



State of Louisiana

JOHN BEL EDWARDS
GOVERNOR

April 30, 2018

ADDENDUM III

TO: ALL POTENTIAL PROPOSERS
RE: RFP #: 3000009943, Mid-Barataria Sediment Diversion (BA-0153) Independent Cost Estimator (ICE) Contractor

PROPOSAL DUE DATE: MAY 10, 2018 @ 3:00PM

This addendum and associated attachment shall be considered part of the RFP. The revisions and additions in this addendum supersede the requirements in the advertised RFP.

I. QUESTIONS AND ANSWERS

1. **Q.** My request is to forward the pre-conference document and the sign-in sheet?
A. See attached.

2. **Q.** If a company was to participate as a part of an ORT or as ICE Contractor for the CPRA Mid Basin Sediment Diversion Project, would that same company also be allowed to participate in the construction efforts under the future CMAR teams for the various projects?
A. **A firm on the ICE Contractor Team for Mid-Barataria would not be able to participate on the Design Team or CMAR Team for Mid-Barataria Sediment Diversion Project. A firm would be able to participate on the Design Team, ICE Contractor Team, or CMAR Team for Mid-Breton Sediment Diversion Project.**

3. **Q.** Please Consider removing the following Mandatory Qualification listed in 1.8.1.

E. Mechanical Estimator: The Mechanical Estimator shall have at least 10 years of hard bid mechanical estimating experience. The Mechanical Estimator shall have a degree in Mechanical Engineering. The Mechanical Estimator may be a staff member of either the prime or a subcontractor.

F. Electrical Estimator: The Electrical Estimator shall have at least 10 years of hard bid electrical estimating experience. The Electrical Estimator shall have a degree in Electrical Engineering. The Electrical Estimator may be a staff member of either the prime or a subcontractor.

For the following reasons:

a. It is our experience and recommendation that these positions are not necessary and will add costs to the program. These scopes will be subcontracted by the CMAR and this work will go through a competitive process that will receive multiple quotes.

b. These positions were not identified as a mandatory requirement in the CMAR's RFQ. An ICE estimator with a General Contracting background will be able to understand the level of coordination necessary for these disciplines in order to complete their work, and any potential coordination costs associated with the individual subcontractor quotes.

c. If the CMAR does want to take on this scope, quotes can still be solicited from subcontractors to check the costs. Some agencies require Prime CMAR Contractors to attain competitive quotes, and this could be instituted if necessary.

d. The Prime CMAR is bound to perform between 30% to 70% of the work. The Electrical and Mechanical work will be a good opportunities for subcontracted work.

e. The requirement for a degree in Electrical and Mechanical Engineering and 10 years of hard estimating experience will be hard to come by. The estimating experience comes from a history of managing this work from a contractors background. This could be adjusted to "Construction Management, Civil Engineering or in a related field" as with your other mandatory qualified fields.

f. If necessary, these positions could be captured as "Lead Discipline Estimators" as identified in the CMAR RFQ. This would show depth of team if needed in order to meet certain contract deadlines.

A. After further review of the mandatory qualifications, it is in CPRA's best interest to move all qualifications to Section 1.8.2, Desirable Qualifications. The Mechanical and Electrical Estimator positions will be included under Section 1.8.2, Desirable Qualifications. See Section II of this Addendum.

4. **Q.** Paragraph 1.9.1 D lists:
"Evidence of a thorough working knowledge of and the technical expertise necessary to use commercial off-the shelf (OTS) software, to include Sage Timberline®, MC2® and US Cost Success®.", but omits HCSS from the list. HCSS is listed as a requirement in 1.8.1. Please include HCSS in the list of acceptable estimating software packages.

A. HCSS is an acceptable commercial OTS cost estimating software. See Section II of this Addendum.

5. **Q.** Please Consider removing the following Mandatory Qualification listed in 1.8.1.
G. Purchaser: The Purchaser shall have at least 5 years of experience purchasing, preferably public sector procurement, or related work. The Purchaser shall have a degree in Accounting, Finance, or in a related field. The Purchaser shall have knowledge of large scale purchasing methods as well as federal, state and local purchasing laws and shall be proficient in word processing, excel, database and presentation software. The Purchaser may be a staff member of either the prime or a subcontractor.
For the following reasons:
- a. It is our experience and recommendation that this position is not necessary and will add costs to the program.
 - b. The CMAR Contractor is required to submit a Procurement Plan which should be tied to a competitive process. The ICE will be involved in an audit of the selection process in order to validate that CPRA is receiving good value.
 - c. The ICE historically has a hard time getting quotes on projects when the vendors learn that there is no opportunity for them to receive work when they submit quotes. All quotes received by the CMAR should be shared with the team.
 - d. Estimators need to be involved in the selection process as all quotes received will be qualified with inclusions and exclusions. The estimators will need to adjust their estimates based on the individual quotes.
 - e. The Purchaser would serve as a middle man and is unnecessary to the process.
- A. After further review of the mandatory qualifications, it is in CPRA's best interest to move all qualifications to Section 1.8.2, Desirable Qualifications. The Purchaser will be included under Section 1.8.2, Desirable Qualifications. See Section II of this Addendum.**
6. **Q.** Would the CPRA delay the selection of the ICE Contractor until CMAR Contractor is selected?
A. No.
7. **Q.** Can a firm submit on the ICE Contractor RFQ as Prime without disqualifying a CMAR Contractor if also on their team?
A. A firm may submit a proposal to serve as the ICE Contractor under this RFP without disqualifying a prospective CMAR Contractor team from consideration.
8. **Q.** Can a firm submit on the ICE Contractor RFQ as a SubConsultant without disqualifying a CMAR Contractor if also on their team?
A. A firm may be listed as a sub-consultant to an ICE Contractor under this RFP without disqualifying a prospective CMAR Contractor team from consideration.
9. **Q.** Can a firm submit on the ICE Contractor RFQ with the understanding that should their CMAR Contractor be selected, the ICE RFQ Submittal would be considered non-responsive? This would be noted in bold text in the cover letter.

