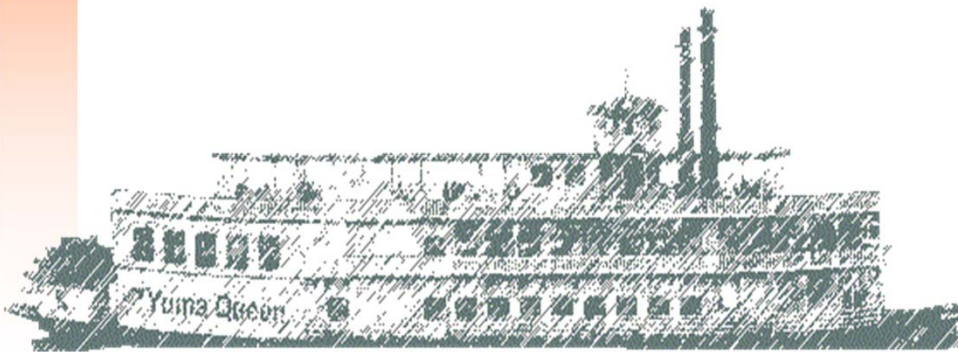




Welcome

Yuma County Airport Authority
Request for Qualifications
for Professional Services
TAXIWAY H1 REHABILITATION



TAXIWAY H1 REHABILITATION



Figure 1 – Taxiway H1 Rehabilitation

Yuma International Airport

- Existing taxiway
- Moderate Usage
- Engineering Report
- Concrete w/Asphalt shoulders
- No lighting
- Stress cracks are apparent
- PCI was in the “ok” range with failing showing
- FAA & ADOT funded
- Construction Admin will be included w/ AE
- 12 wk design & bid goal

YCAA Consultant Selection Process

- FAA guidelines in Advisory Circular 150/5100-14d for Consultant Selection
 - Title IX of the Federal Property and Administrative Services Act of 1949 requires that **qualifications based selection procedures** be used for the selection of firms to perform architectural and engineering services.
 - The selection of consultants must be made on the basis of fair negotiations and equitable fees and through **selection procedures that are professionally acceptable**, ensure maximum open and free competition, and avoid any suggestion of unfair or unethical conduct.

RFQ Proposals

- Cover Sheet
 - General Information
 - Experience & Qualifications
 - Understanding of Project & Firm's Approach
-
- ❑ Maximum of 10 pages
 - Excludes resumes (2 pg max/professional) and organization chart to be placed in the appendix

Selection Panel Example

- MCAS Engineer (if available)
- Yuma County Engineer
- City of Yuma Engineer
- Professional Engineer from BOR
- YCAA Board Director
- Others as Required

MINIMUM OF FOUR (4) PERSON SELECTION PANEL

Selection Committee Criteria:

- Does the Proposer's firm indicate the ability to perform all or most aspects of the project and is their recent experience in airport planning projects comparable to the proposed task?
- Do the Proposer's key personnel have the professional qualifications, experience and availability for the proposed project?
- Does the Proposer's reputation indicate professional integrity and competence?
- Does the Proposer indicate a thorough knowledge of FAA and State of AZ regulations, policies, and procedures?

Selection Committee Criteria:

- Does the Proposer's current workload demonstrate the ability to meet schedules and deadlines?
- Does the Proposer's history in previous projects indicate the capability to complete projects without experiencing delays.
- Does the Proposer indicate an awareness of local conditions, relevant local projects and experience with knowledge of local agencies and related histories?
- Does the Proposer demonstrate an understanding of the project's potential problems and the airport's special concerns?
- Does the Proposer indicate a high degree of interest in undertaking the project?

