a subsidiary of GLD Corporation. The Company has entered into an intercompany lease agreement with the related party originating in November 2023 for a term of six years. For the year ended December 31, 2023, the Company incurred \$550 of rent expense related to the Cape Hatteras and the Cape Canaveral. Further, in connection with the transaction, the Company recorded an intercompany note receivable due in 2033 from the related party that bears interest at 8.50% and is subordinate to the first priority perfected lien on the Cape Hatteras and the Cape Canaveral under the Amended Credit Agreement.

At December 31, 2023 and 2022, the Company's total intercompany note receivables was \$172,344 and \$150,473 respectively, and the Company recorded \$4,495 and \$4,278, respectively, within interest income, net related to all intercompany notes.

11. SUBSEQUENT EVENTS

The Company has evaluated subsequent events through April 1, 2024, the date the consolidated financial statements were available to be issued. The Company is not aware of any significant or material subsequent event that would require disclosure.



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

(g) LIST OTHER PRESENT COMMITMENTS



Great Lakes Dredge & Dock Company, LLC

LIST OF PRESENT COMMITMENTS

Month Ended March 31, 2024

Job #	Job Description	Type	Work Type	Dredge	Client	Remaining		Awarded	Working Estimate		Completion
						Revenue	%	Month	Revenue	Started	
16086	FIMI, NY 2023		Beach Nourishment	Hopper Dredge Ellis Island	U.S.A.C.E. - New York District	4,012,714	90%	Aug-23	40,870,895	Q4-23	Q1-24
16110	Great Egg, NJ 2023		Beach Nourishment	Hopper Dredge Liberty Island & Hydraulic Dredge Illinois	U.S.A.C.E. - Philadelphia District	18,441,991	51%	Oct-23	37,809,708	Q4-23	Q2-24
72885	St. Augustine Bch, FL 2023		Beach Nourishment	Hopper Dredge Ellis Island	U.S.A.C.E. - Jacksonville	28,917,888	22%	Sep-23	36,856,325	Q1-24	Q2-24
72892	Duval County Bchs, FL 2023		Beach Nourishment	Hopper Dredges Padre Island & Galveston Island	U.S.A.C.E. - Jacksonville	32,066,600	0%	Dec-23	32,066,600	Q1-24	Q3-24
72902	St Lucie Inlet FL 2024		Maintenance Dredging	Mechanical Dredge 54	U.S.A.C.E. - Jacksonville	8,636,414	0%	Mar-24	8,636,414	Q3-24	Q3-24
84664	Port Arthur LNG, TX 2023		New Work - Deepening	Hydraulic Dredge Alaska	Bechtel Energy Inc.	122,866,537	6%	Aug-23	130,434,930	Q2-24	2025
84764	Rio Grande LNG, Brownsville, TX 2020		New Work & Maintenance Dred	Hydraulic Dredges Ohio & Carolina & Hopper Dredges Ellis Island & Dodge Island	NextDecade Corporation	375,342,222	3%	Jul-23	387,018,254	Q1-24	2025
84837	Corpus Christi Deep 3, TX 2021		Maintenance/New Work	Hydraulic Dredges Ohio & Carolina	U.S.A.C.E. - Galveston District	16,624,677	90%	Sep-21	169,401,646	Q3-21	Q3-23
84889	Port of Houston- HSC, TX 2021		New Work - Deepening	Hydraulic Dredge Carolina & Mechanical Dredge 54	Port of Houston Authority, TX	672,076	99%	Oct-21	86,572,808	Q4-21	Q4-22