- A. The selected prime from the ICE solicitation cannot be a subcontractor on the selected CMAR team. Should a proposer be selected for the ICE solicitation and is a subcontractor on the CMAR team, the State will award to the next highest-ranked proposer on the ICE solicitation.**
10. **Q.** The RFP does not state a certain “standard form” to use for the proposal submittal. Should the Prime Consultant use the CPRA 24-102 and have each Subconsultant complete their own to incorporate?
- A. Though this form is not contained in this RFP, the Proposer may utilize CPRA Form 24-102 as part of their proposal submittal.**
11. **Q.** Should the Prime consultant incorporate the SubConsultant information into a single team proposal submittal in consultant’s chosen format?
- A. Section 1.11 states Proposers are encouraged to submit proposals in a concise, orderly fashion that includes complete, appropriate comment, documentation, and submittals to address the RFP requirements.**
12. **Q.** Is it possible to substitute professional certifications (such as Certified Cost Professional (CCP) from AACEI) for degrees in any of the estimator categories? Would the lack of a degree by a proposed Estimator result in points deducted in the evaluation/or would this be considered a disqualifying criteria?
- A. After further review of the mandatory qualifications, it is in CPRA’s best interest to move all qualifications to Section 1.8.2, Desirable Qualifications; therefore, it is possible to substitute professional certifications for degrees in any of the estimator categories.**
13. **Q.** Are there any page restrictions or limitations, other than 3 pages per resumes? Any page size restrictions?
- A. No. Section 1.11 states Proposers are encouraged to submit proposals in a concise, orderly fashion that includes complete, appropriate comment, documentation, and submittals to address the RFP requirements.**
14. **Q.** Can one staff member fulfill multiple roles? I.e. can an individual staff member be proposed to fill both Mechanical & Electrical Estimator positions?
- A. Yes.**

II. RFP REVISIONS

Section 1.8 Qualifications for Proposer. Delete Section 1.8 in its entirety and replace with the following:

1.8 Staff Requirements and Qualifications for Proposer

1.8.1 Staff Requirements

The Proposer **shall** provide the following staff positions:

- Principal
- Project Manager
- Lead Estimator
- Structural Estimator
- Civil Estimator
- Mechanical Estimator
- Electrical Estimator
- Purchaser
- Project Assistant

One hourly rate for each staff position shall be provided (see Attachment II, Required Rate Schedule in the RFP).

1.8.2 Desirable Qualifications

The Proposer's staff should meet the following qualifications:

- A. **Project Manager:** The Project Manager should have at least 10 years of experience managing Heavy Civil projects. The Project Manager should have a degree in Construction Management, Civil Engineering or in a related field. The Project Manager should have experience in Field Operations Management and Estimating from a Contractor's Perspective. It is preferred that the Project Manager have experience with alternative delivery (Design-Build, CMAR) project and have experience in management of relevant project such as large hydraulic projects. The Project Manager should be a staff member of the prime contractor.
- B. **Lead Estimator:** The Lead Estimator should have at least 20 years of hard bid general estimating experience, of which 10 years of experience should have been as the lead estimator. The Lead Estimator should have a degree in Construction Management, Civil Engineering or in a related field. The Lead Estimator should be proficient in HCSS Heavy Bid Estimating Software, Agtek Software or similar. It is preferred that the Lead Estimator have experience with alternative delivery (Design-Build, CMAR) project and have experience as the lead estimator of relevant project such as large hydraulic projects. The Lead Estimator should be a staff member of the prime contractor.

- C. **Structural Estimator:** The Structural Estimator should have at least 15 years of hard bid in heavy civil structural estimating experience. The Structural Estimator should have a degree in Construction Management, Civil Engineering, Structural Engineering or in a related field. The Structural Estimator should have extensive knowledge of construction means and methods, costs and engineering principles. The Structural Estimator may be a staff member of either the prime or a subcontractor.

- D. **Civil Estimator:** The Civil Estimator should have at least 15 years of hard bid in heavy civil structural estimating experience. The Civil Estimator should have a degree in Construction Management, Civil Engineering, or Structural Engineering or in a related field. The Civil Estimator should have extensive knowledge of construction means and methods, costs and engineering principles. The Civil Estimator should be proficient in HCSS Heavy Bid Estimating Software, Agtek Software or similar. The Civil Estimator may be a staff member of either the prime or a subcontractor.

- E. **Project Assistant:** The Project Assistant should have experience in the preparation of a wide range of written material (technical reports, presentations, etc.) for dissemination to technical and non-technical audiences.

- F. **Principal** – Duties include, but are not limited to, responsibility for overall quality management of effort performed under this contract; resolve potential contractual communicated by CPRA.

- G. **Mechanical Estimator:** The Mechanical Estimator should have at least 10 years of hard bid mechanical estimating experience. The Mechanical Estimator should have a degree in Mechanical Engineering. The Mechanical Estimator may be a staff member of either the prime or a subcontractor.

- H. **Electrical Estimator:** The Electrical Estimator should have at least 10 years of hard bid electrical estimating experience. The Electrical Estimator should have a degree in Electrical Engineering. The Electrical Estimator may be a staff member of either the prime or a subcontractor.

- I. **Purchaser:** The Purchaser should have at least 5 years of experience purchasing, preferably public-sector procurement, or related work. The Purchaser should have a degree in Accounting, Finance, or in a related field. The Purchaser should have knowledge of large scale purchasing methods as well as federal, state and local purchasing laws and should be proficient in word processing, excel, database and presentation software. The Purchaser may be a staff member of either the prime or a subcontractor.

Section 1.9.1, Section D, Company Background and Experience.

Delete the fourth bullet in its entirety and replace with the following:

- Evidence of a thorough working knowledge of and the technical expertise necessary to use commercial off-the shelf (OTS) software, to include Sage Timberline®, MC2®, HCSS, and US Cost Success®.

Section 1.29 Contract Award and Execution

The following language is being added:

CPRA encourages all interested firms to submit a proposal on the ICE solicitation whether or not they have submitted as a subcontractor on a team for the CMAR solicitation. The scope of services requires the selected team to perform independent reviews on items such as costs estimates and construction scheduling submitted by the CMAR Team, which is being selected under a separate solicitation. Therefore, the selected prime from the ICE solicitation cannot be a subcontractor on the selected CMAR team. Should a proposer be selected for the ICE solicitation and is a subcontractor on the CMAR team, the State will award to the next highest-ranked proposer on the ICE solicitation.