Terminal Modification - 4 Firms

- Barry Patterson
- Fischer Architects
- Nicklaus Engineering
- DWL Architects

Criteria	Firms	A	B	C	Fischer
Past Performance		24	24	24	25
Technical Approach		20	24	24	25
Schedules & Deadlines		25	25	24	25
Design Schedule		23	25	24	25
	Totals	91	98	96	100

Taxiway F, Y – 6 Firms

- Armstrong
- Huitt
- Kirkham
- Morrison
- Nicklaus
- Wilcox

Summary	Armstrong	Huitt	Kirkham	Morrison	Nicklaus	Wilcox
Performance	110	114	101	111	111	104
Technical	102	108	100	98	110	110
Ability	108	111	105	105	111	100
Schedule	100	96	103	107	115	104
Location	6	9	8	9	15	10
Total	426	438	417	430	462	428

Yuma International Airport

Concourse Expansion - 6 Firms

- Corgan Architecture
- Barry Patterson
- EMC2 Architects
- C&S Engineering
- TranSystems Engineering
- **DWL Architects**

Criteria	Firms	A	B	C	DWL	E	F
Firm's Experience		6	14	17	18	11	13
Team Experience		19	14	13	43	9	29
Firm's Reputation		10	10	10	10	10	10
FAA Knowledge		0	4	9	9	6	5
DoD Knowledge		0	0	0	0	0	0
Workload Plan		7	8	7	9	8	10
Delay History		10	10	10	10	10	10
Yuma Awareness		6	6.75	5	5.75	7.5	5.5
Insight to Problems		3.5	7.25	7	8.75	9.25	6.75
Level of Interest		3	10	3	10	10	10
	Totals	64.5	84	81	123.5	80.75	99.25

Yuma

DCC Hangar – 4 Firms

- **Architecture West**
- **DWL Architecture**
- **Barry Patterson**
- **EMC2 Group Architects**

Criteria	Firms	A	B	C	NEI
Firm's Experience		6	13	12	11
Team Experience		24	33	8	33
Firm's Reputation		10	10	10	10
FAA Knowledge		1	7	6	4
DoD Knowledge		3	0	0	10
Workload Plan		7	7	10	9
Delay History		10	10	10	10
Yuma Awareness		7.25	4.75	8.5	9
Insight to Problems		4.25	8.5	8	5.5
Level of Interest		3	10	10	10
	Totals	75.5	103.25	82.5	111.5

Yuma International Airport

Rolle Field – 4 Firms

- Dibble Engineering
- Morrison-Maierle
- Armstrong Consultants
- C&S Engineering

Criteria	Firms	A	B	C	MM
Firm's Experience		17	18	18	19
Team Experience		30	10	22	19
Firm's Reputation		10	10	10	10
FAA Knowledge		10	10	8	8
DoD Knowledge		0	6	0	6
Workload Plan		7	7	8	7
Delay History		10	10	10	10
Yuma Awareness		3.75	7.5	5.75	6
Insight to Problems		5	8.5	7.75	8.25
Level of Interest		3	10	5	10
	Totals	97.75	97	99.5	103.25

DCC Apron – 4 Firms

- Nicklaus
- Armstrong
- Morrison-Maierle, Inc
- Huitt Zolar

Criteria	NEI	Armstrong	Morrison-M	Huitt-Z
Experience	16	18	16	14
Qualifications	15	27	15	11
Integrity	10	10	10	10
FAA Knowledge	10	10	10	10
DOD Knowledge	10	0	10	10
Workload	10	10	10	10
Past Performance	10	10	10	10
Georgraphy	10	0	5	5
Local Knowledge	10	0	5	8
RPR Experience	10	5	5	5
Insight	10	5	8	10
Interest	10	5	10	0
Aesthetics	10	0	5	10
DBE Knowledge	10	10	10	10
Totals	151	110	129	123

Master Plan – 6 Firms

- Armstrong Consultants
- C&S Engineers, Inc
- Crawford, Murphy & Tilly
- Morrison-Maierle, Inc
- **Ricondo & Associates, Inc**
- The Louis Berger Group

Criteria	Arm	C&S	Cra	MM	Ric	LB
Firm Experience	12	16	12	20	16	10
Team Experience	17	22	12	17	22	14
Reputation	8	10	10	10	10	10
FAA Knowledge	6	8	6	10	8	4
DoD Knowledge	4	4	5	4	6	4
Work Load	7	10	8	7	7	5
Delay History	8	8	8	8	8	8
Local Knowledge	0	7	0	6	8	0
Insight	0	7	0	6	9	0
Interest in Yuma	5	10	10	10	10	10
Total	67	102	71	98	104	65

Yuma International Airport



Filling out the Proposal

Yuma International Airport

General Information - 10 Points

Provide a general description of the company and/or team that is proposing to provide the services, including identifying sub-consultants. Provide an organization chart showing key personnel. For each key person, provide the following information:

