

MOJAVE AIR AND SPACE PORT

REGULAR MEETING OF THE BOARD OF DIRECTORS

Date: June 15, 2021

Time: 2:00 p.m.

Due to the COVID-19 state of emergency, the Board of Directors will conduct this meeting via Zoom Video Conference. A physical location will not be available to the public. You may participate in the meeting by using the call in number specified in this Notice of Meeting or access the web page below. If you wish to speak to an item on the agenda, please inform the Board Chair when he asks for public comment. The Board's normal rules for public comment apply: speakers are limited to 3 minutes per item. You may also email comments to Lynn@mojaveairport.com prior to the start of the meeting, and your comment(s) will be distributed to the directors at the meeting.

If you need special assistance to participate in the meeting, please contact Lynn at Lynn@mojaveairport.com, and the District will attempt to accommodate your need.

Zoom Video Conference

<https://us02web.zoom.us/j/84017037589?pwd=czRleTV2ZWpudU5lZ1FtUjBiVXF3UT09>

Phone: 669-900-9128

Meeting ID: 840 1703 7589

Passcode: 608090

AGENDA

1. Call to Order

- A. Pledge of Allegiance
- B. Roll Call
- C. Approval of Agenda

2. Community Announcements

Members of the audience may make announcements regarding community events.

3. Consent Agenda

All items on the consent agenda are considered routine and non-controversial and will be approved by one motion unless a member of the Board, staff, or public requests to move an item to Action Items.

- A. Minutes of the Regular Board Meeting June 1, 2021
- B. Check Register dated June 10, 2021, \$2,056,133.40

4. Action Items

- A. California Special District Assoc. (CSDA) Board Election

- B. Contract for General Aviation Pavement Reconstruction & Drainage Improvements Airport Engineering Design Services – Mead & Hunt
- C. Resolution Awarding Contract for Runway 8-26, Re-Striping Project
- D. Test Site 4 Lease – Stratolaunch

5. Reports

- A. CEO/GM Reports
- B. DOO Reports
- C. Board Committees
- D. Board of Directors: This portion of the meeting is reserved for board members to comment on items not on the agenda.

6. Public Comment on Items Not on the Agenda

Members of the public may make comments to the Board on items not on the agenda.

7. Closed Session

- A. Potential Litigation (Govt Code 54956.0) MASP v. Scaled Composites
- B. Real Property Negotiations (Govt Code 54956.8)
 - 1. Property: Hangar 960
 - Parties: MASP, Hilyard
 - Negotiator: CEO, General Counsel
 - Term: Purchase

8. Closed Session Report

Adjournment

This Agenda was posted on June 11, 2021 by Jason Buck.

ADA Notice: Persons desiring disability-related accommodations should contact the District no later than forty-eight hours prior to the meeting. Persons needing an alternative format of the agenda because of a disability should notify the District no later than seventy-two hours prior to the meeting. All inquiries/requests can be made by phone at (661) 824-2433, in person at 1434 Flightline, Mojave, CA, or via email to carrie@mojaveairport.com.

Copy of Records: Copies of public records related to open session items are available at the administrative office of the District at 1434 Flightline, Mojave, CA.

Public Comments: Members of the public may comment on items on the agenda before the Board takes action on that item, or for closed session items, before the Board goes into closed session. Comments on items not on the agenda, and over which the Board has jurisdiction, may be made under “Public Comments on Items not on the Agenda,” but the Board may not take action on any issues raised during this time. All comments by members of the public are limited to three minutes.

MISSION STATEMENT

**FOSTER AND MAINTAIN OUR RECOGNIZED AEROSPACE PRESENCE WITH A
PRINCIPLE FOCUS AS THE WORLD’S PREMIER CIVILIAN AEROSPACE TEST CENTER
WHILE SEEKING COMPATIBLY DIVERSE BUSINESS AND INDUSTRY**

BOARD OF DIRECTORS

MINUTES OF THE REGULAR MEETING ON JUNE 1, 2021

(All votes at this meeting were taken by roll call since the meeting was conducted by teleconference and in person)

1. CALL TO ORDER

The meeting was called to order on Tuesday, June 1, 2021 at 2:00 p.m. by Director Balentine.

A. Pledge of Allegiance: Director Barney led those assembled in the Pledge of Allegiance.

B. Roll Call:

Directors present via zoom and in person: Balentine, Barney, Coleman, Deaver, Morgan

Directors absent: None

Others present: CEO Lindner, DOO Nelson, DOA Rawlings, DOP VanWey, DOF Smith, DOT Buck, and District Counsel Navé.

