

DOTD FORM: 24-102

(Revised January 1, 2023)

PROPOSAL TO PROVIDE CONSULTANT SERVICES

Prime consultant shall complete the DOTD Form 24-102 without altering the Form's text; however, the instruction and/or guidance for Sections 12 through 23 can be removed but do not remove Section title and number.

ANY CONSULTANT FAILING TO SUBMIT ANY OF THE INFORMATION REQUIRED ON THE DOTD FORM 24-102, OR PROVIDING INACCURATE INFORMATION ON THE DOTD FORM 24-102, MAY BE CONSIDERED NON-RESPONSIVE.

1. Contract Name as shown in the advertisement	IDIQ CONTRACT FOR PROFESSIONAL HYDROGRAPHIC SURVEYING SERVICES STATEWIDE WITH MAJORITY OF WORK IN DISTRICTS 02, 03, 07, 61, AND 62
2. Contract Number(s) as shown in the advertisement	4400027686
3. State Project Number(s), if shown in the advertisement	N/A
4. Prime consultant name (name must match as registered with the Louisiana Secretary of State where such registration is required by law)	Duplantis Design Group, PC
5. Prime consultant license number (as registered with the Louisiana Professional Engineering and Land Surveying Board (LAPELS) if registration is required under Louisiana law)	VF.0000804
6. Prime consultant mailing address	16564 East Brewster Road, Suite 101 Covington, LA 70433
7. Prime consultant physical address (existing or to be established, if location is used as an evaluation criteria)	Same as above (existing office location)
8. Name, title, phone number, and email address of Prime Consultant's Contract Point-of-Contact	Cory MacMenamin, PLS; Principal + Survey Lead (985) 249-6180; cmacmenamin@ddgpc.com 16564 East Brewster Road, Suite 101 Covington, LA 70433
9. Name, title, phone number, and email address of the official with signing authority for this proposal	Cory MacMenamin, PLS; Principal + Survey Lead (985) 249-6180; cmacmenamin@ddgpc.com
10. This is to certify that all information contained herein is accurate and true, and that the team presently has sufficient staff to perform these services within the designated time frame. By submitting this proposal, proposer certifies that it is not engaged in a boycott of Israel, and it will, for the duration of its contract obligations, refrain from a boycott of Israel. Proposer also certifies and agrees that the following information is correct:	(continued on following page)

In preparing its response, the proposer has considered all proposals submitted from qualified, potential subcontractors and suppliers, and has not, in the solicitation, selection, or commercial treatment of any subcontractor or supplier, refused to transact or terminated business activities, or taken other actions intended to limit commercial relations, with a person or entity that is engaging in commercial transactions in Israel or Israeli-controlled territories, with the specific intent to accomplish a boycott or divestment of Israel. The proposer also has not retaliated against any person or other entity for reporting such refusal, termination, or commercially limiting actions. DOTD reserves the right to reject the response of the bidder or proposer if this certification is subsequently determined to be false, and to terminate any contract awarded based on such a false response.



Signature above shall be the same person listed in Section 9:

9/14/2023

Date:

11. If a Disadvantaged Business Enterprise (DBE) goal has been set for this advertisement, indicate which firm(s) will be used to meet the DBE goal and each firm(s)' percentage.

Firm(s): N/A

12. Past Performance Evaluation Discipline Table

Sub-consultants are not allowed to be used for this proposal. Fill in the thable by identifying only those evaluation disciplines consistent with the approach and methodology proposed in Section 18 of the DOTD Form 24-102*, and the percentage of work in each past performance evaluation discipline to be performed. The percentage estimated for each evaluation discipline is for evaluation purposes only and will not control the actual performance or payment of the work.

(Add Rows as Needed)

Past Performance Evaluation Discipline(s)	% of Overall Contract
Survey	100%

13. FIRM SIZE

For all firms that are part of this team, indicate the approximate number of personnel to be committed to this contract, by DOTD Job Classification and the total number of personnel within the firm that could provide support, if needed. If a specialized job classification is required and not included on the DOTD job classification list, specify "Other (please specify)" and include the classification title inside the parentheses.

The DOTD Job Classification(s) to be used can be found at the following link:

http://wwwsp.dotd.la.gov/Inside_LaDOTD/Divisions/Engineering/CCS/Job_Qualification/Job%20Classifications%20with%20Descriptions.

Firm Name	DOTD Job Classification	Number of personnel committed to this contract	Total number of personnel available in the DOTD job classification (if needed)
Duplantis Design Group	Principal	1	12
Duplantis Design Group	Surveyor	2	4
Duplantis Design Group	Technician	3	8
Duplantis Design Group	Party Chief	3	4
Duplantis Design Group	CADD Drafter	1	15
Duplantis Design Group	Instrument Man	1	11

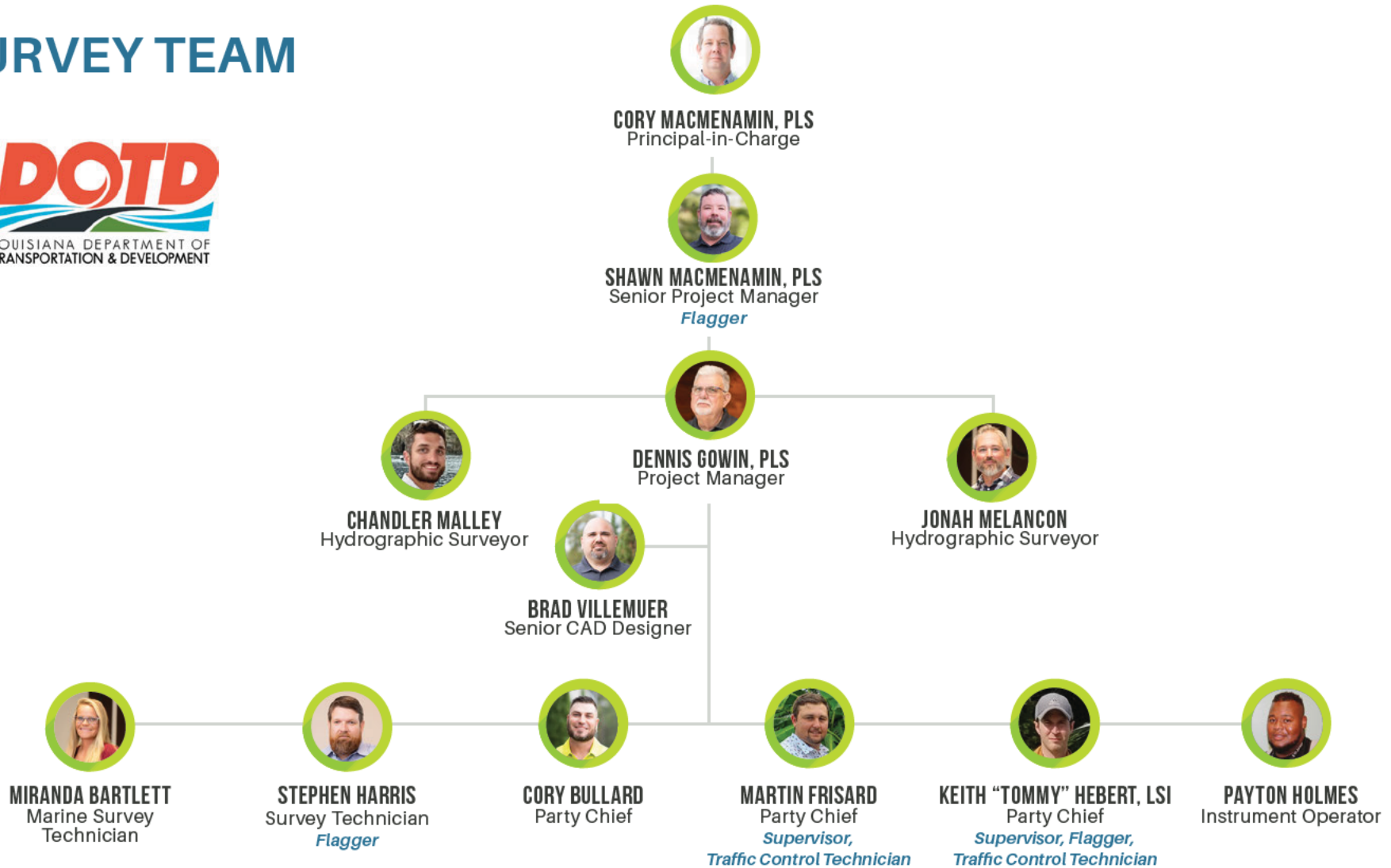
14. ORGANIZATIONAL CHART

Provide an organizational chart showing ALL **relevant** prime consultant and sub-consultant (if applicable) personnel assigned to the contract, area of project responsibility for each, and reporting lines for the purposes of this contract. An individual's role does not necessarily have to match their DOTD job classification identified in Section 13.

if applicable, identify all personnel performing traffic engineering analysis and/or QC of traffic engineering analysis by placing an asterisk next to their name. Include the certificates required by the Traffic Engineering Process and Report Training Requirements article of the Advertisement in Section 20.

