ADDENDUM NO. 1

TO: ALL POTENTIAL RESPONDENTS

RE: RFQ 2503-19-03 Mid-Breton Sediment Diversion Project (BS-0030)
Construction Management At-Risk

This addendum shall be considered part of the RFQ and associated enclosures. The clarifications, revisions and additions in this addendum supersede the requirements in the advertised RFQ and enclosures.

I. CLARIFICATIONS
NONE.

II. QUESTIONS AND RESPONSES
NONE.

III. RFQ REVISIONS
NONE.

Attachments: Pre-Submittal Meeting Presentation
Pre-Submittal Meeting Sign-In Sheets

END OF ADDENDUM NO. 1
Attachment 1: Pre-Submittal Meeting Presentation
MID-BRETON SEDIMENT DIVERSION
CMAR PRE-SUBMITTAL MEETING
RUDY SIMONEAUX

NOVEMBER 13, 2018
• Mid-Breton Sediment Diversion Project
• CMAR Overview and Process
• CMAR Scope of Services
• CMAR RFQ
• Questions
 MID-BRETON SEDIMENT DIVERSION PROJECT
PROJECT OVERVIEW

Project Components:
• River Inlet
• Diversion Control Structure
• Conveyance Channel
• Back Control Structure
• Outfall Channel
• Site Forced Drainage
• LA-39 Highway Bridge
• Utility Relocations
• Dredge Material Placement
## CURRENT PROJECT MILESTONE SCHEDULE

<table>
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<tr>
<th>Milestone</th>
<th>Month/Year</th>
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<tr>
<td>Design Team NTP</td>
<td>May 2018 (Actual)</td>
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<tr>
<td>5% Design Deliverable</td>
<td>December 2018</td>
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<tr>
<td>Anticipated CMAR NTP</td>
<td>June 2019</td>
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<tr>
<td>15% (BOD) Design Deliverable</td>
<td>March 2020</td>
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<td>30% Design Deliverable</td>
<td>May 2021</td>
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<td>60% Design Deliverable</td>
<td>June 2022</td>
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<td>90% Design Deliverable</td>
<td>November 2022</td>
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<tr>
<td>100% Design Deliverable</td>
<td>May 2023</td>
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<tr>
<td>Construction Start</td>
<td>October 2023</td>
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<tr>
<td>Construction End</td>
<td>June 2028</td>
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</table>
Stantec was selected as E&D Contractor and began work in Q2 2018

- Currently progressing towards 5% Design by end of 2018
- Goals of 5% Design:
  - Finalize Inlet Location
  - Set Diversion Corridor Footprint
  - Begin analyzing range of design variations to be continued into 15%
  - Preliminary Data Collection (Survey, Geotech, In-River) and Modelling
CURRENT PROJECT STATUS

• 10/404 Permit Application Package to be submitted December 2018

• Operational Targets to be set by end of 2018

• EIS Contractor advertisement anticipated in Q4 2018
CMAR OVERVIEW AND PROCESS
COLLABORATIVE DELIVERY ANALYSIS

- **Design-Bid-Build (DBB)**: Owner, Contractor, Designer
- **Construction Management at-Risk (CMAR)**: Owner, Designer, CMAR
- **Fixed-Price Design-Build (FPDB)**: Owner, ADvisor, Design-Builder
- **Progressive Design-Build (PDB)**: Owner, Advisor

Legend:
- Green: Owner
- Yellow: Owner's Advisor
- Red: CMAR
- Blue: Design-Builder

Contractual Relationship:
- Red: Contract Amendment for GMP or Lump Sum
- Blue: Contract Amendment to Approve Construction
- Dots: Embedded Relationship
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 PROCESS

PRE-SOLICITATION

Develop Construction Management at Risk (CMAR) Pre-Construction Scope of Work & Draft Contract

Develop CMAR Contractor Request for Qualifications (RFQ)

Appoint CMAR Selection Committee

SOLICITATION

Advertise CMAR Contractor RFQ

Pre-Response Q&A Period

CMAR Contractor Submits responses to RFQ

Current Status

PRE-CONSTRUCTION

Selection Committee Reviews & Analyzes Qualifications

Shortlist Firms from Initial Review & Analysis

Interviews, Presentations, and/or Workshops Conducted with Shortlisted Firms

Selection Review Committee Submits Recommendation of Award

CONTRACTING

Negotiate Final SOW, Contract, & Fees with Awarded CMAR Contractor

Owner Executes Pre-Construction Contract with CMAR Contractor

CONSTRUCTION

Design Input, Constructability Guidance, Temporary Works, Costing, Scheduling

Negotiate Guaranteed Maximum Price (GMP) with CMAR Contractor

Execute Construction Contract

Begin Construction
CMAR INTEGRATION
L.R.S. 38:2225.2.4

Typical Schedule

- BOD (15%) Completion
- 30% Design Completion
- 60% Design Completion
- 90% Design Completion
- GMP