C. Approval of Agenda

Upon motion by Director Coleman, seconded by Director Deaver, The Board unanimously approved the agenda.

2. Community Announcements

There were no public comments.

3. Consent Agenda

Upon motion by Director Barney, seconded by Director Coleman, the Board unanimously approved the Consent Agenda.

A. Minutes of the Regular Board Meeting May 18, 2021

B. Minutes of the Special Board Meeting May 24, 2021

C. Check Register dated May 27, 2021, \$1,206,434.77

D. Check Register dated May 27, 2021, \$140,304.70

4. Action Item

A. Resolution Approving a Budget and Establishing the Appropriations Limit for the Fiscal Year Commencing July 1, 2021.

DOA Rawlings presented the proposed Budget and Appropriations Limit to the Board of Directors. CEO Lindner and DOA Rawlings discussed the proposed hangar development and different financing options available with the Board. Director Morgan stated he'd like to see the growth opportunities expanded at the airport. Upon motion by Director Deaver, seconded by Director Barney, the Board unanimously approved the Resolution Approving a Budget and Establishing the Appropriations Limit for Fiscal Year Commencing July 1, 2021.

5. Reports

A. Financial Reports

DOA Rawlings presented the financial reports ending April 30, 2021. DOA Rawlings also discussed the account aging, stating Dragon Aviation is behind on their payment arrangements and MASP will be issuing a Pay or Quit. Director Barney questioned if she needed to recuse herself, and Counsel Navé explained it does not appear Director Barney has a conflict and this is just an informational item. DOA Rawlings also discussed the gym membership and the operation hours of the gym.

B. Security Report

Security Chief Spandorf presented the security report for the period of April 26 – May 25, 2021. He also briefed the Board of Directors on the Code Red Mass Notification System.

C. CEO/GM Report

CEO Lindner briefed the board on discussions with Pegasus Development Corporation about possibly bringing FBO Services to MASP and what it entails. CEO Lindner also briefed the Board on Stratolaunch's plan to expand their footprint at MASP to include a rocket engine test site which will require Whittinghill Aerospace to relocate their control room. CEO Lindner also updated the Board on the Scaled Composite Hangar 927 removal negotiations. CEO Lindner welcomed Matt Nelson as the new Director of Operations, stating Mr. Nelson is working on the new security plan and stated Security Chief Spandorf gave a presentation to staff on the MASP Red Book emergency plan and mentioned other tenants are interested in participating in the emergency plan. CEO Lindner also updated the Board on the storm water and pavement project evaluation, the Taxiway C project and the hangar development.

D. Board Committees

There were no comments.

E. Board of Directors

Director Coleman discussed the storm water drainage location with CEO Lindner. Director Barney welcomed DOO Matt Nelson.

6. PUBLIC COMMENTS ON ITEMS NOT ON THE AGENDA

There were no public comments.

7. Closed Session

- A. Potential Litigation (Govt Code 54956.9) MASP v. Scaled Composites
- B. Real Property Negotiations (Govt Code 54956.8)
 - 1. Property: Hangar 960
 - Parties: MASP, Hilyard
 - Negotiator: CEO, General Counsel
 - Term: Purchase

8. Closed Session Report

In Closed session, the Board discussed the potential litigation involving Hangar 927 Scaled Composites. In real property negotiations for Hangar 960, the Board gave direction to the CEO. No other items were discussed.

ADJOURNMENT

There being no further business to come before the Board, the chair adjourned the meeting at 3:04 pm.

ATTEST

Jimmy R. Balentine, President

Diane Barney, Secretary

Date: Thursday, June 10, 2021
 Time: 09:58AM
 User: CPANKO

Mojave Air & Space Port
Check Register - Standard
 Period: 12-21 As of: 6/10/2021

Page: 1 of 1
 Report: 03630.rpt
 Company: MASP

Check Nbr	Check Type	Check Date	Vendor ID Vendor Name	Period To Post Closed	Ref Nbr	Doc Type	Invoice Number	Invoice Date	Discount Taken	Amount Paid
Company: MASP										
Acct / Sub:	101000		1200							
061051	CK	6/15/2021	0775 Granite Construction	12-21	048483	VO		4/1/2021	0.00	1,985,651.44
061052	CK	6/15/2021	1891 ROHDE & SCHWARZ USA, Inc.	12-21	048419	VO	9500139495	6/1/2021	0.00	70,482.29

Check Count: 2

Acct Sub Total: 2,056,133.73

Check Type	Count	Amount Paid
Regular	2	2,056,133.73
Hand	0	0.00
Electronic Payment	0	0.00
Void	0	0.00
Stub	0	0.00
Zero	0	0.00
Mask	0	0.00
Total:	2	2,056,133.73

