

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

207



FROM: Economic Development Agency

SUBMITTAL DATE:
October 2, 2012

SUBJECT: Jacqueline Cochran Regional Airport–Design Services Contract, Amendment No.1 Taxiway A Overlay Project, AIP 03-06-0255-22-2012

RECOMMENDED MOTION: That the Board of Supervisors approve and authorize the Chairman to execute the attached agreement between the County of Riverside and Mead & Hunt, Inc., for the Taxiway A Overlay Project – Design Services Contract Amendment No. 1 at Jacqueline Cochran Regional Airport.

BACKGROUND: The purpose of the agreement is to provide construction engineering/management services for the Taxiway A Overlay project. This project will improve the airports operations by increasing the load bearing capacity and accommodating larger corporate jet aircraft operations.

(Continued)

Robert Field
Assistant County Executive Officer/EDA

FINANCIAL DATA	Current F.Y. Total Cost:	\$ 70,000	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ 0	Budget Adjustment:	No
	Annual Net County Cost:	\$ 0	For Fiscal Year:	2012/13

COMPANION ITEM ON BOARD AGENDA: No

SOURCE OF FUNDS: Federal Aviation Administration Airport Improvement Program (AIP) Grant Funds (90%), State Division of Aeronautics Grant Funds (2.5%) and Airport Match Funds (7.5%)	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION: APPROVE

BY: Jennifer L. Sargent
County Executive Office Signature

FISCAL PROCEDURES APPROVED
 PAUL ANGUILO, CPA, AUDITOR-CONTROLLER
 BY: SAMUEL WONG
 DATE: 10/2/12
 CONCURRENCE
 NEAL R. KIPNIS
 DATE:

Dept't Recomm.: Consent Policy
 Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.: 3.8 of 4/17/12 | District: 4/4 | Agenda Number: 3.9

ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD

3.9
EDA-001a-F11
Form 11 (Rev 06/2003)

BACKGROUND: (Continued)

Mead & Hunt were selected by a Request for Qualification (RFQ) as the County's Airport Project Consultant in 2006, per the Federal Aviation Administration's (FAA) 5-year consultant selection criteria. The initial agreement with Mead & Hunt dated May 24, 2011, stated that Mead & Hunt would first provide design services with construction management services to be agreed upon subsequently. These construction management services are now described in Amendment No.1.

Staff proposes to have Mead & Hunt, Inc. provide construction engineering/management services for the project and recommend that the Board of Supervisors approve Amendment No.1.

The project documents have been reviewed and approved by the Federal Aviation Administration (FAA) and County Counsel, and are consistent with current guidelines for general Aviation facilities. This project is consistent with the airport's master plan.

Staff recommends that the Board approve the contract. There will be no impact on the County's general fund.

AMENDMENT NO. 1
TO
AGREEMENT FOR CONSULTING SERVICES BETWEEN
RIVERSIDE COUNTY ECONOMIC DEVELOPMENT AGENCY
AND
MEAD & HUNT, INC.
FOR TAXIWAY A PAVEMENT RECONSTRUCTION PROJECT
AT JACQUELINE COCHRAN REGIONAL AIRPORT

This Amendment No. 1, is made and entered into this ____ day of _____, 2012, by and between the RIVERSIDE COUNTY ECONOMIC DEVELOPMENT AGENCY (hereinafter "AGENCY") and MEAD & HUNT, INC. (hereinafter "CONSULTANT").

WITNESSETH:

THAT, WHEREAS, the AGENCY and CONSULTANT entered into an AGREEMENT FOR CONSULTING SERVICES dated May 24, 2011, hereinafter called the "AGREEMENT", and

WHEREAS, the AGENCY desires to have the CONSULTANT provide additional design services and construction engineering services as described herein:

NOW, THEREFORE, AGENCY and CONSULTANT agree to the following changes:

Change #1. In the AGREEMENT, Section 1, "DESCRIPTION OF SERVICES:" The first paragraph is changed to read as follows:

"CONSULTANT shall provide services for 13,200 square feet of new asphalt pavement engineering design and construction engineering of the Taxiway "A" pavement reconstruction between the PCC Signature Apron and Taxiway "T" at the Jacqueline Cochran Regional Airport, as outlined in the original AGREEMENT, Exhibit A, and additionally specified in Exhibit B, which is attached hereto and by this reference incorporated herein."

Change #2. In the AGREEMENT, Section 2, "PERIOD OF PERFORMANCE:" add a second paragraph to read as follows:

"CONSULTANT shall commence performance of Exhibit B work upon date of execution of this Contract Amendment No. 1 and complete performance of work within forty-

five (45) working days to run concurrent with the Notice to Proceed date given to the CONTRACTOR.”

Change #3. In the AGREEMENT, Section 3, “COMPENSATION:” First paragraph is changed to read as follows:

“The AGENCY shall pay the CONSULTANT for services performed and expenses incurred in accordance with Exhibit A and Exhibit B, Scope of Services.”