1. Percentage of time that each person will be available to provide services potentially requested under this RFQ
2. Length of time with the firm
3. Applicable professional registrations
4. Area(s) of expertise as it relates to the projects noted

Experience & Qualification - 50 Points

- 45 1. Provide a list of similar airport projects on which the project team has experience. For each reference project, please provide the following information:
 - a. Description of the project, including project name and location
 - b. Project owner and/or client information
 - c. Role of the firm, including a description of the services provided
 - d. Role of each key team member who worked on the reference project and the percentage of time spent by each key team member on said project
 - e. Approximate dates services were provided
 - f. Reference information (two contacts including current telephone numbers per project)

- 5 2. List all Yuma International Airport projects where the firm/team provided design services in the last five years, completed or ongoing, that are not already included in the preceding sections.

Yuma International Airport

Relevant Projects (not all inclusive)

Airport

- Hangars
- Terminal Projects
- Runways / Taxiways
- Military Construction

Non-Airport

- Retail Centers
- Strip Malls, Shopping Malls
- School Buildings
- Government Buildings

Understanding of Project - 35 Points

Understanding of the Project & approach to performing the services

10 Discuss any major issues your team has identified for the project or the information provided in the scope of work in this RFQ and how your firm/team intends to address those issues. Identify any technical innovations that may be incorporated and/or innovative approaches that will be used in executing the work. Also, discuss the particular expertise your firm/ team offers and how you propose to use that expertise to benefit the YCAA to add value to the project. **10**

5 The consulting firm's proposal will need to provide evidence of understanding of the project; and any unique engineering aspects associated with the proposed project and how to address them. **10**

Advisory Circulars cover

- FAA Asphalt oil content
- Airport Aprons
- Aircraft Radius of Turn
- Airplane Design Group
- Imaginary Surfaces
- Signage & Markings
- Fleet Mix
- Jet Blast Effects
- Noise Considerations
- Airport Capacity
- Taxiway Fillets
- Separation Standards

And any other ACs or Orders to be referenced or followed

This will include knowledge of DoD aviation

- Objective: Watch for DOD traps
 - Imaginary surfaces, military security, military operations, etc. (very important to MCAS)

Delay History – Customer Satisfaction

- Call references (and/or use survey data)
 - Ask specific questions about dissatisfaction or inability to keep to the schedule, both design and construction
 - Ask about change orders
- Objective: Avoid firms who are over-committed or execute poorly.

Subjective Criteria

- Subjective In Nature
- Selection Panel Scores
 - Based on Technical Approach and Optional Information
- Is proposal filled with Engineer-Speak
 - Is the proposal centered around our project?
 - Few actually address project details (????)

Local Knowledge

- Does the Proposer indicate an awareness of:
 - Local conditions
 - Relevant local projects
 - Experience of local agencies
 - Related histories
- Objective: Is the Firm knowledgeable of State, City and County policies and familiar with our Airport

Insight into this Project

- Does the Proposer demonstrate an understanding of:
 - Project's potential problems
 - Airport's concerns
- Objective: Firm listens when we speak

Optional Illustration Pages

- “Picture worth a thousand words”
 - Proposer’s Role in Project Illustration:
 - Percentage of effort in Overall Project:
- Objective: Identify “innovative” capability and illustrate firm’s prior successes

DBE might be a Factor

- We have a past history of not meeting our DBE goals
 - This will eventually cause problems getting future grants
- DBE is a growing government bureaucracy
 - We must (?) spend a certain percentage of grant money on DBE firms (Disadvantaged Business Enterprises)

Important Dates

RFQ Available: March 2, 2016 until April 6, 2016

Pre-submittal Conference: March 15, 2016 at 10am

Last Date for Questions: Wednesday, March 23, 2016

Response Due: Wednesday, April 6, 2016 at 2:00 PM

Contract Award: April 12, 2016 pending FAA, ADOT Review and Board Approval

- ✓ Provide six (6) copies
- ✓ Due by 2pm on April 6th NO EXCEPTIONS
- ✓ All questions will be in writing and will be published, email Andrea@yumaairport.com



Questions?

Yuma International Airport

Let your imagination soar . . .



. . . at Yuma International Airport

Yuma International Airport