Company Disc Total	0.00	Company Total	2,056,133.73
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MOJAVE
AIR AND SPACE PORT
STAFF MEMORANDUM

TO: Board of Directors
FROM: Lynn Johansen, Contracts Manager
SUBJECT: 2021 California Special District Association Board of Directors Election

MEETING DATE: June 15, 2021

Background:

The CSDA is seeking a vote from members for the 2022-2024; Seat A – Central Network, Board of Directors Election, The new candidates running are:

- Melvin Gong – Dinuba Veterans Memorial District
- Curtis Jorritsma – Himar County Water District
- Patrick McGowan – Lake Don Pedro Community Services District
- Patrick Ostly – North of River Sanitary District

Impacts:

Fiscal: None
Environmental: None
Legal: None

Recommended Action:

Select one candidate for the 2021 CSDA Board of Directors Election.



- Home
- How It Works
- Logout **Carrie Rawlings**

CSDA Board of Directors Election Ballot - Term 2022-2024; Seat A - Central Network

Please vote for your choice

Choose **one** of the following candidates:

- Melvin Gong
- Curtis Jorritsma
- Patrick McGowan
- Patrick Ostly

Melvin Gong [\[view details\]](#)

Curtis Jorritsma [\[view details\]](#)

Patrick McGowan [\[view details\]](#)

Patrick Ostly [\[view details\]](#)

Continue

Cancel



2021 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: MELVIN K. GONG

District/Company: DINUBA VETERANS MEMORIAL DISTRICT

Title: PRESIDENT

Elected/Appointed/Staff: 12/4/2020

Length of Service with District: 2 YRS

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

RECENT MEMBER OF SPECIAL DISTRICT RISK MANAGMENT AUTHORITY

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

CALIF COUNTY PLANNING COMMISSIONERS ASSOCIATION

3. List local government involvement (such as LAFCo, Association of Governments, etc.):

TULARE CO. PLANNING COMMISSIONER AND AIRPORT LAND USE COMMISSIONER

TULARE CO GRAND JURY, CA NOTARY

4. List civic organization involvement:

CUTLER-OROSI VISION COMMITTEE, CUTLER-OROSI CONNECT MEETING, TULARE CO SHERIFF VOLUNTEER

CUTLER-OROSI CHAMBER OF COMMERCE, AMERICAN LEGION, DINUBA MEMORIAL HALL DISTRICT

****Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. **Any statements received in the CSDA office after March 29, 2021 will not be included with the ballot.**

MELVIN K. GONG

Candidate Statement:

Currently serving as President of the Dinuba Veterans Memorial District. Served 12 years on the Tulare County Planning Commission and Airport Land Use Commission. Former director on the CCCPCA (Central District Director for the California County Planning Commissioners Association) Board. Gong founded the Cutler-Orosi Vision Committee in collaboration with Community Service and Education Training (CSET); receiving a grant from Great Valley Center to incorporate, wrote the Article of Incorporation and its by-laws, filed for 501(c) (3) status and served as its President.

Served as President of the Tulare County Sheriff Volunteers and coordinated volunteers' training and volunteer patrol operation for the Sheriff. As VP, Gong authored the re-write of the by-law and uniform regulation. Gong served on the 1999-2000 Tulare County Grand Jury and chaired both the Administration and the Special Districts/Audit Committees.

Retired IRS employee, which included working as a Workforce Relations Consultant, tax examiner, and Human Resource Technician.

Retired Air Force Reserve Officer, help formed the Mission Assurance Division and Continuity of Operations (COOP) Branch. Member of the Joint United States Strategic Command Support Battle Staff. Active duty assignments include; Missile Combat Crew Commander, Munitions Accountable Supply Officer (responsible nuclear/conventional bombs and missiles), and Logistic Staff Officer.

Awards include Cutler-Orosi Chamber of Commerce Man of the Year, TC Office of Education's SCICON Volunteer of the Year, and TC Sheriff Volunteer of the Year.

Education includes master degree in Human Resource Mgt. & Development and Bachelor of Science in business administration. Also, completed Squadron Officer School, Air Command and Staff, and Air War College.

Other experiences include mortgage loan officer and in-house trainer for new employees. Family businesses include being a travel agent, licensed insurance agent, import and export business manager, and landlord. Achievements include Private Pilot License and Dive Master Scuba-Certification rating.