**Attachments: Pre-Proposal Conference Presentation
Pre-Proposal Conference Sign-In Sheet**

Attachment 1: Pre-Proposal Conference Presentation



MID-BARATARIA SEDIMENT DIVERSION

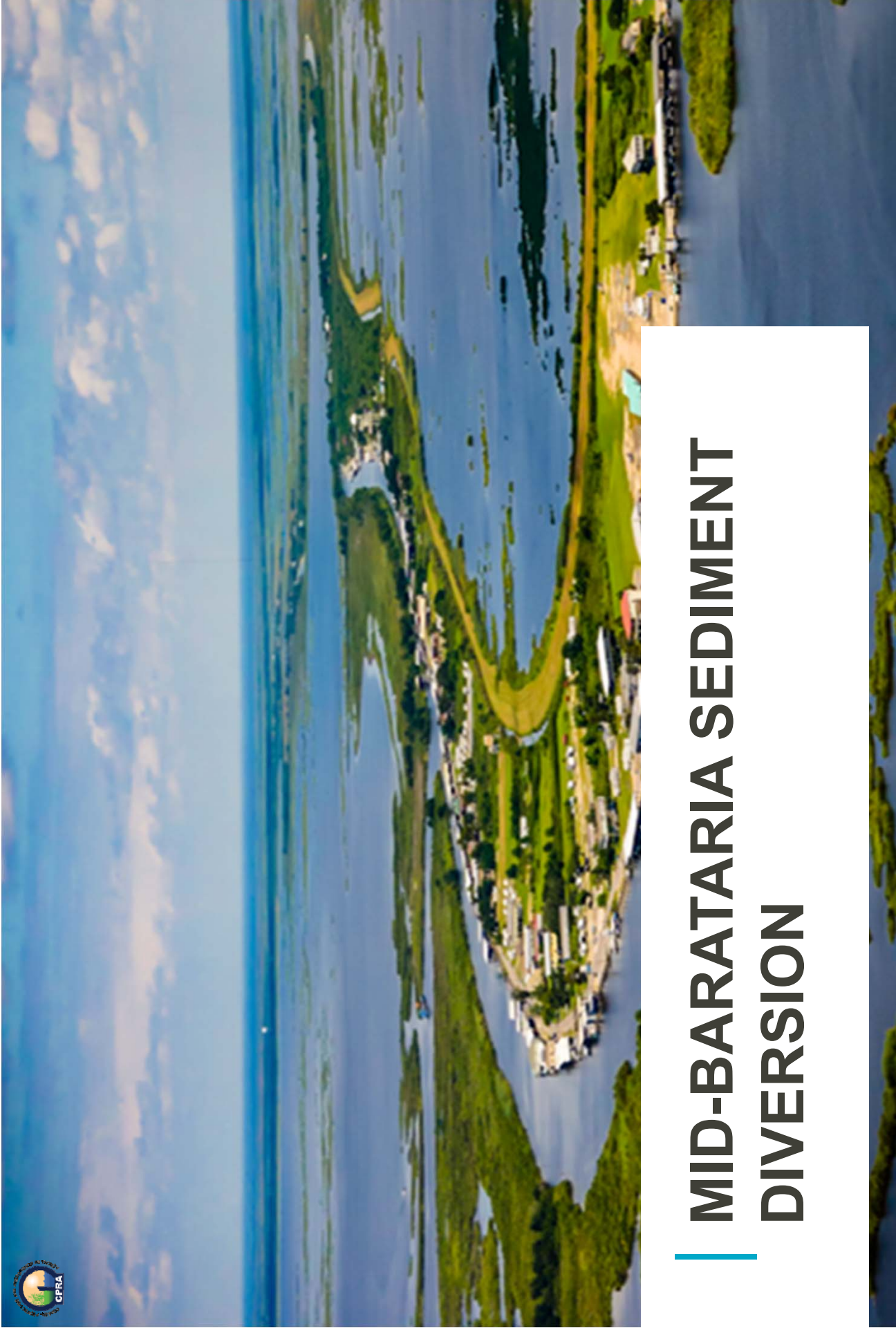
ICE PRE-SUBMITTAL MEETING

Rudy Simoneaux | April 12, 2018



OVERVIEW

- Mid-Barataria Sediment Diversion Project
- Overview of CMAR Project Delivery Method
- ICE Scope of Services
- ICE RFP
- Questions



MID-BARATARIA SEDIMENT DIVERSION



MID-BARATARIA SEDIMENT DIVERSION PROJECT FEATURES

- River Inlet and Diversion Control Structure
- Conveyance Channel
- Gated “Back” Structure (through existing NOV levee)
- Outfall Channel
- Drainage Improvements
- LA-23 Highway Realignment/Bridge
- NOGC Railroad Bridge
- Utility Relocations
- Dredge Material Placement



MID-BARATARIA SEDIMENT DIVERSION PROJECT LOCATION





ENGINEERING AND DESIGN

- RSIQ: April 2017 – July 2017
- AECOM selected in July 2017
- AECOM contracted in October 2017
- Basis of Design (15%) milestone targeted for 3rd QTR of 2018



ENGINEERING AND DESIGN

Current Activities:

- Project Management Plan
- Technical Report Planning (modelling, data gaps, data collection, monitoring, design criteria)
- Engineering Alternatives:
 - Intake (structure type, sill elevation, construction method)
 - Conveyance Channel (geometry, lining, transition)
 - Outfall (necessity of “back” structure)
 - Auxiliary Features (highway, bridge, pump station, siphon)
- Basis of Design (15%) milestone targeted for 3rd QTR of 2018



CMAR CONTRACTOR

- RSIQ: November 2017 – March 2018
- Four Statements of Qualifications (SOQs) received and under evaluation.
- Selection anticipated in June 2018.



PROJECT SCHEDULE

Milestone	Month/Year
ICE Contractor NTP	July 2018
CMAR Contractor NTP	August 2018
15% (BOD) Design Deliverable	September 2018
30% Design Deliverable	March 2019
60% Design Deliverable	January 2020
90% Design Deliverable	August 2020
100% Design Deliverable	November 2020
Construction Start	July 2021
Construction End	February 2026



EIS/PERMITTING

- Permit submitted to USACE in June 2016
- EIS began in early 2017
- Scoping Meetings (July 20, 25, 27)
 - Attendance ranged from 70-130 people
- EIS Scoping Period Closed September 5, 2017
 - Over 800 Comments
 - Over 500 Individual (Form) Letters
 - Over 100 Comments from outside of Louisiana
 - Over 40 “affiliations” within comments