It is acceptable to use an 11x17 format for Section 14.

SURVEY TEAM



15. MINIMUM PERSONNEL REQUIREMENTS

Use the table below to identify both prime consultant and sub-consultant staff designated to work on this contract meeting the Minimum Personnel Requirements (MPRs) specified in the advertisement. Ensure the résumé reflects the required experience stated in the MPR. Make sure the P.E. discipline is also listed (highlighted in table) that is meeting the MPR; e.g. professional civil engineer should show the discipline of the license as civil if meeting that MPR.

MPR No. <small>Do not insert wording from ad</small>	Personnel being used to meet the MPR	Firm Employed By	Type of license and discipline meeting MPR/ certification & number (Ex: PE # - Civil)	State of License	License/Certification Expiration Date
1.	Cory MacMenamin, PLS	DDG	Principal + Professional Land Surveyor #PLS.0005269	LA	03/31/2024
2.	Dennis Gowin, PLS	DDG	Professional Land Surveyor #PLS.0004846	LA	09/30/2024
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16. Staff Experience. Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Resumes should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm Employed By		Duplantis Design Group, PC	
Name	Cory MacMenamin, PLS	Years of Experience with This Firm/Employer	3 Years
Title	Principal-in-Charge / Survey Division Lead	Years of Experience with Other Firm(s)/Employer(s)	24 Years
Degree(s) / Years / Specialization		Associates in Land Surveying, Community College of Southern Nevada, 2008 Bachelors in Business Management, Southeastern University, 2019 Survey and Mapping, University of Wyoming, 2020	
Active Registration Number / State / Expiration Date		Professional Land Surveyor No. 0005269 / LA / 03.31.2024	
Year Registered	2021	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Principal-in-Charge. Cory manages the surveying team and reviews all deliverables for quality assurance and quality control to ensure the highest level of client satisfaction. With over 25 years of experience, Cory has vast knowledge of many different survey methods and has preformed surveys all across the Gulf South. As technology continues to advance, Cory keeps DDG at the forefront and utilized the best technologies such as GPS, Remote Sensing, Robotic Total Station, and Scanning Stations, and drones to collect the accurate and precise data.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
05/23 - 07/23	Brazos Island Harbor / South Padre Island; South Padre, TX Survey Lead. DDG performed pre-construction and monitoring hydrographic surveys on the Port Isabelle inlet and OMDS (Offshore Material Disposal Site) of Brazos Island Harbor, TX and South Padre Island, TX. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
11/20 - 06/23	Viking River Cruises New Dock; Mississippi River Survey Lead. DDG conducted hydrographic and topographic surveys of the Mississippi River riverbed, levees, and adjacent roadways for the design of four docks. DDG utilized a 25' survey vessel, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Teledyne ECHOTRAC E20 SBES and a Trimble R12i base/rover RTK system, and a Valeport SWIFT SVP to collect data. The office team utilized HYPACK 2021 and AutoCAD Civil 3D for project planning and post-processing.		
03/23 - 08/23	Sustainable Fuels Group/St. Charles Clean Fuels Project; St. Rose, LA Survey Lead. DDG performed hydrographic and topographic survey of the Mississippi River and its levees for construction of a levee crossing for St. Charles Clean Fuels, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
04/23 - 07/23	Spanish Pass Marsh Creation/Coastal Protection and Restoration Authority; Plaquemines, LA Survey Lead. DDG conducted hydrographic, geophysical, and topographic surveys for this Weeks Marine marsh creation project in the Mississippi River. The field crew utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, aerial drones, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK, and a Valeport SWIFT SVP to collect data. In the shallow areas, the field crew utilized a 20' shallow draft boat or a 16' Robichaux air boat, a Trimble R12i base/rover RTK system and a Geometrics 882 magnetometer to perform topographic and magnetometer surveys. The office team utilized Hypack 2020 for project planning and post-processing. DDG delivered maps, cross-sections and many multi beam surfaces for the subline crossing the Mississippi River channel.		
11/22 - Ongoing	Houston Shipping Channel; Galveston, TX Survey Lead. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augment with RTK, a Trimble R12i RTK base and rover, a Valeport SWIFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.		

16. Staff Experience. Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm Employed By		Duplantis Design Group, PC	
Name	Shawn MacMenamin, PLS	Years of Experience with This Firm/Employer	3 Years
Title	Professional Land Surveyor	Years of Experience with Other Firm(s)/Employer(s)	21 Years
Degree(s) / Years / Specialization		Bachelors of General Studies + Geomatics, 2009, Nicholls State University	
Active Registration Number / State / Expiration Date		Professional Land Surveyor No. 0005099 / LA / 9.30.2025	
Year Registered	2013	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Professional Land Surveyor Project Manager. Shawn will oversee the field crew operations and will direct the work of field crews. He will manage and assure the quality of data collection, data processing and drafting. Additionally, he is responsible for data processing and drafting of plats and maps. Also performs initial quality control checks.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
11/18 - 03/22	I-49 South: Ambassador Caffery/US-90 Int; Collins, MS Project Manager. DDG executed topographic surveys for the reconstruction of US Hwy. 90 to interstate standards per the conceptual design for state project number H.002868. The field crew utilized Trimble R12i base/rover RTK systems and total stations to survey the overpass bridge, pilings, piers, and roadways according to DOTD standards. The office crew utilized Microstation software to produce right-of-way plats.		
08/23 - Ongoing	Galveston Bay Oyster Pad; Galveston, TX Project Manager. DDG completed hydrographic pre-construction hazard surveys and final construction as-built surveys of oyster pads constructed in the Galveston Bay for Luhr Crosby, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
11/22 - Ongoing	Houston Shipping Channel; Galveston, TX Project Manager. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augmented with RTK, a Trimble R12i RTK base and rover, a Valeport SWIFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.		
05/23 - 07/23	Brazos Island Harbor / South Padre Island; South Padre, TX Project Manager. DDG performed pre-construction and monitoring hydrographic surveys on the Port Isabelle inlet and OMDS (Offshore Material Disposal Site) of Brazos Island Harbor, TX and South Padre Island, TX. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
11/20 - 06/23	Viking River Cruises New Dock; Mississippi River Project Manager. DDG conducted hydrographic and topographic surveys of the Mississippi River riverbed, levees, and adjacent roadways for the design of four docks. DDG utilized a 25' survey vessel, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Teledyne ECHOTRAC E20 SBES and a Trimble R12i base/rover RTK system, and a Valeport SWIFT SVP to collect data. The office team utilized HYPACK 2021 and AutoCAD Civil 3D for project planning and post-processing.		

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Firm Employed By		Duplantis Design Group, PC	
Name	Dennis Gowin, PLS	Years of Experience with This Firm/Employer	4 Years
Title	Professional Land Surveyor	Years of Experience with Other Firm(s)/Employer(s)	40 Years
Degree(s) / Years / Specialization		Southwest Baptist College, Bolivar, Missouri	
Active Registration Number / State / Expiration Date		PLS. 0004846 / Louisiana / 9.30.2023	
Year Registered	1998	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Survey Senior Project Manager. Dennis has over 40 year's of experience in the surveying profession and nearly 30 years as a licensed Surveyor. He has vast experience with all aspects of development of projects from zoning and preliminary plat approval to construction layout and final platting. He serves as a supervising professional and project manager for numerous boundary, topographic and ALTA/NSPS surveys. He is responsible for reviewing and stamping all final plats and provides calculations for the construction layout.	
Experience Dates (mm/yy - mm/yy)	Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
04/21 - 07/23	<p>Viking River Cruises New Dock; Mississippi River Project Manager. DDG conducted hydrographic and topographic surveys of the Mississippi River riverbed, levees, and adjacent roadways for the design of four docks. DDG utilized a 25' survey vessel, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Teledyne ECHOTRAC E20 SBES and a Trimble R12i base/rover RTK system, and a Valeport SWIFT SVP to collect data. The office team utilized HYPACK 2021 and AutoCAD Civil 3D for project planning and post-processing.</p>		
12/22 - Ongoing	<p>Pecan Island CCS; Vermilion Parish, LA Project Manager. DDG conducted topographic, hydrographic, and hazard surveys for ExxonMobil at Pecan Island CCS. Our survey team also located and collected data to identify historical wells on site. DDG also provided environmental permitting and planning services. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
03/23 - 08/23	<p>Sustainable Fuels Group/St. Charles Clean Fuels Project; St. Rose, LA Project Manager. DDG performed hydrographic and topographic survey of the Mississippi River and its levees for construction of a levee crossing for St. Charles Clean Fuels, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
04/23 - 07/23	<p>Spanish Pass Marsh Creation/Coastal Protection and Restoration Authority; Plaquemines, LA Project Manager. DDG conducted hydrographic, geophysical, and topographic surveys for this Weeks Marine marsh creation project in the Mississippi River. The field crew utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, aerial drones, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK, and a Valeport SWIFT SVP to collect data. In the shallow areas, the field crew utilized a 20' shallow draft boat or a 16' Robichaux air boat, a Trimble R12i base/rover RTK system and a Geometrics 882 magnetometer to perform topographic and magnetometer surveys. The office team utilized Hypack 2020 for project planning and post-processing. DDG delivered maps, cross-sections and many multi beam surfaces for the subline crossing the Mississippi River channel.</p>		
03/20 - 12/20	<p>Flat Lake Sediment Management Study; St. Mary Parish, LA Project Manager. DDG performed a hydrographic survey and geophysical survey of the 3,200-acre lake with 1,000-foot transects. The field crew utilized a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing to prepare a bathymetric map of the lake.</p>		