84913	Atchafalaya River, LA 2023		Maintenance Dredging	Hydraulic Dredge Carolina	U.S.A.C.E. - New Orleans District	2,583,346	87%	Jul-23	20,286,958	Q3-23	Q4-23
84956	Atchafalaya River Rental, LA 2023		Maintenance Dredging	Hydraulic Dredge Texas	U.S.A.C.E. - New Orleans District	1,815,064	92%	Nov-23	22,360,971	Q4-23	Q1-24
84959	HSC- Redfish-Bayport, TX 2022		Maintenance Dredging	Hopper Dredges Terrapin Island & Liberty Island	U.S.A.C.E. - Galveston District	2,505,115	92%	Sep-22	30,612,544	Q4-22	Q3-23
84972	Freeport Hbr.Reaches 1,2,4, TX 2023		New Work - Deepening	Hopper Dredges Galveston Island & Ellis Island & Mechanical Dredges 54 & New York	U.S.A.C.E. - Galveston District	104,313,335	28%	May-23	144,565,093	Q2-23	2025
84975	HSC- Bolivar-Redfish, TX 2023		Maintenance Dredging	Hopper Dredges Galveston Island & Liberty Island	U.S.A.C.E. - Galveston District	845,249	95%	Apr-23	15,422,078	Q2-23	Q1-24
84995	Miss Rvr Hopper Rental, MS 2023		Maintenance Dredging	Hopper Dredge Dodge Island	U.S.A.C.E. - New Orleans District	12,329,197	23%	Jul-23	16,069,475	Q1-24	2025
85013	Gulf Shores Beach, AL 2023		Beach Nourishment	Hopper Dredges Dodge Island & Padre Island	City of Gulf Shores, AL	1,302,428	96%	Aug-23	32,871,925	Q4-23	Q1-24
85023	Freeport SATOC, TX 2023		Maintenance Dredging	Hopper Dredges Padre Island & Galveston Island	U.S.A.C.E. - Galveston District	11,449,218	0%	Dec-23	11,449,218	Q2-24	2025
85028	Sabine Deepening 2B, TX 2023		New Work - Deepening	Hopper Dredges Ellis Island & Padre Island & Galveston Island & Mechanical Dredge 5	Sabine Neches Navigation District	60,291,190	0%	Dec-23	60,291,190	Q1-24	2024
GLDD Division						805,015,261			1,283,597,032		
R1477	Lago Loiza, PR 2022		Maintenance Dredging	Hydraulic Dredge L.P.	Puerto Rico Aqueduct & Sewer Authority (PRASA)	68,068,048	27%	Jan-23	93,149,800	Q1-23	2024
R1478	McClellan-Kerr, AR 2022		Maintenance Dredging	Hydraulic Dredge Sandpiper	U.S.A.C.E. - Little Rock District	6,341,603	63%	Aug-22	17,145,118	Q3-22	Q4-22
Rivers & Lakes Division						74,409,651			110,294,918		
W1000	Empire Wind 1 & 2 2022		New Work - Offshore Wind	Sub Sea Rock Installation Vessel	Equinor	22,299,936	0%	Jul-22	22,299,936	2024	2024
W1009	Sunrise Wind Cable Protection 2023		New Work - Offshore Wind	Sub Sea Rock Installation Vessel	Orsted Energy Company	22,304,000	0%	Dec-23	22,304,000	Q4-25	Q4-25
Offshore Wind Division						44,603,936			44,603,936		
Total Dredging						924,028,848			1,438,495,886		



CAPTIVA ISLAND BEACH RENOURISHMENT PROJECT

**(h) LIST SUBCONTRACTORS THE BIDDER
PROPOSES TO USE IN PERFORMING THE WORK.**



Captiva Island Beach Renourishment Project
RFP-CEPD2024-1-0-2024

SUBCONTRACTORS

SCOPE OF WORK	SUBCONTRACTOR	POC
Project Species Observers	Coastwise Consulting	Chris Slay 706-540-6655 cslay@att.net
Turbidity	Oceanside Solutions	Joseph D. Doto 321-312-3343 joe@oceansidesolutions.com
Sea Oat Planting	Earthbalance	Chrissy Hense1 407-908-4780 chensel@earthbalance.com