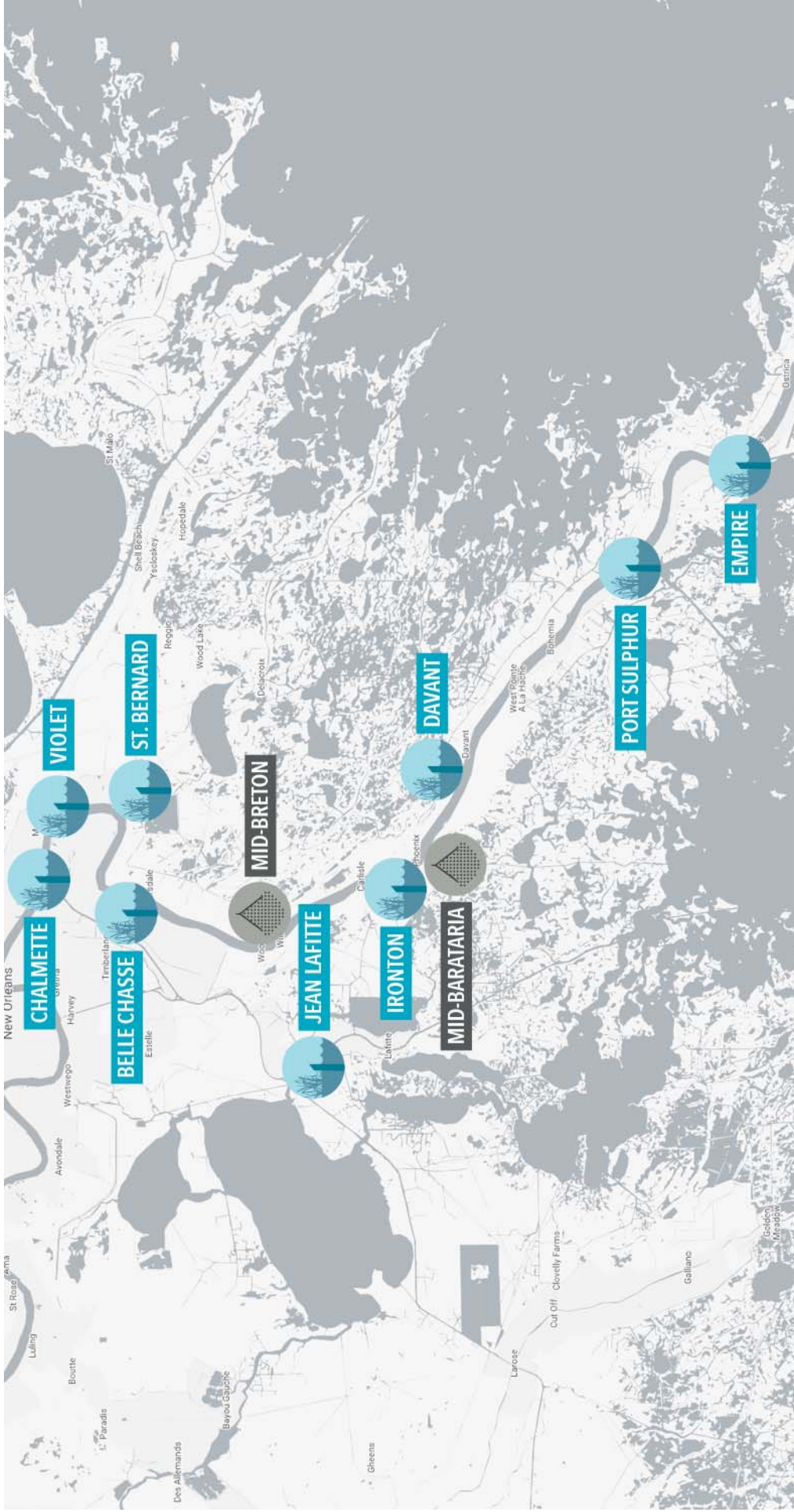


EIS/PERMITTING

- NRD Barataria Basin Strategic Restoration Plan Phase I
 - Underway
- EIS Alternative Analyses Chapter
 - Underway
- EIS Existing and Historic Conditions Chapter (portion)
 - Underway