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Firm Employed By		Duplantis Design Group, PC	
Name	Cory Bullard	Years of Experience with This Firm/Employer	2 Years
Title	Survey Party Chief	Years of Experience with Other Firm(s)/Employer(s)	10 Years
Degree(s) / Years / Specialization		SAU Tech, 2006, Associates Degree in Aviation Maintenance Technology	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Party Chief and Hydro Technician. Cory will be responsible for the oversight of field crew operations and directs the work of field crews.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intesection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
05/23 - 07/23	<p>Brazos Island Harbor / South Padre Island; South Padre, TX Survey Party Chief. DDG performed pre-construction and monitoring hydrographic surveys on the Port Isabelle inlet and OMDs (Offshore Material Disposal Site) of Brazos Island Harbor, TX and South Padre Island, TX. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
11/20 - 06/23	<p>Viking River Cruises New Dock; Mississippi River Survey Party Chief. DDG conducted hydrographic and topographic surveys of the Mississippi River riverbed, levees, and adjacent roadways for the design of four docks. DDG utilized a 25' survey vessel, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Teledyne ECHOTRAC E20 SBES and a Trimble R12i base/rover RTK system, and a Valeport SWiFT SVP to collect data. The office team utilized HYPACK 2021 and AutoCAD Civil 3D for project planning and post-processing.</p>		
05/23 - 07/23	<p>Cole's Bayou; Vermilion Parish, LA Survey Party Chief. DDG conducted hydrographic and topographic surveys to create and nourish 415 acres of brackish marsh in recently formed shallow open water and increase freshwater and sediment inflow into interior wetlands by improving project area hydrology. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
03/23 - 08/23	<p>Sustainable Fuels Group/St. Charles Clean Fuels Project; St. Rose, LA Survey Party Chief. DDG performed hydrographic and topographic survey of the Mississippi River and its levees for construction of a levee crossing for St. Charles Clean Fuels, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
11/22 - Ongoing	<p>Houston Shipping Channel; Galveston, TX Survey Party Chief. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augment with RTK, a Trimble R12i RTK base and rover, a Valeport SWiFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.</p>		

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Firm Employed By		Duplantis Design Group, PC	
Name	Chandler Malley	Years of Experience with This Firm/Employer	1 Year
Title	Hydrographic Surveyor	Years of Experience with Other Firm(s)/Employer(s)	5 Years
Degree(s) / Years / Specialization		B.S. Engineering, 2017, Mississippi State University M.S. Hydrographic Science, 2021, University of Southern Mississippi	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Chandler is a professional in the planning, execution, and production of hydrographic surveys. His duties include survey logistics, data collection, data processing, and QA/QC. Chandler increases customer satisfaction by using his education and experience to continuously improve survey efficiency and maintain the highest standards.	
Experience Dates (mm/yy - mm/yy)	Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/23 - Ongoing	<p>Galveston Bay Oyster Pad; Galveston, TX Hydrographic Surveyor. DDG completed hydrographic pre-construction hazard surveys and final construction as-built surveys of oyster pads constructed in the Galveston Bay for Luhr Crosby, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
03/23 - 08/23	<p>Sustainable Fuels Group/St. Charles Clean Fuels Project; St. Rose, LA Hydrographic Surveyor. DDG performed hydrographic and topographic survey of the Mississippi River and its levees for construction of a levee crossing for St. Charles Clean Fuels, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
08/22 - 11/22	<p>Bayou Bonfouca; St. Tammany Parish, LA Hydrographic Surveyor. DDG conducted hydrographic, topographic, and geophysical surveys in conjunction with an evaluation of historic tidal, wind and wave conditions to assist CPRA in creating 600 acres and nourishing over 200 acres of low salinity brackish marsh with sediment pumped from Lake Pontchartrain. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The field crew also utilized robotic total stations to survey the banks and bridges within the area. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
11/22 - Ongoing	<p>Houston Shipping Channel; Galveston, TX Hydrographic Surveyor. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augmented with RTK, a Trimble R12i RTK base and rover, a Valeport SWIFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.</p>		
12/17 - Ongoing	<p>Lake Borgne Marsh Creation; St. Bernard Parish, LA Hydrographic Surveyor. The DDG survey team performed dredging area check surveys and quality control surveys during construction for a coastal restoration project to ensure project milestones were met and design features were constructed per plan. DDG utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, an Applanix POS M/V OceanMaster, a Trimble R12i RTK base and rover, and a Valeport SWIFT SVP to collect data. DDG also utilized airboats, a magnetometer and a side scan sonar to complete the survey tasks for this project. DDG utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing. Once the survey was completed, a hydro survey technician reviewed data and exported post-processed data to Civil 3D for a draftsman to produce plan and profile deliverables.</p>		

16. Staff Experience. Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm Employed By		Duplantis Design Group, PC	
Name	Jonah Melancon	Years of Experience with This Firm/Employer	1 Year
Title	Hydrographic Surveyor	Years of Experience with Other Firm(s)/Employer(s)	17 Years
Degree(s) / Years / Specialization		High School Diploma	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Jonah will be responsible for planning and organizing the Marine Survey Crew's day-to-day field activities, setup, and operation of equipment, recording field notes and coordinating with the project engineer and surveyor.	
Experience Dates (mm/yy - mm/yy)	Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).		
08/23 - Ongoing	<p>Galveston Bay Oyster Pad; Galveston, TX Hydrographic Surveyor. DDG completed hydrographic pre-construction hazard surveys and final construction as-built surveys of oyster pads constructed in the Galveston Bay for Luhr Crosby, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
05/23 - 07/23	<p>Brazos Island Harbor / South Padre Island; South Padre, TX Hydrographic Surveyor. DDG performed pre-construction and monitoring hydrographic surveys on the Port Isabelle inlet and OMDS (Offshore Material Disposal Site) of Brazos Island Harbor, TX and South Padre Island, TX. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
11/20 - 06/23	<p>Viking River Cruises New Dock; Mississippi River Hydrographic Surveyor. DDG conducted hydrographic and topographic surveys of the Mississippi River riverbed, levees, and adjacent roadways for the design of four docks. DDG utilized a 25' survey vessel, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Teledyne ECHOTRAC E20 SBES and a Trimble R12i base/rover RTK system, and a Valeport SWiFT SVP to collect data. The office team utilized HYPACK 2021 and AutoCAD Civil 3D for project planning and post-processing.</p>		
11/22 - Ongoing	<p>Houston Shipping Channel; Galveston, TX Hydrographic Surveyor. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augmented with RTK, a Trimble R12i RTK base and rover, a Valeport SWiFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.</p>		
04/23 - 07/23	<p>Spanish Pass Marsh Creation/Coastal Protection and Restoration Authority; Plaquemines, LA Hydrographic Surveyor. DDG conducted hydrographic, geophysical, and topographic surveys for this Weeks Marine marsh creation project in the Mississippi River. The field crew utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, aerial drones, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK, and a Valeport SWiFT SVP to collect data. In the shallow areas, the field crew utilized a 20' shallow draft boat or a 16' Robichaux air boat, a Trimble R12i base/rover RTK system and a Geometrics 882 magnetometer to perform topographic and magnetometer surveys. The office team utilized Hypack 2020 for project planning and post-processing. DDG delivered maps, cross-sections and many multi beam surfaces for the subline crossing the Mississippi River channel.</p>		