CMAR
CMAR INTEGRATION
MID-BRETON PROJECT

Mid-Breton Project Schedule

- 5% Design Completion
- BOD (15%) Completion
- 30% Design Completion
- 60% Design Completion
- 90% Design Completion
- GMP
CMAR SCOPE OF SERVICES
Section 2.0: Pre-Construction Scope of Services

- Project Management, General Administration, and Coordination
- Scope Management
- Cost Estimating and Cost Control
- Constructability Review and Value Engineering
- Project Schedule
- Construction Planning
- GMP Development
Section 2.1.8: BOD (15%) Milestone Deliverables

- Final draft of the QMP.
- **Constructability review report / written comments resulting from BOD Report review.**
- Operations and Maintenance review report analyses for the Project life cycle design and cost.
- Cost estimating standards report documenting established baseline production rate, and standards to be used for cost estimates, including WBS and estimate format.
- Monthly Progress Reports.
- Quarterly cost escalation trend reports.
Section 2.1.8: 30% Milestone Deliverables

- Constructability review report / written comments resulting from 30% Design review.
- O&M review report analyses for the project life cycle design and cost.
- **30% Value Engineering Report.**
- **30% Cost Estimate and Narrative.**
- **Baseline Construction Schedule.**
- **30% Temporary Works Design Submittal.**
- Monthly Progress Reports.
- Quarterly cost escalation trend reports.
SCOPE OF SERVICES

Section 2.1.8: 60% Milestone Deliverables

- Constructability review report / written comments resulting from 60% Design review.
- O&M review report for the Project life cycle design and cost.
- **60% Value Engineering Report.**
- **60% Cost Estimate and Narrative.**
- **Construction Schedule Update.**
- **60% Temporary Works Design Submittal.**
- Final Draft of all Plans required by Section 2.1.6 of the Scope.
- Monthly Progress Reports.
- Quarterly cost escalation trend reports.
Section 2.1.8: 90% Milestone Deliverables

- Constructability review report / written comments resulting from 90% Design review.
- O&M review report analyses for the Project life cycle design and cost.
- **90% Value Engineering Report.**
- **90% Cost Estimate and Narrative.**
- **Construction Schedule Update.**
- **90% Temporary Works Design Submittal.**
- Monthly Progress Reports.
- Quarterly cost escalation trend reports.
SCOPE OF SERVICES

Section 2.1.8: GMP Milestone Deliverables

- GMP Proposal.
- Final Project Construction Schedule.
- Final Temporary Works Construction Package.
Section 2.2: Construction Phase Services

- If a GMP agreement is reached between CPRA and the CMAR Contractor, the CMAR Contractor will perform Construction Phase Services under a separate contract.

- Expected services are included in Scope of Services, but CMAR Contractor to develop full Construction Phase scope of services upon GMP acceptance.
Section 3.1: Explanation of GMP

- GMP = Cost of Work + GCs + Bonds & Insurance + CMAR Contractor Fee (Overhead & Profit) + Contingency

- If a GMP agreement is reached between CPRA and the CMAR Contractor, the GMP amount will be incorporated into the Contract for Construction Phase Services.

- CPRA anticipates initiating GMP’s no later than completion of 90% contract documents.

- The CPRA intends to establish the CMAR Contractor Fee component of the GMP during negotiations for Pre-Construction Services.
CMAR RFQ
## Advertisement Date: October 23, 2018

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<tr>
<th>Event</th>
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<tr>
<td>Pre-Submittal Meeting</td>
<td>November 13, 2018</td>
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<tr>
<td>Deadline for Questions</td>
<td>November 30, 2018</td>
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<tr>
<td>SOQ Responses Due</td>
<td>January 10, 2019 @ 3 pm</td>
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<tr>
<td>Selection Committee Review</td>
<td>January 11, 2019 – March 6, 2019</td>
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<tr>
<td>Oral Presentation Notification</td>
<td>February 15, 2019</td>
</tr>
<tr>
<td>Tentative Date for Oral Presentation(s)</td>
<td>February 27-28, 2019</td>
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<tr>
<td>Announcement of Selected CMAR Contractor</td>
<td>April 10, 2019</td>
</tr>
<tr>
<td>Contracting/Negotiation/Award Period</td>
<td>April 10, 2019 – June 11, 2019</td>
</tr>
<tr>
<td>Target Notice to Proceed</td>
<td>June 12, 2019</td>
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</table>
REQUEST FOR QUALIFICATIONS