Change #4. In the AGREEMENT, Section 3, “COMPENSATION:” Paragraph 3b. is changed to read as follows:

“CONSULTANT shall be paid a LUMP SUM amount, not to exceed Seventy Thousand Dollars (\$70,000), for Construction Engineering Services and Quality Assurance Testing during construction, as described in Exhibit B. CONSULTANT shall submit invoices monthly to the AGENCY for progress payments based on the performance of the total work completed to date.”

Change #5. Insert Exhibit B and Attachment 1 as part of the AGREEMENT.

Except as specifically modified by this Amendment No. 1 to the AGREEMENT, all terms and conditions of the AGREEMENT, as amended, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have caused their duly representatives to execute this Amendment No. 1.

SEAL (ATTEST)
KECIA HARPER-IHEM, Clerk of the Board


MEAD AND HUNT, INC. (CONSULTANT)

By: _____
Deputy

By: 
Lee B. Moen, P.E.
Vice President

FORM APPROVED:
PAMELA J. WALLS, County Counsel

COUNTY OF RIVERSIDE (AGENCY)
A political subdivision of the State of California

By:  9/13/12
Deputy

By: _____
John F. Tavaglione
Chairman, Board of Supervisors

DATED: _____

EXHIBIT B
SCOPE OF WORK
JACQUELINE COCHRAN REGIONAL AIRPORT
RIVERSIDE COUNTY

**Additional Pavement Design for Taxiway "A" Pavement Reconstruction,
Construction Engineering Services, and Quality Assurance Testing**

August 2012

Overview

Riverside County Economic Development AGENCY (AGENCY) has requested Mead & Hunt, Inc. (CONSULTANT) to provide additional engineering services for Airport Improvements at Jacqueline Cochran Regional Airport. The additional services include the design of new asphalt pavement in the area adjacent to the new CHP hangar at the end of Liberator Lane, and Construction Engineering Services required to provide on-site observation and quality assurance testing during the construction of Taxiway "A" from PCC Signature Apron to Taxiway "T." The duration of the construction schedule is forty five (45) working days, estimated to start in October 2012.

Project Description

This project consists of new pavement design for 13,200 square feet of native soil area north of Taxiway "A" and east of Taxiway "T" with elevation adjustments to existing drainage catch basins and removal of one taxiway edge light. Also included in this project are Construction Engineering Services for the removal and replacement of Taxiway "A" asphalt pavement between the PCC Signature Ramp and Taxiway "T." Construction in this project consists of asphalt pavement pulverization, excavation, reconstruction of subgrades, pavement reconstruction, and pavement marking. Quality assurance testing will be included as part of the Construction Engineering Services.

Project Scope

1. General administration and coordination of contracts, schedules, and AGENCY reviews.
2. Revision of Plan sheets to show 13,200 square feet of new asphalt pavement.
3. Schedule, coordinate, and attend one pre-construction meeting.
4. Review one round of submittals for construction materials and asphalt mix design, issuing corrections or clarifications to the prime Contractor.
5. Provide on-site full time construction observation by a qualified Resident Engineer for thirty (30) working days.
6. Coordinate with Resident Engineer for the processing of two pay requests and one final balancing change order.
7. Resident Engineer will attend on-site weekly construction and safety meetings.
8. File weekly FAA Construction Progress and Inspection Reports.
9. Project Manager will visit the site up to three times (exclusive of the pre-construction meeting) with one of the site visits being the final inspection.

10. Prepare a standard FAA Final Construction Report.
11. Prepare one set of record drawings based on the Contractor-provided redlines and as-built surveys.
12. Project closeout.

Consultant Expertise Required

The CONSULTANT shall be a civil engineer experienced in the design of airfield civil projects in accordance with Federal Aviation Administration (FAA) and any other subconsultants required to complete this Contract. The CONSULTANT and all subconsultants shall be registered in the State of California to practice their professions.

Excluded Services

The AGENCY and CONSULTANT agree that the following items shall be excluded from this project and, if added to the work, shall be considered as extra services:

1. Any environmental analysis, including CATEX preparation. (AGENCY shall address all environmental issues.)
2. Any fees, easements, or permit fees from City, State, County, or utility companies, etc.
3. Permitting and access agreements.
4. Coordination with tenants on project progress.

Description of Tasks

Element 1 – Construction Engineering Services

The CONSULTANT shall provide the following Construction Engineering Services:

1. Provide engineering design of new asphalt pavement, removal of one taxiway edge light, and catch basin adjustments to be included in the bidding documents for the Taxiway A pavement reconstruction.
2. Conduct a preconstruction conference with representatives of the AGENCY, FAA, and the Contractor.
3. Review Contractor submittals and notify Contractor of acceptance, revisions, or rejection.
4. Provide in-office administrative support for the CONSULTANT's Resident Engineer/Technical Observer and prepare weekly reports, Contractor pay requests, and monthly FAA reimbursement requests.
5. Consult with the AGENCY and prepare documentation regarding Change Orders, uncorrected non-compliance, request for deviations in the plans, substantial delays, and other Contract-related matters.
6. Provide technical observation of the project's construction by qualified full-time airport Engineer/Inspector.
7. Maintain a current daily construction diary and prepare the weekly reports to send to the FAA.
8. Provide quality assurance materials testing for pavement and subgrade to evaluate the Contractor's compliance with project specifications.