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Firm Employed By		Duplantis Design Group, PC	
Name	Miranda Bartlett	Years of Experience with This Firm/Employer	1 Year
Title	Marine Survey Technician	Years of Experience with Other Firm(s)/Employer(s)	2 Years
Degree(s) / Years / Specialization		B.S. of Science, 2019, Psychology and Addiction Studies	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Marine Survey Technician. Under the supervision of a Licensed Survey of Senior Survey Technician, an Marine Survey Technician performs surveying and mapping duties. An Instrument Operator (or Marine Survey Technician) assists the survey or construction crew with assessing the topography and geography by (1) calibrating and operating a variety of specialized surveying equipment and (2) collecting data and reporting back to clients and/or leadership.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
08/23 - Ongoing	<p>Galveston Bay Oyster Pad; Galveston, TX Marine Survey Technician. DDG completed hydrographic pre-construction hazard surveys and final construction as-built surveys of oyster pads constructed in the Galveston Bay for Luhr Crosby, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
11/22 - Ongoing	<p>Houston Shipping Channel; Galveston, TX Marine Survey Technician. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augmented with RTK, a Trimble R12i RTK base and rover, a Valeport SWiFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.</p>		
05/23 - 07/23	<p>Brazos Island Harbor / South Padre Island; South Padre, TX Marine Survey Technician. DDG performed pre-construction and monitoring hydrographic surveys on the Port Isabelle inlet and OMDS (Offshore Material Disposal Site) of Brazos Island Harbor, TX and South Padre Island, TX. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
11/20 - 06/23	<p>Viking River Cruises New Dock; Mississippi River Marine Survey Technician. DDG conducted hydrographic and topographic surveys of the Mississippi River riverbed, levees, and adjacent roadways for the design of four docks. DDG utilized a 25' survey vessel, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Teledyne ECHOTRAC E20 SBES and a Trimble R12i base/rover RTK system, and a Valeport SWiFT SVP to collect data. The office team utilized HYPACK 2021 and AutoCAD Civil 3D for project planning and post-processing.</p>		
05/23 - 07/23	<p>Cole's Bayou; Vermilion Parish, LA Marine Survey Technician. DDG conducted hydrographic and topographic surveys to create and nourish 415 acres of brackish marsh in recently formed shallow open water and increase freshwater and sediment inflow into interior wetlands by improving project area hydrology. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		

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Firm Employed By		Duplantis Design Group, PC	
Name	Stephen Harris	Years of Experience with This Firm/Employer	1 Year
Title	Marine Survey Technician	Years of Experience with Other Firm(s)/Employer(s)	10 Years
Degree(s) / Years / Specialization		B.A. in Anthropology, 2010, University of Louisiana at Lafayette M.A. in Anthropology, 2012, University of Mississippi Civil, Survey, + Mapping Tech Program, 2021, South Louisiana Community College	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Marine Survey Technician. Under the supervision of a Licensed Survey of Senior Survey Technician, a Marine Survey Technician performs surveying and mapping duties. An Instrument Operator (or Marine Survey Technician) assists the survey or construction crew with assessing the topography and geography by (1) calibrating and operating a variety of specialized surveying equipment and (2) collecting data and reporting back to clients and/or leadership.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
11/20 - 06/23	<p>Viking River Cruises New Dock; Mississippi River Marine Survey Technician. DDG conducted hydrographic and topographic surveys of the Mississippi River riverbed, levees, and adjacent roadways for the design of four docks. DDG utilized a 25' survey vessel, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Teledyne ECHOTRAC E20 SBES and a Trimble R12i base/rover RTK system, and a Valeport SWIFT SVP to collect data. The office team utilized HYPACK 2021 and AutoCAD Civil 3D for project planning and post-processing.</p>		
11/22 - Ongoing	<p>Houston Shipping Channel; Galveston, TX Marine Survey Technician. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augmented with RTK, a Trimble R12i RTK base and rover, a Valeport SWIFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.</p>		
03/23 - 08/23	<p>Sustainable Fuels Group/St. Charles Clean Fuels Project; St. Rose, LA Marine Survey Technician. DDG performed hydrographic and topographic survey of the Mississippi River and its levees for construction of a levee crossing for St. Charles Clean Fuels, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
04/23 - 07/23	<p>Spanish Pass Marsh Creation/Coastal Protection and Restoration Authority; Plaquemines, LA Marine Survey Technician. DDG conducted hydrographic, geophysical, and topographic surveys for this Weeks Marine marsh creation project in the Mississippi River. The field crew utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, aerial drones, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK, and a Valeport SWIFT SVP to collect data. In the shallow areas, the field crew utilized a 20' shallow draft boat or a 16' Robichaux air boat, a Trimble R12i base/rover RTK system and a Geometrics 882 magnetometer to perform topographic and magnetometer surveys. The office team utilized Hypack 2020 for project planning and post-processing. DDG delivered maps, cross-sections and many multi beam surfaces for the subline crossing the Mississippi River channel.</p>		
12/17 - Ongoing	<p>Lake Borgne Marsh Creation; St. Bernard Parish, LA Marine Survey Technician. The DDG survey team performed dredging area check surveys and quality control surveys during construction for a coastal restoration project to ensure project milestones were met and design features were constructed per plan. DDG utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, an Applanix POS M/V OceanMaster, a Trimble R12i RTK base and rover, and a Valeport SWIFT SVP to collect data. DDG also utilized airboats, a magnetometer and a side scan sonar to complete the survey tasks for this project. DDG utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing. Once the survey was completed, a hydro survey technician reviewed data and exported post-processed data to Civil 3D for a draftsman to produce plan and profile deliverables.</p>		

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Firm Employed By		Duplantis Design Group, PC	
Name	Martin Frisard, III	Years of Experience with This Firm/Employer	4 Years
Title	Party Chief	Years of Experience with Other Firm(s)/Employer(s)	7 Years
Degree(s) / Years / Specialization		SAU Tech, 2006, Associates Degree in Aviation Maintenance Technology	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Survey Crew. Martin has over 10 years of experience working on a surveying crew. He provides direct support to the Survey Crew Chief and has assisted in many different types of surveys throughout Louisiana ranging from topographic and boundary to pipeline location and construction staking.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
11/22 - Ongoing	<p>Houston Shipping Channel; Galveston, TX Party Chief. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augment with RTK, a Trimble R12i RTK base and rover, a Valeport SWiFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.</p>		
11/18 - 03/22	<p>I-49 South; Ambassador Caffery/US-90 Int; Collins, MS Party Chief. DDG executed topographic surveys for the reconstruction of US Hwy. 90 to interstate standards per the conceptual design for state project number H.002868. The field crew utilized Trimble R12i base/rover RTK systems and total stations to survey the overpass bridge, pilings, piers, and roadways according to DOTD standards. The office crew utilized Microstation software to produce right-of-way plats.</p>		
03/21 - Ongoing	<p>W-15 Canal Widening/French Branch; St. Tammany Parish, LA Party Chief. DDG utilized a 14' flat boat, a dual-frequency Sonarmite SBES, a Trimble R12i base/rover RTK system and robotic total stations to survey the canal, banks, and bridges to produce a 3D surface for drainage modeling.</p>		
12/22 - Ongoing	<p>Pecan Island CCS; Vermilion Parish, LA Party Chief. DDG conducted topographic, hydrographic, and hazard surveys for ExxonMobil at Pecan Island CCS. Our survey team also located and collected data to identify historical wells on site. DDG also provided environmental permitting and planning services. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
08/22 - 11/22	<p>Bayou Bonfouca; St. Tammany Parish, LA Party Chief. DDG conducted hydrographic, topographic, and geophysical surveys in conjunction with an evaluation of historic tidal, wind and wave conditions to assist CPRA in creating 600 acres and nourishing over 200 acres of low salinity brackish marsh with sediment pumped from Lake Pontchartrain. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The field crew also utilized robotic total stations to survey the banks and bridges within the area. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		