COASTAL CONNECTIONS





COASTAL CONNECTIONS

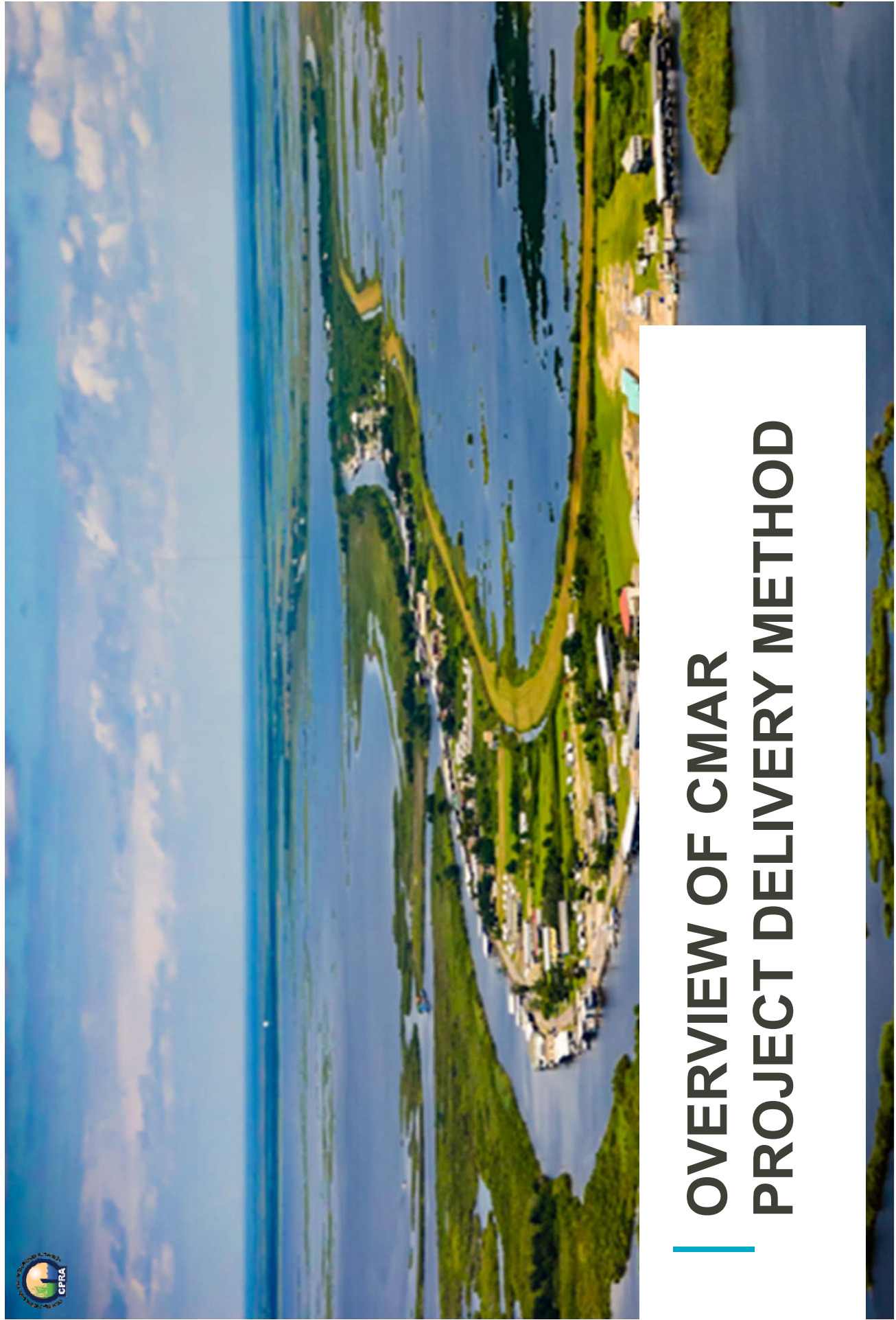
9 LOCATIONS

15 COASTAL CONNECTIONS

3,252 MILES TRAVELED

437 ATTENDEES

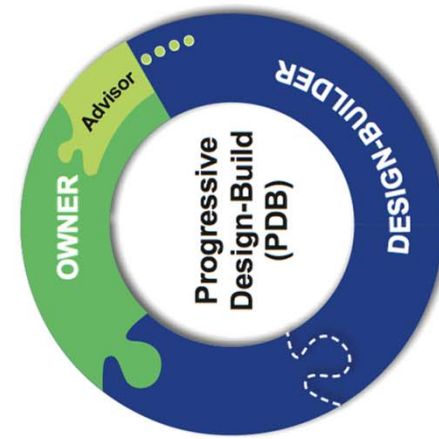
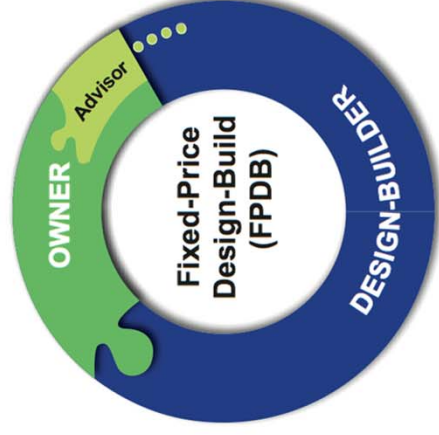
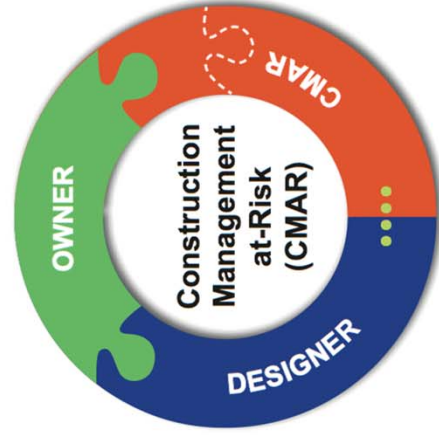
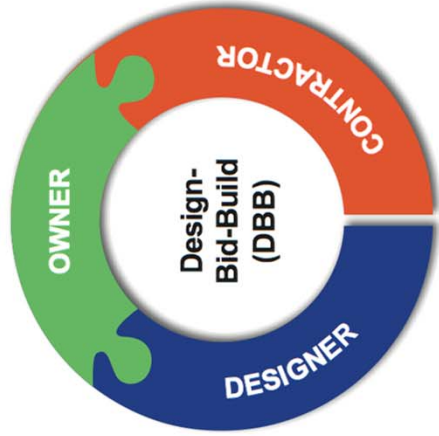




OVERVIEW OF CMAR PROJECT DELIVERY METHOD



COLLABORATIVE DELIVERY ANALYSIS

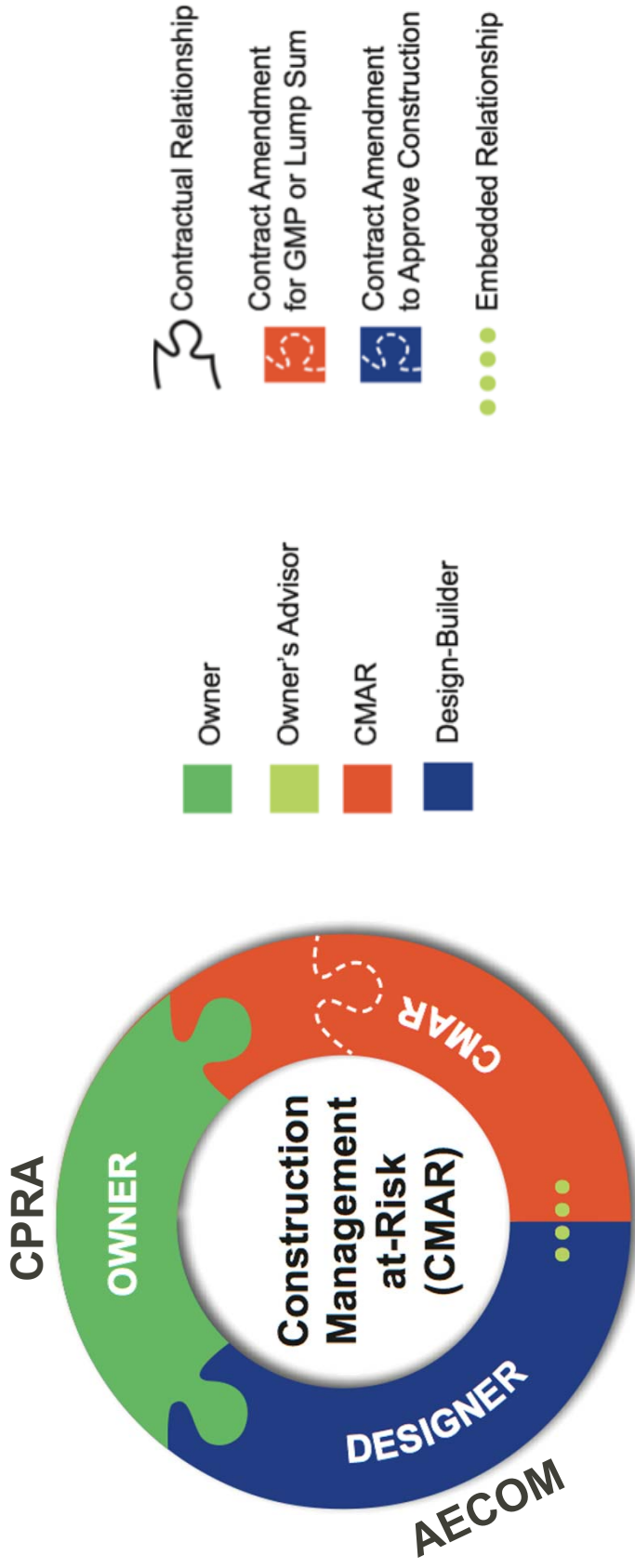


- Owner
- Owner's Advisor
- CMAR
- Design-Builder

- Contractual Relationship
- Contract Amendment for GMP or Lump Sum
- Contract Amendment to Approve Construction
- Embedded Relationship