RFQ package includes the following:

- RFQ Solicitation Document (scoring methodology, criteria and schedule)
- Enclosure 1: CMAR Scope of Services
- Enclosure 2: Draft Pre-Construction Contract
- Enclosure 3: Draft Construction Contract
- Enclosure 4: Selection Review Committee COI Form
- Enclosure 5: Submittal Requirements Checklist
- Enclosure 6: Experience and Qualifications Form
REQUEST FOR QUALIFICATIONS

Section 7.0: CMAR Staffing and Key Personnel:

- Project Executive
- Senior PM
- Deputy PM
- Pre-Construction Scope Manager
- Chief Estimator
- Lead Discipline Estimator(s)
- Chief Scheduler
- Project Construction Manager(s)
- Quality Control Manager
- Procurement Manager
- Safety Manager
- Discipline Leads
Section 8.0: CMAR Pre-Construction Fee and Preliminary Budget for Construction:

- Pre-Construction Fee = $12,400,000
  - SOQ will confirm ability to perform pre-construction work for this amount, or indicate additional compensation

- Preliminary Budget for Construction = $700,000,000
  - Includes escalation to the mid-point of construction phase
  - Basis for Bonding Capacity and Self-Performance Percentage
REQUEST FOR QUALIFICATIONS

Section 9.0: Submittal Requirements and Evaluation Criteria:
- Part A: Business Organization, History, & Financial Condition - 5 points
- Part B: Experience & Qualifications of Key Personnel - 30 points
- Part C: Relevant Project Experience - 30 points
- Part D: Pre-Construction Phase Approach - 10 points
- Part E: Construction Phase Approach - 10 points
- Part F: Hudson Small Entrepreneurship Program – 10 points
- Part G: Compliance with all SOQ Requirements - 5 points

Total = 100 points
REQUEST FOR QUALIFICATIONS

Section 9.3 – Experience and Qualifications of Key Personnel:

- The Respondent will include resumes for Key Personnel, and other personnel at the discretion of the Respondent. Resumes should be limited to two pages for Key Personnel and one page for other personnel.

- The Senior Project Manager’s resume should include projects on which he or she served in a Project Management capacity, preferably in the past ten (10) years. These projects should include at least two projects delivered using CMAR, Progressive Design Build, or Design Build delivery method and at least three projects with a construction value of $200M or more.
REQUEST FOR QUALIFICATIONS

Section 9.4 – Relevant Project Experience:

- The Respondent will provide past project experience and performance information for, and no more than, ten relevant projects that the Respondent’s team has worked on in the past 15 years, or that will be at least 50% complete (construction) by the required SOQ submittal date.

- For each project, provide one (1) reference from the Owner and one (1) reference from the Designer.

- Relevant project experience refers to projects with comparable scope, type, size, delivery model and performance risk as described herein.

- Should focus on projects delivered using CMAR, Progressive Design Build, Design Build, or any other alternative delivery method.

- Higher points will be awarded to projects involving progressive cost estimating and collaborative delivery during the engineering and design phase.
REQUEST FOR QUALIFICATIONS

Section 9.9: Pass/Fail Requirements

- Capable of obtaining performance and payment bonds for Pre-Construction Phase services ($12.4M)

- Capable of obtaining performance and payment bonds for Construction Phase services ($700M)

- Adequate Safety Record (Most recent EMR must be 1.0 or lower)

- Possession of a Louisiana Heavy Construction License

- Selection Review Committee Conflicts of Interest Acknowledgement Form
Section 11: Selection Review Committee

- One design professional in the discipline of but not involved in the project

- One licensed contractor in the discipline of but not involved in the project

- One representative of the owner

- Two members at large

- Selection Committee Members are listed in the RFQ
Section 12: Selection Process:

- Selection Review Committee will evaluate and score the submitted SOQs and may short list the top Respondents.

- Short listed Respondents may be requested to provide an Oral Presentation.

- The CPRA will provide additional instructions to the Shortlisted firms prior to the interview.

- The Shortlisted firms will be given an opportunity to present their Project Team and respond to the questions from the Selection Committee.
Section 12: Selection Process (continued):

- A maximum of fifty (50) points may be awarded for the Oral Presentation.

- The point total from the Oral Presentation will be combined with the point total from the evaluation of the SOQ to result in a Final Evaluation Score for the Respondent.