2021 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: Curtis Jorritsma

District/Company: Hilmar County Water District

Title: General Manager

Elected/Appointed/Staff: Appointed by Board

Length of Service with District: 5.5 years

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

None, other than attendance at CSDA events/trainings.

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

AWWA Cal-Nevada Section

3. List local government involvement (such as LAFCo, Association of Governments, etc.):

City of Patterson (8 Years, Capital Projects Manager),

West Turlock Subbasin Groundwater Sustainability Agency (3 Years, Currently Vice Chair)

4. List civic organization involvement:

Hilmar Unified School District Governing Board (4 years, Currently Vice Chair)

****Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. **Any statements received in the CSDA office after March 29, 2021 will not be included with the ballot.**

My name is Curtis Jorritsma and I'm the General Manager for Hilmar County Water District. I would like to be considered for a position on the California Special Districts Association Board of Directors. Over the past five years, I've learned what it means to operate a special district in California. The impact of special districts in this state and the ability and willingness they have to move forward without the resources of their city and county counterparts is nothing short of amazing.

If elected to the CSDA Board of Directors for the Central Network, I would work to bring awareness to the wide range of special districts within our boundaries and the services that each provides for their specific community. If you're reading this, you are already aware of the benefits CSDA provides its member agencies. My goal would be to continue to bring value to these unique relationships and to assist in expanding their capabilities.

2020 taught us that nothing is permanent and things can and will change at a moment's notice. Strong, informed leadership is critical in those situations as well as in each of our day-to-day activities and operations. I want to be part of that leadership and I am asking for your support to do so.



California Special
Districts Association
Districts Stronger Together

2021 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: Patrick McGowan

District/Company: Lake Don Pedro Community Services District

Title: General Manager

Elected/Appointed/Staff: _____

Length of Service with District: 22 months

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

No

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

Backflow and Cross Connection Specialist and
am a AWWA member.

3. List local government involvement (such as LAFCo, Association of Governments, etc.):

4. List civic organization involvement:

Vice President of Modesto City Employee Association
for 3 years 2016-2019.

****Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. Any statements received in the CSDA office after March 29, 2021 will not be included with the ballot.



Patrick McGowan

CSDA Central Network Seat A

Board of Directors Nominee

Candidate Statement

I am ecstatic to be nominated for Central Network Seat A by Lake Don Pedro Community Services District Board of Directors! I have an extensive twenty year background in construction, operations, and management. In addition to working within local governments for the past thirteen years, I am also a licensed General A Contractor. I spent ten years working for a large municipality located in Central California prior to my arrival at Lake Don Pedro Community Services District. I began in operations and eventually earned a management position within the Utilities Department. In 2014, I was elected as a Director of the City Employee Association representing over five hundred employees. In 2017, I successfully was elected to Vice President of this association. The experiences gained navigating within an employee association, in addition to my operations background, has helped shape my outlook on management. I began my tenure with Lake Don Pedro CSD a little under two years ago. The ability to provide uninterrupted essential services, at reasonable rates to our fee payers, during a global pandemic has been invaluable. We face many hardships within our District, and I am motivated to gain relationships that may assist me in moving forward as a manager. I am excited for the opportunity to work alongside, and grow from other knowledgeable, experienced CSDA members. I believe my unique, diverse skill set can contribute immediately if given the chance. I am eager to gain policy and legislative experience within the Special District network that can assist our community in moving forward in the future.

Patrick McGowan

General Manager, Lake Don Pedro CSD



**California Special
Districts Association**
Districts Stronger Together

2021 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: Patrick Ostly

District/Company: North of River Sanitary District

Title: District Manager

Elected/Appointed/Staff: Appointed

Length of Service with District: 6 years

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

Current VP of the Kern County SDA

Attendance at CSDA Conferences and GM Conferences

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

California Association of Sanitary Agencies (current member of CSRMA liability insurance committee)

California Water Environment Association (Current Leadership Development Committee Chair and Secretary for the Golden Empire Section)

3. List local government involvement (such as LAFCo, Association of Governments, etc.):

4. List civic organization involvement:

****Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. **Any statements received in the CSDA office after March 29, 2021 will not be included with the ballot.**

Central Network Seat A Candidate Statement for Patrick Ostly

Special Districts provide valuable services to the residents of California, yet it is unfortunate that much of our population is still not aware of how Districts affect and improve their daily life. I am a graduate of Cal Poly SLO with a degree in Civil Engineering and have been a registered engineer since 1996. For 22 years as a consulting engineer, I studied, planned, designed, and provided construction services for public water and wastewater Infrastructure Projects. Many of my clients were Sanitary Districts, Water Districts, Utility Districts, and Community Services Districts. I was always amazed that friends and family were mostly ignorant of the important services and infrastructure they unknowingly benefit from every single day.