SELECTED DELIVERY MODEL - CMAR





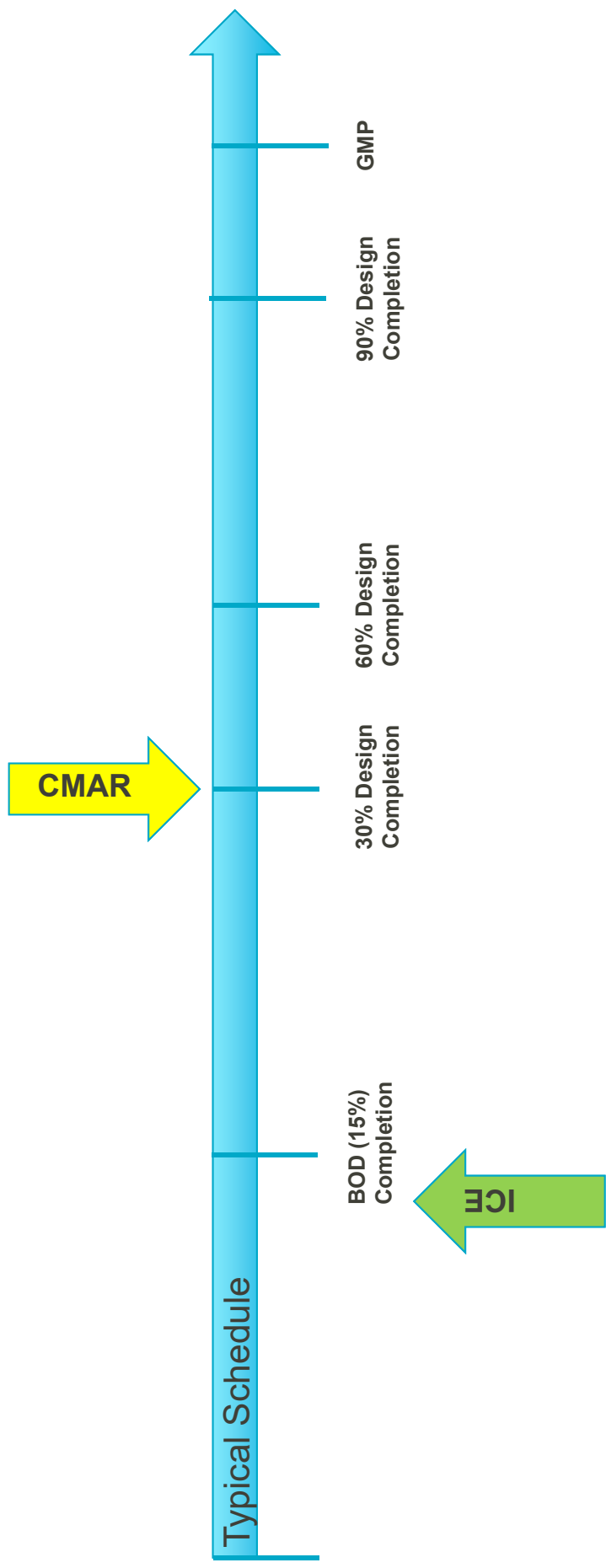
ADVANTAGES OF CMAR

- Legislation has been established for policies/procedures and protection against legal challenges (RS 38:2225.2.4)
- Provides contractor-led estimates earlier and allows scope revision during design to meet project budget
- Can reduce overall project risks and contingency; also may reduce design misunderstandings and change orders
- More suitable for the USACE/NEPA permitting and regulatory process than any form of Design-Build
- Widely accepted by both engineering and construction industry