- The Respondent with the highest combined Final Evaluation Score will be recommended for selection by the Selection Committee to the CPRA Executive Director.
Section 14: Instructions and Misc. Provisions

- Official questions must be submitted in writing by **November 30, 2018** to CPRAcontracts@la.gov

- CPRA will provide official responses to all questions by December 10, 2018

- Seven paper copies of SOQ shall be delivered to CPRA by **3:00pm Local Time on January 10, 2019**

- Mailed copies must be received by 3:00pm Local Time on January 10, 2019

- **Proposals not received by 3:00pm Local Time on January 10, 2019 will not be reviewed**
Self-Performance

- SOQ should include a statement of the Respondent’s ability and intent to meet the minimum self-performance requirement of 30% and not to exceed the maximum self-performance requirement of 70% of the total cost of construction.

Owner’s “Off-Ramp”

- If CPRA and the CMAR Contractor are unable to reach an agreement on a GMP Proposal, CPRA will advertise the Project for public bid in accordance with R.S. 38:2225.2.4(G)(6). In this event and in accordance with R.S. 38:2224.2.4(G)(6), the CMAR Contractor shall be prohibited from submitting a bid for the Construction Phase of the Project.
Attachment 2: Pre-Submittal Meeting Sign-In Sheets
# Mid-Breton CMAR Pre-Submittal Meeting Sign in Sheet

**TUESDAY, NOVEMBER 13, 2018**

<table>
<thead>
<tr>
<th>#</th>
<th>Name</th>
<th>Association</th>
<th>Phone</th>
<th>E-Mail</th>
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<tr>
<td>1</td>
<td>Jim Pole</td>
<td>Kiewit</td>
<td></td>
<td><a href="mailto:jim.pole@kiewit.com">jim.pole@kiewit.com</a></td>
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<tr>
<td>2</td>
<td>Michael Pittman</td>
<td>MRPC</td>
<td></td>
<td><a href="mailto:mike@mepittman.com">mike@mepittman.com</a></td>
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<td>3</td>
<td>James Kronics</td>
<td>BCD</td>
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<td><a href="mailto:james.kronics@bcdart-inc.com">james.kronics@bcdart-inc.com</a></td>
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<td>Charlie Hess</td>
<td>LDC</td>
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<td><a href="mailto:charlie.hess@brownandroot.com">charlie.hess@brownandroot.com</a></td>
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<td>5</td>
<td>Bryan Volmer</td>
<td>Diamond-D Industries</td>
<td>225-281-3527</td>
<td><a href="mailto:bryan@diamond-dindustries.com">bryan@diamond-dindustries.com</a></td>
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<td>6</td>
<td>Dennis Lambert</td>
<td>Louisiana Division</td>
<td>504-451-2990</td>
<td><a href="mailto:dennis.lambert@brownandroot.com">dennis.lambert@brownandroot.com</a></td>
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<td>7</td>
<td>Kevin D. McLaughlin</td>
<td>AECOM</td>
<td></td>
<td><a href="mailto:kevin.d.mclaughlin@aecom.com">kevin.d.mclaughlin@aecom.com</a></td>
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<td>Derek Duhon</td>
<td>Casun Industries</td>
<td></td>
<td><a href="mailto:derek.duhon@casunusa.com">derek.duhon@casunusa.com</a></td>
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<td>Rhiannon Cooper</td>
<td>AECOM</td>
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<td>Wade Miller</td>
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<tr>
<td>11</td>
<td>Mike Killgore</td>
<td>James/Primoris</td>
<td></td>
<td><a href="mailto:m.killgore@prim.com">m.killgore@prim.com</a></td>
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<tr>
<td>12</td>
<td>Mark Rawlinson</td>
<td>AECOM</td>
<td>303-13-6548</td>
<td><a href="mailto:mark.rawlinson@aecom.com">mark.rawlinson@aecom.com</a></td>
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<tr>
<td>13</td>
<td>Dain Gillen</td>
<td>CPRA PMT</td>
<td>342-4557</td>
<td><a href="mailto:dain.gillen@la.gov">dain.gillen@la.gov</a></td>
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<td>14</td>
<td>Heather Layrisson</td>
<td>CPRA PMT</td>
<td></td>
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<tr>
<td>15</td>
<td>Kodi Guillory</td>
<td>CPRA</td>
<td>225-342-5175</td>
<td><a href="mailto:Kodi.guillory@la.gov">Kodi.guillory@la.gov</a></td>
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<tr>
<td>16</td>
<td>Brad Barth</td>
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<td>18</td>
<td>Bruce Conrad</td>
<td>Kiewit</td>
<td>508-667-1995</td>
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<td>19</td>
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<td>CPRA</td>
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<td>20</td>
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