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Firm Employed By		Duplantis Design Group, PC	
Name	Brad Villemuer	Years of Experience with This Firm/Employer	3 Years
Title	Senior CAD Designer	Years of Experience with Other Firm(s)/Employer(s)	11 Years
Degree(s) / Years / Specialization		Certificate of Technical Studies, Delgado Community College, 2015	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Lead CAD Technician. Brad provides CAD support DDG's surveying division. He has 14 years of experience drafting in Autocad, as well as, in Microstation for La DOTD projects. Mr. Villemuer has worked in architectural, structural, and civil environments in CAD with projects that have been located all over the country and coordinated with teams stationed all over of the world.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
11/22 - Ongoing	Houston Shipping Channel; Galveston, TX Senior CAD Designer. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augmented with RTK, a Trimble R12i RTK base and rover, a Valeport SWiFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.		
05/23 - 07/23	Brazos Island Harbor / South Padre Island; South Padre, TX Senior CAD Designer. DDG performed pre-construction and monitoring hydrographic surveys on the Port Isabelle inlet and OMDS (Offshore Material Disposal Site) of Brazos Island Harbor, TX and South Padre Island, TX. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
08/22 - 11/22	Bayou Bonfouca; St. Tammany Parish, LA Senior CAD Designer. DDG conducted hydrographic, topographic, and geophysical surveys in conjunction with an evaluation of historic tidal, wind and wave conditions to assist CPRA in creating 600 acres and nourishing over 200 acres of low salinity brackish marsh with sediment pumped from Lake Pontchartrain. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The field crew also utilized robotic total stations to survey the banks and bridges within the area. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
11/18 - 03/22	I-49 South: Ambassador Caffery/US-90 Int; Collins, MS Senior CAD Designer. DDG executed topographic surveys for the reconstruction of US Hwy. 90 to interstate standards per the conceptual design for state project number H.002868. The field crew utilized Trimble R12i base/rover RTK systems and total stations to survey the overpass bridge, pilings, piers, and roadways according to DOTD standards. The office crew utilized Microstation software to produce right-of-way plats.		
04/23 - 07/23	Spanish Pass Marsh Creation/Coastal Protection and Restoration Authority; Plaquemines, LA Senior CAD Designer. DDG conducted hydrographic, geophysical, and topographic surveys for this Weeks Marine marsh creation project in the Mississippi River. The field crew utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, aerial drones, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK, and a Valeport SWiFT SVP to collect data. In the shallow areas, the field crew utilized a 20' shallow draft boat or a 16' Robichaux air boat, a Trimble R12i base/rover RTK system and a Geometrics 882 magnetometer to perform topographic and magnetometer surveys. The office team utilized Hypack 2020 for project planning and post-processing. DDG delivered maps, cross-sections and many multi beam surfaces for the subline crossing the Mississippi River channel.		

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Firm Employed By		Duplantis Design Group, PC	
Name	Keith "Tommy" Hebert, LSI	Years of Experience with This Firm/Employer	4 Years
Title	Party Chief	Years of Experience with Other Firm(s)/Employer(s)	7 Years
Degree(s) / Years / Specialization		B.S. Accounting, 2005, Northwestern State University Civil Surveying + Mapping, 2020, South Louisiana Community College	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Survey Crew. Keith Hebert II is an instrument man for DDG's surveying division in the Lafayette branch. He has practiced surveying throughout South Louisiana on projects ranging from topographic, boundary, corridor, and river bed surveys to dimensional analysis, pipeline location, and construction staking.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
05/23 - 07/23	Four Mile Terracing; Vermilion Parish, LA Party Chief. DDG performed hydrographic surveys for monitoring and construction of a dredging area in White Lake for CPRA. The field crew utilized a Teledyne ECHOTRAC E20 SBES, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
12/22 - Ongoing	Pecan Island CCS; Vermilion Parish, LA Party Chief. DDG conducted topographic, hydrographic, and hazard surveys for ExxonMobil at Pecan Island CCS. Our survey team also located and collected data to identify historical wells on site. DDG also provided environmental permitting and planning services. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
11/18 - 03/23	Cypress Island / Joe Daigre Drainage System Maintenance Project; St. Martin Parish, LA Party Chief. DDG performed single beam and topographic surveys of approximately 20 miles of Coulée in St. Martin Parish to develop an existing drainage model. The field crew utilized a Teledyne ECHOTRAC E20 SBES, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The field crew also utilized robotic total stations to survey the banks and bridges within the area. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.		
04/23 - 07/23	Spanish Pass Marsh Creation/Coastal Protection and Restoration Authority; Plaquemines, LA Party Chief. DDG conducted hydrographic, geophysical, and topographic surveys for this Weeks Marine marsh creation project in the Mississippi River. The field crew utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, aerial drones, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK, and a Valeport SWIFT SVP to collect data. In the shallow areas, the field crew utilized a 20' shallow draft boat or a 16' Robichaux air boat, a Trimble R12i base/rover RTK system and a Geometrics 882 magnetometer to perform topographic and magnetometer surveys. The office team utilized Hypack 2020 for project planning and post-processing. DDG delivered maps, cross-sections and many multi beam surfaces for the subline crossing the Mississippi River channel.		
03/21 - Ongoing	W-15 Canal Widening/French Branch; St. Tammany Parish, LA Party Chief. DDG utilized a 14' flat boat, a dual-frequency Sonarmite SBES, a Trimble R12i base/rover RTK system and robotic total stations to survey the canal, banks, and bridges to produce a 3D surface for drainage modeling.		

16. Staff Experience. Résumés shall be provided for all prime and sub-consultant personnel listed in Sections 14 and/or 15 of the proposal. Résumés of personnel not identified in Section 14 or Section 15 of the proposal should not be included and will not be evaluated. Résumés should be limited to 2 pages per person. Any certificates required by the advertisement are to be placed in Section 20.

Firm Employed By		Duplantis Design Group, PC	
Name	Payton Holmes	Years of Experience with This Firm/Employer	1 Year
Title	Instrument Operator	Years of Experience with Other Firm(s)/Employer(s)	8 Years
Degree(s) / Years / Specialization		High School Diploma	
Active Registration Number / State / Expiration Date		N/A	
Year Registered	N/A	Discipline	Surveying
Contract Role(s) / Brief Description of Responsibilities		Instrument Operator. Under the supervision of a Licensed Survey of Senior Survey Technician, an Instrument Operator (or Marine Survey Technician) performs surveying and mapping duties. An Instrument Operator assists the survey or construction crew with assessing the topography and geography by (1) calibrating and operating a variety of specialized surveying equipment and (2) collecting data and reporting back to clients and/or leadership.	
Experience Dates (mm/yy - mm/yy)		Experience and Qualifications Relevant to the Proposed Contract; i.e., "designed drainage", "designed girders", "designed intersection", etc. Experience dates should cover the years of experience specified in the applicable MPR(s).	
05/23 - 07/23	<p>Brazos Island Harbor / South Padre Island; South Padre, TX Instrument Operator. DDG performed pre-construction and monitoring hydrographic surveys on the Port Isabelle inlet and OMDS (Offshore Material Disposal Site) of Brazos Island Harbor, TX and South Padre Island, TX. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
11/22 - Ongoing	<p>Houston Shipping Channel; Galveston, TX Instrument Operator. DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24' Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augmented with RTK, a Trimble R12i RTK base and rover, a Valeport SWiFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.</p>		
03/23 - 08/23	<p>Sustainable Fuels Group/St. Charles Clean Fuels Project; St. Rose, LA Instrument Operator. DDG performed hydrographic and topographic survey of the Mississippi River and its levees for construction of a levee crossing for St. Charles Clean Fuels, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.</p>		
04/23 - 07/23	<p>Spanish Pass Marsh Creation/Coastal Protection and Restoration Authority; Plaquemines, LA Instrument Operator. DDG conducted hydrographic, geophysical, and topographic surveys for this Weeks Marine marsh creation project in the Mississippi River. The field crew utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, aerial drones, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK, and a Valeport SWiFT SVP to collect data. In the shallow areas, the field crew utilized a 20' shallow draft boat or a 16' Robichaux air boat, a Trimble R12i base/rover RTK system and a Geometrics 882 magnetometer to perform topographic and magnetometer surveys. The office team utilized Hypack 2020 for project planning and post-processing. DDG delivered maps, cross-sections and many multi beam surfaces for the subline crossing the Mississippi River channel.</p>		
12/17 - Ongoing	<p>Lake Borgne Marsh Creation; St. Bernard Parish, LA Instrument Operator. The DDG survey team performed dredging area check surveys and quality control surveys during construction for a coastal restoration project to ensure project milestones were met and design features were constructed per plan. DDG utilized a 24' Scully, a Teledyne ECHOTRAC E20 SBES, an Applanix POS M/V OceanMaster, a Trimble R12i RTK base and rover, and a Valeport SWiFT SVP to collect data. DDG also utilized airboats, a magnetometer and a side scan sonar to complete the survey tasks for this project. DDG utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing. Once the survey was completed, a hydro survey technician reviewed data and exported post-processed data to Civil 3D for a draftsman to produce plan and profile deliverables.</p>		

17. Firm Experience:

Identify the team’s project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Survey
Project Name	Spanish Pass Marsh Creation	Firm Responsibility (Prime or Sub?)	Subconsultant
Project Number	20-885	Owner’s Name	Weeks Marine, Inc.
Project Location	Plaquemines Parish, LA	Owner’s Project Manager	Charles Broussard
Owner’s Address, Phone, Email	304 Gaille Drive, Covington, LA 70433, (985) 875-2500, cbroussard@weeksmarine.com		
Services Commenced by This Firm (mm/yy)	04/23	Total Consultant Contract Cost (\$1,000s)	est. \$552
Services Completed by This Firm (mm/yy)	07/23	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$1,176

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.
 ** This field cannot be left blank and N/A is not acceptable. The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.)