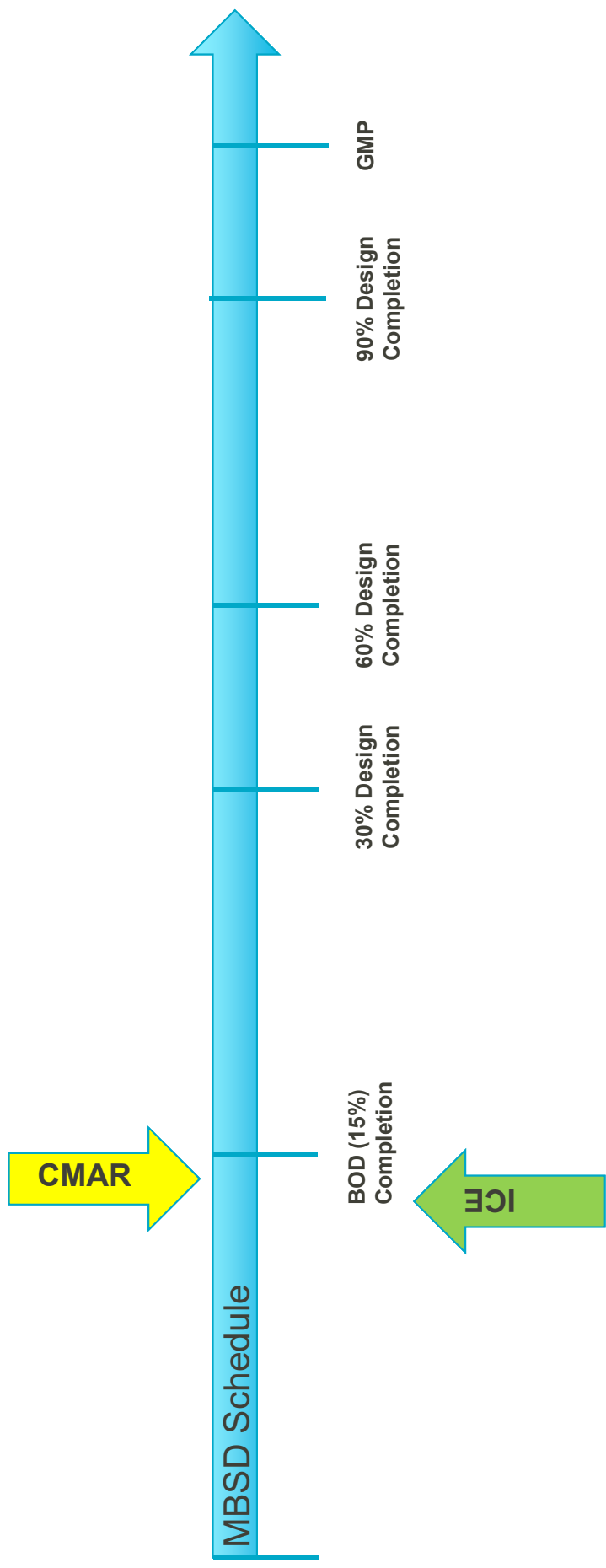
CMAR INTEGRATION

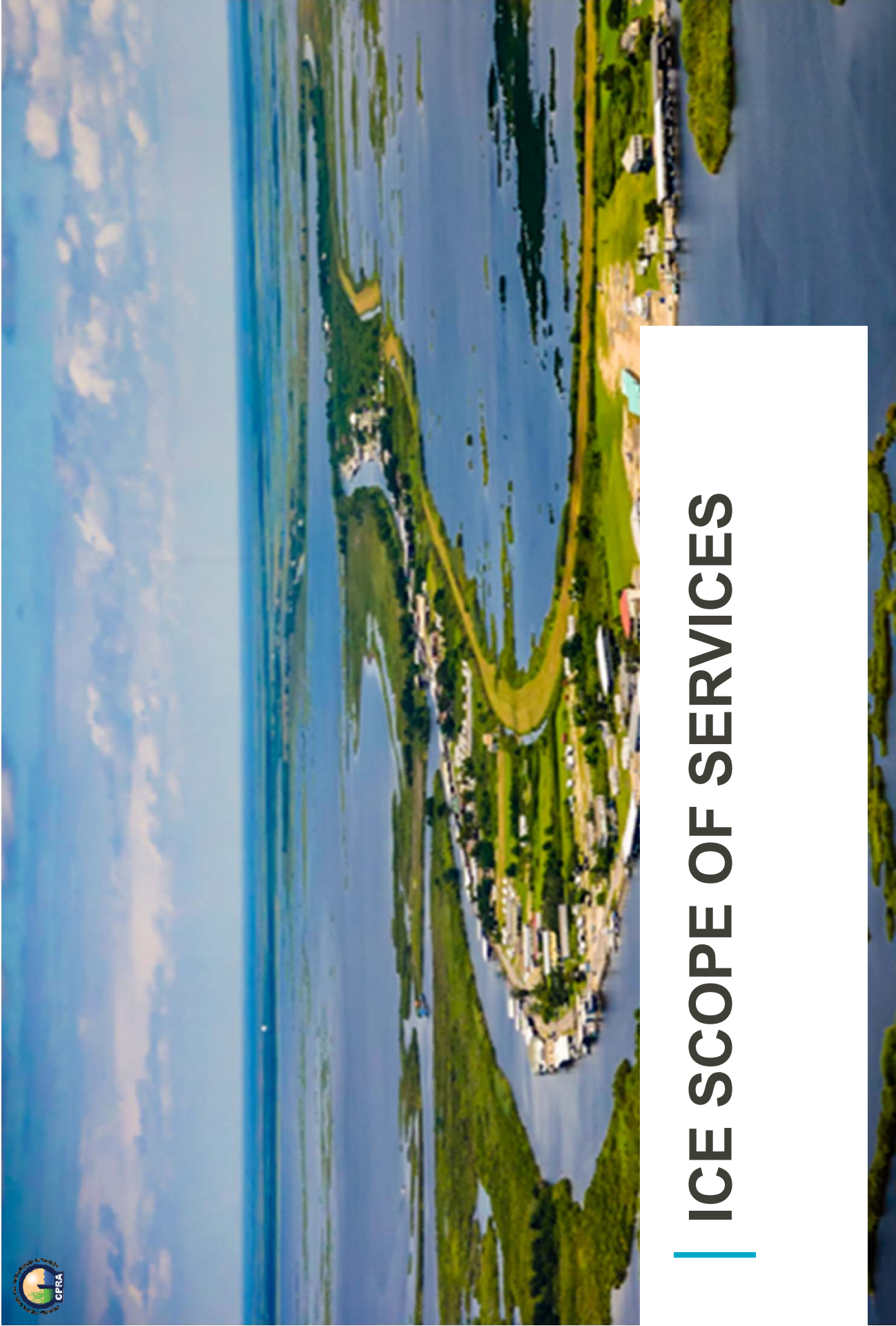
RS 38:2225.2.4





CMAR INTEGRATION MID-BARATARIA TEAM





| ICE SCOPE OF SERVICES



SCOPE OF SERVICES

Part III: Independent Cost Estimator Scope of Services

- Section 3.1 General Administration and Coordination
- Section 3.2 Cost Estimates
- Section 3.3 Constructability Review, Schedule Review, and Value Engineering



SCOPE OF SERVICES

Basis of Design (15%) Milestone

- Review Design Team's BOD estimate and provide feedback on the adequacy of the current project budget.
- Collaborate with Design Team, CMAR Contractor, and CPRA to:
 - Establish baseline production rate assumptions and standards for formulation of future cost estimates and schedule estimates;
 - Develop and align the work breakdown structure (WBS) which will be carried forward for future cost estimates; and
 - Develop the format for the progressive estimates.



SCOPE OF SERVICES

30%, 60% and 90% Design Milestones

- **Independently** prepare a detailed cost estimate and a Basis of Estimate Report.
- Produce an Estimate Variance Report comparing the cost estimates prepared by the Design Team and CMAR Contractor with the one prepared by the ICE Contractor.
- Be prepared to assist CPRA in estimate reconciliation.



SCOPE OF SERVICES

Optional Tasks

- GMP Review. The CMAR Contractor will submit a Guaranteed Maximum Price (GMP) to CPRA after the 90% milestone. The ICE Contractor may be tasked by CPRA to provide independent estimating support during the process of GMP review and negotiation.
- Cost Estimating Support During Construction. The ICE Contractor may be tasked by CPRA to provide independent estimating to support a cost reasonableness analysis of any work performed or proposed and/or the negotiation of any proposed adjustment to the GMP.