9. Make a final review of the work and prepare a Final Construction Report. Provide the AGENCY with reproducible record drawings and an electronic file based on the Contractor's representation of actual construction (Contractor as-built).

Schedule

Execution of this Contract will serve as Notice to Proceed with construction engineering work. It is agreed that the overall construction duration for this project shall be forty-five (45) working days. The Mobilization phase shall be completed within fifteen (15) working days, during which time submittal reviews will be performed in the office. A separate Notice to Proceed will be issued to the Contractor upon substantial completion of the Mobilization phase. Once the AGENCY issues the Contractor the Notice to Proceed with construction, the Resident Engineer will be coordinated to be on-site and work shall be completed within thirty (30) working days.

Compensation for Services

For the engineering design, construction engineering, and quality assurance testing outlined in Element 1 of this Exhibit B, the CONSULTANT shall be compensated a lump sum amount of Seventy Thousand Dollars (\$70,000). The Engineer's Cost Estimate is attached herein as *Attachment 1*.

Payment shall be made in proportion to the work completed based on progress reports to the total service to be performed. Payment for satisfactory performance includes, without limitation, salary, fringe benefits, overhead, and profit.

JACQUELINE COCHRAN REGIONAL AIRPORT
Engineering Services Cost Estimate
AIP 3-06-0255-022

CONSTRUCTION ENGINEERING SERVICES

General Administration & Coordination

Senior Associate	2	Hours	@	\$	245.00	\$	490.00
Project Engineer	5	Hours	@	\$	175.00	\$	875.00
Additional Design Amend	1	Each	@	\$	8,000.00	\$	8,000.00
					Subtotal	\$	9,365.00

Preconstruction Conference

Senior Associate	2	Hours	@	\$	245.00	\$	490.00
Project Engineer	10	Hours	@	\$	175.00	\$	1,750.00
CTE Engineer	6	Hours	@	\$	135.00	\$	810.00
Trip	1	Each	@	\$	500.00	\$	500.00
Administrative Assistant	2	Hours	@	\$	84.00	\$	168.00
Clerical	1	Hours	@	\$	66.00	\$	66.00
Expenses	1	Cost	@	\$	150.00	\$	150.00
					Subtotal	\$	3,934.00

Submittal Review & Asphalt Mix Design Approval

Project Engineer	8	Hours	@	\$	175.00	\$	1,400.00
CTE Engineer	10	Hours	@	\$	135.00	\$	1,350.00
Engineer III	6	Hours	@	\$	137.00	\$	822.00
Administrative Assistant	3	Hours	@	\$	84.00	\$	252.00
Clerical	1.5	Hours	@	\$	66.00	\$	99.00
					Subtotal	\$	3,923.00

Contractor Pay Requests & Budget Administration

Project Engineer	4	Hours	@	\$	175.00	\$	700.00
Administrative Assistant	1	Hours	@	\$	84.00	\$	84.00
Clerical	1	Hours	@	\$	66.00	\$	66.00
					Subtotal	\$	850.00

Change Orders

Project Engineer	1	Hours	@	\$	175.00	\$	175.00
Engineering Technician IV	1	Hours	@	\$	116.00	\$	116.00
Administrative Assistant	1	Hours	@	\$	84.00	\$	84.00
Clerical	1	Hours	@	\$	66.00	\$	66.00
					Subtotal	\$	441.00

Project Meetings & Site Visits

Project Engineer	8	Hours	@	\$	175.00	\$	1,400.00
CTE Engineer	8	Hours	@	\$	135.00	\$	1,080.00
Trip	2	Each	@	\$	500.00	\$	1,000.00
Expenses	2	Cost	@	\$	150.00	\$	300.00
Administrative Assistant	2	Hours	@	\$	84.00	\$	168.00
Clerical	1	Hours	@	\$	66.00	\$	66.00
					Subtotal	\$	4,014.00

JACQUELINE COCHRAN REGIONAL AIRPORT
Engineering Services Cost Estimate
AIP 3-06-0255-022

Daily Inspection

Resident Engineer	240	Hours	@	\$	115.00	\$	27,600.00
CTE Engineer	5	Hours	@	\$	135.00	\$	675.00
						Subtotal	\$ 28,275.00

Construction Testing

CTE Lab	1	Each	@	\$	15,750.00	\$	15,750.00
CTE Engineer	5	Hours	@	\$	135.00	\$	675.00
						Subtotal	\$ 16,425.00

Final Inspection, Reports & Record Drawings

Senior Associate	2	Hours	@	\$	245.00	\$	490.00
Project Engineer	5	Hours	@	\$	175.00	\$	875.00
Trip	1	Each	@	\$	500.00	\$	500.00
Expenses	1	Cost	@	\$	150.00	\$	150.00
Engineering Technician II	5	Hours	@	\$	93.00	\$	465.00
Administrative Assistant	3	Hours	@	\$	84.00	\$	252.00
Clerical	1.5	Hours	@	\$	66.00	\$	99.00
						Subtotal	\$ 2,831.00

TOTAL BASIC ENGINEERING	\$ 70,058.00
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