Highlighted Personnel to be Used: Cory MacMenamin, Cory Bullard, Jonah Melancon, Miranda Bartlett, Stephen Harris, Marty Frisard, Brad Villemuer, Keith “Tommy” Hebert, Payton Holmes

Services: Survey

Project Highlights: River borrow area and dredge pipeline navigation channel crossing surveys using single beam echosounders, side scan sonars, sub-bottom profilers, magnetometers and multi beam echosounders.

Project Description: DDG conducted hydrographic, geophysical, and topographic surveys for this Weeks Marine marsh creation project in the Mississippi River. The field crew utilized a 24’ Scully, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, aerial drones, a Geometrics 882 magnetometer, an Applanix POS M/V OceanMaster augmented with RTK, and a Valeport SWIFT SVP to collect data. In the shallow areas, the field crew utilized a 20’ shallow draft boat or a 16’ Robichaux air boat, a Trimble R12i base/rover RTK system and a Geometrics 882 magnetometer to perform topographic and magnetometer surveys. The office team utilized Hypack 2020 for project planning and post-processing. DDG delivered maps, cross-sections and many multi beam surfaces for the subline crossing the Mississippi River channel.



17. Firm Experience:

Identify the team’s project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Survey
Project Name	Houston Ship Channel	Firm Responsibility (Prime or Sub?)	Subconsultant
Project Number	21-1118	Owner’s Name	Weeks Marine, Inc.
Project Location	Galveston, TX	Owner’s Project Manager	Charles Broussard
Owner’s Address, Phone, Email	304 Gaille Drive, Covington, LA 70433, (985) 875-2500, cbroussard@weeksmarine.com		
Services Commenced by This Firm (mm/yy)	11/22	Total Consultant Contract Cost (\$1,000s)	est. \$1,000,000
Services Completed by This Firm (mm/yy)	Ongoing	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$805

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.
 ** This field cannot be left blank and N/A is not acceptable. The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.)

Highlighted Personnel to be Used: Cory MacMenamin, Dennis Gowin, Cory Bullard, Chandler Malley, Stephen Harris, Marty Frisard, Brad Villemuer, Payton Holmes

Services: Survey

Project Highlights: Daily bathymetry and hazard surveys using single beam echosounders, side scan sonars, sub-bottom profilers, magnetometers and multi beam echosounders.

Project Description: The purpose of “Project 11” is to expand the Houston Ship Channel to safely and efficiently sustain national energy security, domestic manufacturing growth, thriving U.S. exports, and expanding job opportunities. It is one of the most vital waterways in the country, connecting the nations largest petrochemical complex to the globe. Port Hudson has partnered with the U.S. Army Corps of Engineers to sponsor this crucial federal waterway expansion.

The Redfish to Bayport Ship Channel and Bayport Ship Channel projects are located in Galveston Bay and Trinity Bay. The primary goal of Redfish to Bayport is to widen the ship channel to a minimum of 700 and the Bayport Ship Channel feet to approximately 455 feet to Mitigate for oyster habitat loss and construct marshes and three bird islands in Galveston Bay. The Bayport Ship Channel will widen the ship channel to approximately 455 feet. The length of both projects are approximately 12.3 miles in length.

DDG performed hydrographic, topographic, and hazard surveys for dredging of the Houston Ship Channel, dredging of the Bayport Ship Channel, and construction of 3 Bird Island in Galveston Bay for Weeks Marine. The field crew utilized a 24’ Scully survey vessel, a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, an Applanix POS M/V OceanMaster augment with RTK, a Trimble R12i RTK base and rover, a Valeport SWIFT SVP, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS and an EdgeTech 3400 SBP to collect data. The office team utilized Hypack 2021, AutoCAD Civil 3D and Microsoft 365 for planning and post-processing.



17. Firm Experience:

Identify the team’s project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Survey
Project Name	Brazos Island Harbor Hopper Dredging	Firm Responsibility (Prime or Sub?)	Subconsultant
Project Number	23-1351	Owner’s Name	Weeks Marine, Inc.
Project Location	South Padre Island, TX	Owner’s Project Manager	Matt Henry
Owner’s Address, Phone, Email	304 Gaille Drive, Covington, LA 70433 985-875-2500 mthenry@weeksmarine.com		
Services Commenced by This Firm (mm/yy)	05/23	Total Consultant Contract Cost (\$1,000s)	est. \$10,330
Services Completed by This Firm (mm/yy)	07/23	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$148

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.
 ** This field cannot be left blank and N/A is not acceptable. The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal)

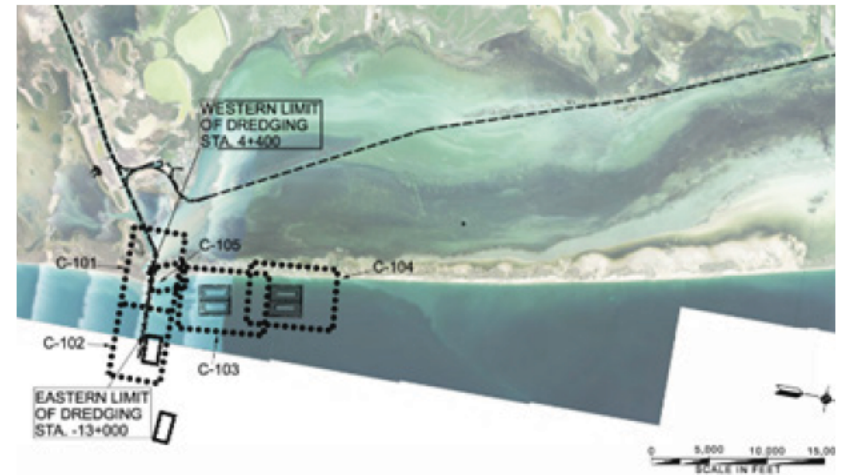
Highlighted Personnel to be Used: Cory MacMenamin

Services: Survey

Project Highlights: Hydrographic surveys using SBES, MBES, magnetometer, SSS, and SBP

Project Description:

DDG performed pre-construction and monitoring hydrographic surveys on the Port Isabelle inlet and OMDS (Offshore Material Disposal Site) of Brazos Island Harbor, TX and South Padre Island, TX. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWIFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.



17. Firm Experience:

Identify the team’s project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Survey
Project Name	Sustainable Fuels Group/St. Charles Clean Fuels Project	Firm Responsibility (Prime or Sub?)	Prime
Project Number	22-1814	Owner’s Name	St. Charles Clean Fuels, LLC
Project Location	St. Charles Parish, LA	Owner’s Project Manager	John Baguley
Owner’s Address, Phone, Email	11750 Katy Freeway, Houston, TX 77079, (832) 776-1008, j.baguley@sustainablefuels.group		
Services Commenced by This Firm (mm/yy)	03/23	Total Consultant Contract Cost (\$1,000s)	\$1,446
Services Completed by This Firm (mm/yy)	08/23	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$940

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.
 ** This field cannot be left blank and N/A is not acceptable. The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal.)

Highlighted Personnel to be Used: Cory MacMenamin, Dennis Gowin, Cory Bullard, Chandler Malley, Stephen Harris, Marty Frisard, Brad Villemuer, Payton Holmes

Services: Survey, Civil Engineering

Project Highlights: Hydrographic and topographic surveys using RTK, single beam echosounders, side scan sonars, sub-bottom profilers, magnetometers, acoustic doppler current profilers, and multi beam echosounders.

Project Description:

DDG performed hydrographic and topographic survey of the Mississippi River and its levees for construction of a levee crossing for St. Charles Clean Fuels, LLC. The field crew utilized a Teledyne ECHOTRAC E20 SBES, a Teledyne Odom MB2 MBES, a Geometrics 882 magnetometer, an EdgeTech 4125 SSS, an EdgeTech 3400 SBP, a Teledyne WorkHorse II ADCP, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Valeport SWiFT SVP, and a Trimble R12i base/rover RTK system to collect data. The office crew utilized HYPACK 2021, AutoCAD Civil 3D and Microsoft Office for project planning and post-processing.



17. Firm Experience:

Identify the team’s project experience most relevant to the scope in the advertisement. **The projects should be limited to a total of 20, with no more than 5 projects being represented by the prime consultant and with no more than 3 projects represented by each sub-consultant on the team. If more than 5 projects are identified for the prime consultant, all projects identified after the first 5 will not be evaluated. If more than 3 projects are identified for a single sub-consultant, all projects identified after the first 3 from that sub-consultant will not be evaluated.** Include no more than one page per project. Projects identified shall only include work performed by firms on the team. The projects identified do not necessarily need to have been DOTD projects.

