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13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  CHECK ONE  A THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office.  appropriation data, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR AS 103(b).  C THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF  Mutual Agreement of the Parties  D. OTHER (Specify type of modification and authority)  ELMPORTANT: Contractor Is not Is required to sign this document and return Into purpose of this bilateral modification is to add additional work and funding for Option Period 2 in the firm-fixed-price amount of \$100,000.00 for the period of 1 October 2020 through 30 September 2021 in accordance with the attached.  The total obligation of the purchase order is hereby increased from \$300,000.00 by \$100,000.00 to \$400,000.00. The total value of the purchase order if all options are exercised is increased from \$400,000.00 by \$100,000.00 to \$500,000.00.  Reference the attached replacement pages 5 and 7-8 with the left sidebar next to the changes.  Continued  Except as provided herein, all terms and conditions of the document referenced in liem 9 A or 10A as heretofore changed, remains unchanged and in full force and effect.  15A NAME AND TITLE OF SIGNER (Type or print)  Rebecca Kruse  15B. CONTRACTOROFFEROR  15C. DATE SIGNED  16C. DATE SIGNED  16C. DATE SIGNED	separate letter RECEIVED AT OFFER. If by each letter or e	or electronic communication which inci THE PLACE DESIGNATED FOR THE rirtue of this amendment you desire to electronic communication makes referen	udes a reference to the solicitation and RECEIPT OF OFFERS PRIOR TO THI change an offer already submitted, suc nce to the solicitation and this amendme	amendment numbers FAILURE OF YOUR ACKNOW: E HOUR AND DATE SPECIFIED MAY RESULT IN REJ h change may be made by letter or electronic communic int, and is received prior to the opening hour and date s	LEDGEMENT TO BE ECTION OF YOUR cation, provided pecified.
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15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED  (Signature of person authorized to sign) (Signature of Contracting Officer)			e document referenced in Item 9 A or 1		
(Signature of person authorized to sign) (Signature of Contracting Officer)				Rebecca Kruse	
	15B. CONTRACT	FOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C, DATE SIGNED

0017111147101101101	REFERENCE NO. OF DOCUMENT BEING CONTINUED	PAGE	OF
CONTINUATION SHEET	140M0118P0043/P00004	2	2

NAME OF OFFEROR OR CONTRACTOR

SOUTHERN CALIFORNIA COASTAL WATER RESEARCH PROJECT AUTHORITY

ITEM NO.	SUPPLIES/SERVICES (B)	QUANTITY _(C)	U <b>NIT</b>	l	AMOUNT (F)
	There are no other changes as a result of this modification.  Delivery Location Code: 0010252409  BOEM Pacific OCS Reg Sup Strat Res 760 Paseo Camarillo, CM 102  Camarillo CA 93010 US			N	2
	Account Assignm: K G/L Account: 6100.252U0 Business Area: M000 Commitment Item: 252U00 Cost Center: MMNN200000 Functional Area: MT1EV0000.AAP000 Fund: 201M19172D Fund Center: MMNN200000 PR Acct Assign: 01 Period of Performance: 10/01/2018 to 09/30/2021	5 to		26	
	Add Item 00032 as follows:				
00032	Additional funding for Option Period 2.			= ,	100,000.00
	Period of Performance: 10/01/2020 to 09/30/2021			(2 · )	
				11	9
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#### **2.2.1** Tasks

- 1. Provide and maintain a server with custom software stack to support the West Coast Ocean Data Portal, <u>portal.westcoastoceans.org</u>
- 2. Install software and operating system updates for the above systems as necessary.
- 3. Backup for the above systems and associated data.
- 4. Provide identical production and development servers for the above systems to facilitate development and testing of new features prior to deployment.
- 5. Work closely with partners and stakeholders to ensure the WCODP provides the most relevant and up to date biological, physical, and socioeconomic data for Pacific Ocean Planning needs.
- 6. Maintain up to date hardware and software, and ensure data is delivered in current GIS compatible format (geodatabases, rasters, etc.).
- 7. Support the creation and registration of new datasets to the portal from new and existing network members.
- 8. Providing subject matter experts for the purposes of synthesizing and developing specialized ocean data.
- 9. Provide support in maintaining the content in the WCODP as well as updating the software behind the web page.
- 10. Provide administrative support to the WCODP development team through meeting planning a facilitation.

### The below items 11-14 are applicable to Option Period 2 only:

- 11. Work with academics and other subject matter experts to ensure the WCODP has the most authoritative data for ocean acidification, water quality, and kelp. Develop robust analyses to inform the West Coast Ocean Health Report Card.
- 12. Update the backend software for the WCODP.
- 13. Develop a standalone Oregon Offshore Wind Mapping tool using a subset of WCODP data, for the development of Offshore Wind in Oregon.
- 14. Compile a disjunct collection of infauna datasets from California, Oregon and Washington into a single dataset with a single data schema.

#### 2.3 Deliverables

- 1) Web Hosting for WCODP for 12 months.
- 2) Maintain software and servers for WCODP for 12 months.

- 3) GIS geodatabase of Historical Sea Floor Grab Samples for the Morro Bay and Humboldt Draft Call Areas, or other agreed upon dataset.
- 4) A concise report documenting data collection methods, analysis and geodatabase development.
- 5) Publish a GIS service of the dataset so it can be consumed by the WCODP.
- 6) 6 bimonthly conference calls for WCODP Data Development Team.
- 7) 6 bimonthly conference calls for WCODP Portal Coordination Team.
- 8) Annual network meeting of WCODP team members.
- 9) Coordination with West Coast Regional Planning Body to ensure WCODP is providing the data needed for Ocean Planning.

## 2.3-1 Payment Schedule

Invoices shall be submitted quarterly in accordance with the schedule below for the full period of performance including option periods except for Option Period 2:

Task	Due Date	Distribution	Amount
Deliverables 1-9	December 31	Notify COR	\$25,000.00
Update (Report)			
Deliverables 1-9	March 31	Notify COR	\$25,000.00
Update (Report)			
Deliverables 1-9	June 30	Notify COR	\$25,000.00
Update (Report)			
Deliverables 1-9	September 30	Notify COR	\$25,000.00
Update (Report)			

# Invoices shall be submitted quarterly in accordance with the schedule below for Option Period 2:

Task	<b>Due Date</b>	Distribution	Amount
Deliverables 1-9	December 31	Notify COR	\$ 50,000.00
Update (Report)			
Deliverables 1-9	March 31	Notify COR	\$50,000.00
Update (Report)			
Deliverables 1-9	June 30	Notify COR	\$50,000.00
Update (Report)			
<b>Deliverables 1-9</b>	September 30	Notify COR	\$50,000.00
Update (Report)			

Support, Maintenance and Operations for West Coast Data Portal, 140M0118P0036