SCOPE OF SERVICES

Constructability Review, Schedule Review and Value Engineering

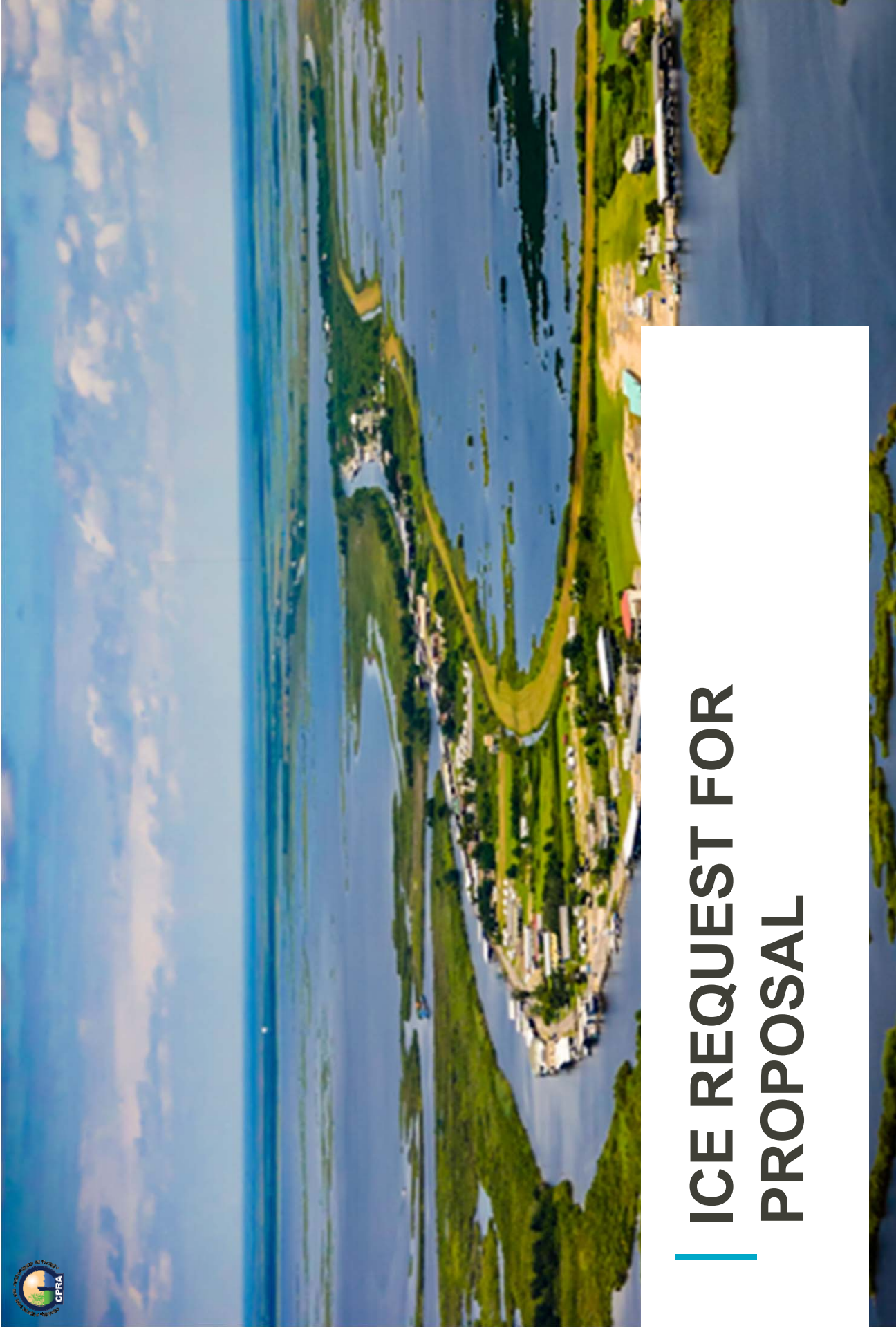
- The ICE Contractor will not be tasked with a full, independent constructability, schedule or value engineering review.
- However, the ICE Contractor may be asked to provide input on risks associated with the construction and proposal of any constructability or value engineering or scheduling comments that are evident during the course of the estimating work.



SCOPE OF SERVICES

Section 3.4: Deliverables

- Cost Estimate using commercial off-the-shelf (OTS) estimating software.
- Basis of Estimate Report.
- Estimate Variance Report
 - Document any significant differences between the cost estimates produced by the Design Team, CMAR Contractor, and ICE Contractor;
 - Narrative and chart showing the major cost changes and explaining the reasons for the changes.
 - Prepared per ASTM E1804, “Standard Practice for Performing and Reporting Cost Analysis during the Design Phase of a Project”



ICE REQUEST FOR PROPOSAL



REQUEST FOR PROPOSALS

- RFP package was issued on April 4, 2018 and includes the following:
 - RFP Solicitation Document
 - Part I: Administrative and General Information
 - Part II: Introduction and Background
 - Part III: Scope of Services
 - Part IV: Evaluation
 - Attachments:
 - Certification Statement
 - Required Rate Schedule
 - Sample Contract
 - Electronic Vendor Payment Solution



REQUEST FOR PROPOSALS

- Part I, Section 1.6: Schedule of Events

Advertisement Period	April 4, 2018– May 8, 2018
Pre-Submittal Meeting	April 12, 2018
Deadline for Questions	April 20, 2018
CPRA Responses to Questions	April 25, 2018
Proposals Due	May 8, 2018
Selection Committee Review	May 8, 2018 – June 4, 2018
Announcement of Selected ICE Contractor	June 5, 2018
Contracting/Negotiation/Award Period	June 5, 2018 – July 3, 2018
Target Notice to Proceed	July 3, 2018



REQUEST FOR PROPOSALS

- Part I, Section 1.8: Qualifications:
 - Project Manager
 - Lead Estimator
 - Structural Estimator
 - Civil Estimator
 - Mechanical Estimator
 - Electrical Estimator
 - Purchaser



REQUEST FOR PROPOSALS

- Part I, Section 1.9: Proposal Response Format:
 - Volume I - Technical Proposal and Cost Rates
 - Cover Letter, Table of Contents, and Executive Summary
 - Company Background and Experience
 - Approach and Methodology
 - Proposed Staff Qualifications
 - Participation of Veteran Initiative and Hudson Initiative small entrepreneurs
 - Cost Proposal
 - Certification Statement, Subcontractors, and Insurance
 - Volume II – Financial Information



REQUEST FOR PROPOSALS

- Part IV: Evaluation:
 - Relevant Company Background and Experience - 20 points
 - Staff Qualifications of Individuals Assigned the Project- 25 points
 - Approach and Methodology/Scope of Services - 20 points
 - Hudson/Veteran Small Entrepreneurship Program - 10 points
 - Cost - 25 points



THANK YOU

—
ANY QUESTIONS?

Rudy Simoneaux | April 12, 2018

Attachment 2: Pre-Proposal Conference Sign-In Sheet



ICE RFP Pre-Submittal Sign in Sheet

DATE: THURSDAY, APRIL 12, 2018

#	Name	Association	Phone	E-Mail
1	Marko Pala	Stanton	8018973694	mpala@stantons.com
2	David Detlevson	Deqn	504-570-7498	david@degnequip.com
3	Ken Morales	MBI	225-706-0744	kenmorales@merkantl.com
4	Chuck Dunbar	MBI	225 241 5411	cdunbar@mbi.com
5	Rickey Kastner Jr.	NOLA Engineering	504-416-7234	ricky.kastner@nolaeng.com
6	JAOB LOESKE	STANLEY CONSULTANTS	985.665.2262	LOESKEJACOB@STANLEYGROUP.COM
7	Sean Wapren	Native Engineers	985-778-4337	SPWARREN@NATIVEENGINEERS.COM
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