Firm Name	DDG	Past Performance Evaluation Discipline(s) *	Survey
Project Name	Viking River Cruises New Dock	Firm Responsibility (Prime or Sub?)	Prime
Project Number	20-534, 20-536, 20-888, 20-943	Owner’s Name	Viking River Cruises
Project Location	Along Mississippi River	Owner’s Project Manager	Richard Mueller
Owner’s Address, Phone, Email	5700 Canoga Avenue, Woodland Hills, CA 91367		
Services Commenced by This Firm (mm/yy)	11/20	Total Consultant Contract Cost (\$1,000s)	TBD
Services Completed by This Firm (mm/yy)	06/23	Cost of Consultant Services Provided by This Firm (\$1,000s)	\$63

* If there is more than one past performance evaluation discipline included in the proposal, then indicate which past performance evaluation discipline(s) this project is being used to represent.
 ** This field cannot be left blank and N/A is not acceptable. The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify).

Describe the project including the firm’s role and members involved. (Highlight staff to be used in this proposal)

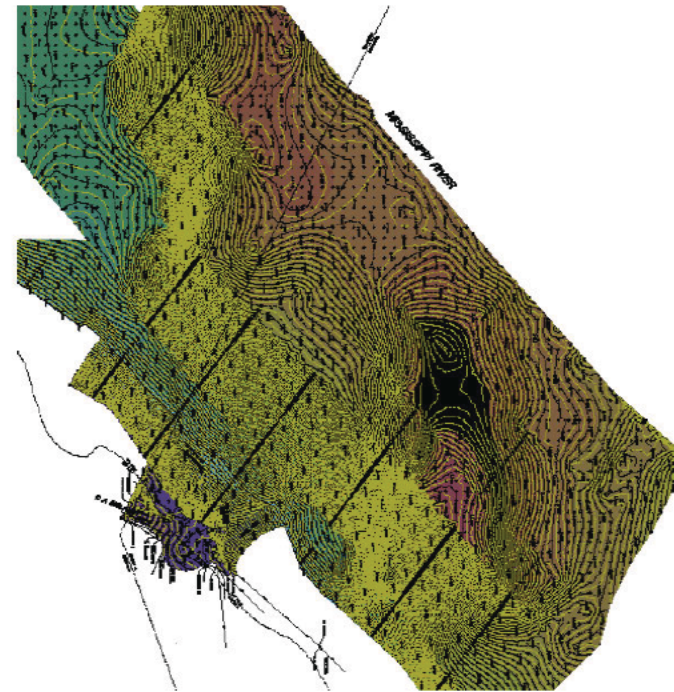
Highlighted Personnel to be Used: Cory MacMenamin, Shawn MacMenamin, Dennis Gowin, Cory Bullard, Jonah Melancon, Miranda Bartlett, Stephen Harris, Marty Frisard, Brad Villemuer

Services: Survey, Civil Engineering

Project Highlights: Hydrographic and topographic surveys using RTK, single beam echosounders, side scan sonars, magnetometers, and multi beam echosounders

Project Description:

DDG conducted hydrographic and topographic surveys of the Mississippi River riverbed, levees, and adjacent roadways for the design of four docks. DDG utilized a 25’ survey vessel, an Applanix POS M/V OceanMaster augmented with RTK corrections, a Teledyne ECHOTRAC E20 SBES and a Trimble R12i base/rover RTK system, and a Valeport SWIFT SVP to collect data. The office team utilized HYPACK 2021 and AutoCAD Civil 3D for project planning and post-processing.



18. Approach and Methodology

Provide a description of how the work will be performed and provide the proposed project schedule. Include any additional information or description of unique resources that are planned to be used to produce the deliverables. Include any proprietary technologies, methods or approaches that will be used on this project to improve quality or efficiency. If the proposal is for an IDIQ contract, the consultant should review the scope of services in Attachment A to the advertisement to obtain a general understanding of what a typical task order would entail. Based upon that understanding, the consultant should provide a sample schedule that identifies the major milestones, deliverables, tasks, etc., to demonstrate sufficient understanding of a typical task order. The duration of the task order is not required. This section shall be limited to four pages. If more than four pages are included, all pages after the fourth page will not be evaluated.

If the consultant has information it believes is proprietary, label it accordingly.

Cory MacMenamin, Dennis Gowin, Cory B, Chandler, Jonah, Miranda, Stephen Harris, Marty Frisard, Brad Villemuer, Tommy Hebert, and Payton Holmes.

DATA COLLECTION

DDG owns and operates the desired equipment to perform multi-beam, side-scan, magnetometer, and sub-bottom surveys. This section describes how DDG will perform hydrographic surveying and related services to meet various Task Orders.

Horizontal and Vertical Control: To establish the project control specified by the Task Order, DDG will use the previous survey data and survey control provided by DOTD to recover, re-establish, and maintain the base lines, benchmarks, and ranges in accordance with the Location and Survey Manual. DDG's processing team can import the georeferenced information into HYPACK and/or AutoCAD Civil 3D and export a survey plan with precise locations and information as guidance for DDG field crews. DDG can use real-time kinematics (RTK) to meet horizontal and vertical referencing requirements for any Task Order. If the area is affected by tide, DDG will provide high tide, low tide, and average tide elevations.

To begin each survey day, the field crew will collect a check-in shot on an established control point using a Trimble R12i RTK base/rover system and a Trimble TSC7 Data Collector. Then, the field crew will compute the inverse between the predetermined project benchmark and the 30-second check shot to guarantee negligible uncertainty in horizontal and vertical positioning.

Prior to collecting hydrographic data, the field crew will collect a top-of-water elevation shot using the Trimble R12i RTK base/rover system and a Trimble Data Collector. The elevation will be recorded in the field book provided by DOTD and this procedure will be repeated at three (3) hour intervals thereafter. If sizeable differences in top of water elevations are noted, adjustments will be made in the reduction of the field notes for final elevations.

Single Beam Echosounder (SBES) and Sub-Bottom Profiler (SBP) Surveys - DDG will perform conventional single beam hydrographic surveys to meet Task Order requirements using standard survey methods and best surveying practices for data acquisition. DDG will survey according to DOTD schedule and surveys will commence within fifteen (15) days before or after the scheduled date. DDG will not collect data during any significant chop that could compromise the integrity of the data.

DDG will collect data over the water and on the banks along range lines at stations predetermined by the Task Order. DDG will collect ravine sections along the survey line and at parallel lines 25 feet, 50 feet, 100 feet and 150 feet each side of the survey line. Survey transects will be provided digitally to the field crew for data acquisition.

Over the water, the field crew will collect SBES/SBP data using a 24' Scully survey boat, a Teledyne ECHOTRAC E20 SBES or EdgeTech 3400 SBP and an Applanix POS M/V OceanMaster system augmented with RTK corrections. Sound velocity profiles (SVPs) will be collected using a Valeport SWiFT SVP. The field crew will collect a SVP at least once every two hours in the deepest part of the survey area. Offsets between the sensors will be measured and applied in the HYPACK acquisition software.

On the banks, the field crew will collect position and elevation shots using the Trimble R12i RTK base/rover system, a Trimble Data Collector, and a fixed-height GPS rod. Each ground shot will be read and recorded to the nearest 0.1 foot. Bends or curves in the bank or channels will be shown by measurements from a traverse extending up and down each side and will extend far enough to properly define the bank and channel lines on both sides.

18. Approach and Methodology cont.

DATA COLLECTION cont.

SBES and SBP QA/QC - Prior to collecting data along range lines, the field crew will bar-check the fathometer at 5' intervals to the deepest depth of the survey area and they will input the proper sound velocity to calibrate the system for accurate readings. DDG will provide a screenshot that shows the valid sound velocity profile and fathometer readings at 5' and 10'.

The latest survey data will be used to field check newly acquired data. If the acquired data appears non-consistent with the latest survey, the field crew will resurvey the area of interest before departing from the field. Surveys to fix faulty data will not be a paid item.

Side-Scan Sonar (SSS) and Magnetometer Surveys - DDG will collect SSS data using an EdgeTech 4125 and magnetometer data using a Geometrics 882. To increase efficiency, DDG can collect SSS and/or magnetometer data in conjunction with SBES or SBP data. The offset between the primary GNSS antenna and the tow point of the SSS and/or magnetometer will be measured and applied in the HYPACK acquisition software. The position of the SSS and/or magnetometer will be calculated within HYPACK using the length of cable out, a catenary factor, and course-over-ground (COG) vectors.

SSS and Magnetometer QA/QC - To provide QA/QC for the magnetometer/SSS setup, the field crew will send a screenshot that shows the total length of cable out and the resulting layback adjustment. Additionally, the field crew will collect reciprocal lines on the first and last survey line each day to prove consistency in positioning.

Multi Beam Echosounder (MBES) Surveys - DDG will perform MBES surveys according to Task Order requirements. DDG will collect MBES data using a Teledyne Odom MB2 MBES or R2Sonic 2022 MBES and an Applanix POS M/V OceanMaster system augmented with RTK corrections. Sound velocity profiles will be collected using a Valeport SWIFT SVP. The field crew will collect a SVP at least once every two hours in the deepest part of the survey area. Translational offsets between the primary GNSS antenna, sonar reference point, and IMU reference point will be measured and applied in the HYPACK acquisition software. The field crew will conduct a "patch test" to correct any rotational offsets between the IMU and the sonar. The field crew will ensure 200% seafloor coverage with MBES data.

MBES QA/QC - DDG will collect a manual depth reading at a predetermined horizontal point or position using a 25' fiberglass leveling rod reading. During the manual depth reading at the predetermined horizontal position, the field crew will create an event mark in HYPACK and add a description of the mark. The field crew will take a photo that shows the water level during the manual reading and record the water in the field book supplied by DOTD. DDG will ensure that the manual depth reading matches echosounder depth readings after applying tidal corrections. If desired, DDG will collect cross-check lines to provide cross-check analysis statistics for accuracy of each MBES beam.

DDG will not collect MBES data if significant chop could compromise the integrity of the data. Before leaving the project site, DDG will compare the latest survey data provided by DOTD with the newly acquired data. If considerable differences exist, the field crew will resurvey the area of interest before departing from field. Surveys to fix faulty data will not be a paid item.

Digital Photos - DDG will take digital photos that show the TBM used and any debris around or against any part of the bridge structure, banks or revetment that have experienced erosion or damage. The field crew will annotate the photo to indicate the structure number, direction photo was taken, the date taken and the bent number where photo was directed. The Trimble TSC7 Data Collectors can acquire georeferenced photos. If desired, DDG can also collect georeferenced aerial photography and topography using drones.

18. Approach and Methodology cont.

DATA COLLECTION cont.

Field Reports - DDG will submit a written report on each survey that documents field conditions (broken pilings, water current, debris in water or banks, bank condition, range line obstructions such as barges), reasons for incomplete survey and surrounding area.

DDG will use a data sheet for each bridge structure. DDG will copy and format a sheet for each bridge. A data sheet will be completed for each bridge structure survey.

For bridge structure surveys, DDG will utilize an R12i base/rover setup and a SX10/SX12 scanning total station. DDG will use the SX10/SX12 scanning total station for features and structures underneath the bridge. While scans will be used to provide immense detail, information, and a 3D point cloud model, reflector-less shots will be used to achieve true center of piles or piers. Piers will be classified as solid or hexagonal, round or octagonal, or rectangular with description of condition, type, size, and classified as single or multiple bent columns. DDG will use prism shots for precision and accuracy on any wingwall, retaining wall, centerline of pile caps (with recorded dimensions of size and type) and headers, grade and perimeter of any sloping or vertical abutment, and, if accessible, the outer perimeter of any exposed spread footer. If any box culvert or drainage structure is present, DDG will record size, type, and centerline location of structure on each side to provide information needed for design. DDG will provide locations on railings, expansion joints, any break in elevation discovered in the field, the limits of the approach slab and where it transitions to the start of the bridge deck. The necessary elevation grid will be obtained per project requirements.

DATA PROCESSING

DDG owns and operates the specific software desired to meet Task Order requirements. DDG will produce electronic deliverables in conformance with DOTD Software and Deliverable Standards for Electronic Plans document and submit electronic files in Microstation.dgn format. DDG will upload all electronic deliverables directly into the DOTD ProjectWise repository at each plan delivery milestone. Prior to proceeding with plan development, DDG will contact the Project Manager for any special instructions regarding project-specific requirements.

DDG will deliver the hydrographic chart, field notes, digital photos, and final tabulation (data) sheet with elevations within seven (7) days after the completion of the field work. If debris is located around a pier or piling or significant changes to the bottom, DDG will send the photo and/or data to DOTD within twenty-four (24) hours for review by the engineer.

SBES Data Processing - All SBES data will be processed using HYPACK's SBMAX editor. Extraneous noise and spikes will be removed from the raw dataset before conversion to Microstation.dgn format.

SSS Data Processing - All SSS data will be processed using HYPACK's Side-Scan Editor to locate features on the seafloor and generate a target report that contains the location, an illustration, and all information of each SSS target. DDG can also generate a SSS mosaic to show an image of the survey area.

Magnetometer Data Processing - All magnetometer data will be processed using HYPACK's Magnetometer Editor to locate magnetic anomalies and generate a target report that contains the location and gamma value for each magnetometer target. DDG can also produce gamma and gradiometric surfaces that show a grid of magnetometer data.

After processing the initial magnetometer data, all magnetometer targets will be "cleared" by collecting magnetometer and gradiometer data along four lines that form a box around each target. "Clearing" a target means confirming that the metallic object is not a pipeline or environmental hazard. "Clearing" a target does NOT mean removing the metallic object.

MBES Data Processing - All multibeam data will be processed using HYPACK's MBMAX Editor. Extraneous noise and spikes will be removed from the raw dataset and selected representative "shot" depths will be derived from the entire edited multi-beam dataset at a resolution determined by the Task Order.

18. Approach and Methodology cont.

ELECTRONIC DELIVERABLES

In addition to the deliverables mentioned above, DDG will provide all raw data and processed data files. At each milestone of the Task Order, DDG will maintain all DOTD data management requests including, but not limited to:

- Upload (or check in) CAD plan deliverables to the discipline "Plans" folder
- Apply and maintain indexing attributes to CAD plans (and other deliverables as needed)
- Publish PDF format plan submittals in ProjectWise using automated publishing tools
- Digitally sign PDF format plan submittals in ProjectWise according to DOTD standards and procedures (Final Plans, Revisions and Change Orders). Signatures shall be applied in signature blocks provided with electronic seals and Title Sheets.

19. WORKLOAD

For all contracts where a firm on the team is a prime consultant or sub-consultant and where a) the consultant selection was made by DOTD, and b) a contract was executed by the consultant and the contracting entity by the date the advertisement for this proposal was posted, list all work meeting the following criteria:

- 1) one of the team’s firms is responsible for the performance of the work;
- 2) authorization to perform the work has been provided, as provided in the contract between the consultant and the contracting entity;
- 3) the work has not yet been performed and invoiced; and
- 4) the work is not currently suspended for an indefinite period of time.

For indefinite delivery/indefinite quantity (IDIQ) contracts, list open Task Orders individually. List only the portion of the fees attributable to firms on the team.

Firm(s) ALL FIRMS MUST BE REPRESENTED IN THIS TABLE	Past Performance Evaluation Discipline(s) *	Contract Number and State Project Number	Project Name	Remaining Unpaid balance**
DDG	Road, Survey Right-of-Way, Bridge	SPN H. 002868	I49S Ambassador Caffery / US90 Interchange	\$50,143
DDG	Road, Survey	H.013269	Audubon Ave Overlay: LA 1 to Terrebonne P/L	\$105,948

* The only past performance evaluation disciplines to be used are: Road, Bridge, Traffic, CE&I/OV, Geotech, Survey, Environmental, Data Collection, Planning, Right-of-Way, CPM, ITS, Appraiser and Other (please specify). If a firm has more than one past performance evaluation discipline for any single project, the firm can use multiple rows to express the remaining unpaid balance per evaluation discipline.

** Round to the nearest dollar. Do not round to the nearest thousands. If there are no active contracts with a remaining unpaid balance, place N/A in the Remaining Unpaid Balance column. **NOTE: ALL FIRMS MUST BE REPRESENTED IN THIS TABLE**. LEAVING THE "REMAINING UNPAID BALANCE" COLUMN BLANK IS NOT ACCEPTABLE.



20. Certifications/Licenses: If the advertisement requires submission of licensed and/or certifications, include them here. Otherwise, leave this section blank.

21. If the advertisement requires submission of a QA/QC plan, include it here. Otherwise, leave this section blank. If a QA/QC plan is included in this section and was not required by the advertisement, it will be redacted.

QA/QC is not required in this advertisement.

22. SUB-CONSULTANT INFORMATION

If one or more sub-consultants will be used, provide the name, address, point of contact and phone number for each. Otherwise, leave this section blank.

Firm Name (Name must match as registered with Louisiana's Secretary of State)	Address	Point of Contact and Email Address	Phone Number
N/A			

(Add rows as needed)

23. Location:

If location is an evaluation criterion for this advertisement and the prime consultant intends to establish a local presence, describe the plan for doing so. Otherwise, leave this section blank. Any information included in this section will be redacted if not required by the advertisement.