In 2015 I took on the role of District Manager at North of River Sanitary District in Bakersfield. Previous District Management had commenced modernizing operations at the District, and I continue to push this transition resulting in current District operations and service we are proud of. My experience with wastewater infrastructure has been applied to current assets and the planning and design of future ones.

CSDA has been working hard promoting our Districts to the California public and in representing our needs to elected officials. I look forward to being more involved in these activities.

MOJAVE
AIR AND SPACE PORT
STAFF MEMORANDUM

TO: Board of Directors
FROM: Todd Lindner
SUBJECT: General Aviation Pavement Reconstruction & Drainage Improvements Design Engineering Work Scope.

MEETING DATE: June 15, 2021

Background:

Mead & Hunt has submitted a Scope of Services and fee for the Design of General Aviation Pavement Reconstruction & Drainage Improvements at Mojave Air and Space Port. The General Aviation area at MHV covers an area of 5.5 acres and consists of 55 box hangars and 8 taxi lanes with an average width of 50 feet and length that varies from 200 feet to 550 feet. The existing paved area consists of flexible pavement with severe block cracking evident throughout. There is a pavement portion on the southeastern taxi lane approximately 300 feet long and 20 feet wide that presents severe swelling. Additionally, there is a recurrent drainage problem in at least 3 hangars, where stormwater currently flows into the hangar, during rain events. The fee submitted is \$277,132.00. Mead & Hunt is our designated engineering firm previously selected through competitive bid process and provides engineering services for the District.

Impacts:

Fiscal: Up to \$277,132.00 budget dollars
Environmental: None
Legal: None

Recommended Action:

Award the design engineering contract to Mead & Hunt.

EXHIBIT A
Mojave Air and Space Port
General Aviation Pavement Reconstruction and Drainage Improvements
Airport Design Engineering Scope of Services

May 27, 2021

PROJECT OVERVIEW AND DESCRIPTION

This Scope of Services details the preliminary design, final design and bid administration services to be provided by Mead & Hunt, Inc. (CONSULTANT) for the General Aviation Pavement Reconstruction and Drainage Improvements Project (Project) at the Mojave Air and Space Port (MHV) for the Mojave Air and Space Port District (DISTRICT), located in the City of Mojave, County of Kern.

The General Aviation area at MHV covers an area of 5.5 acres and it consists of 55 box hangars and 8 taxilanes with an average width of 50 feet and length that varies from 200 feet to 550 feet. The existing paved area consists of flexible pavement with severe block cracking evident throughout. There is a pavement portion on the southeastern taxilane approximately 300 feet long and 20 feet wide that presents severe swelling. Additionally, there is a recurrent drainage problem in at least 3 hangars, where stormwater currently flows into the hangar, during rain events.

The estimated construction budget for the Project is approximately One Million Nine Hundred Sixty Thousand Dollars (\$1,960,000), this budget assumes a full pavement reconstruction and subgrade overexcavation and recompaction in existing paved areas where pavement swelling is present. This Project will be funded by the DISTRICT and will be designed to meet FAA standards. A single base bid and one bid alternate are anticipated for the Project. Refer to Attachment 3 for the project boundary. It is anticipated that the Project bid package will be designed and completed by January 2022.

Major Elements of Project

The major elements to be included in design of the Project are as follows:

- 1) Removal of existing AC pavement section
- 2) Recompaction of aggregate base section
- 3) Overexcavation, subgrade replacement at pavement swelling areas
- 4) Construction of new AC pavement section
- 5) Installation of a drainage system between hangars
- 6) Installation of taxilane pavement markings

Summary of Services

The CONSULTANT's scope of work for this Project will be divided into four phases as follows:

- Phase 1 – Project Administration and Coordination
- Phase 2 – Preliminary Project Design.
- Phase 3 – Final Design (95% and Final)

- Phase 4 – Bid Administration

The scope of services proposed to be provided by Consultant is described in the phases and tasks as follows:

Phase 1. Project Administration and Coordination

This phase involves those activities required for defining the scope of Project, negotiating contract and subcontracts, and general coordination and administration, including (but may not limited to) the following activities:

1.0 PROJECT SCOPING

1.1 Preliminary Meetings with the District

Consultant will confer with the DISTRICT to ascertain Project requirements, finances, schedules, and other pertinent matters and shall meet with other concerned agencies and parties on matters affecting the Project and shall arrive at a mutual understanding of such matters with the DISTRICT. It is anticipated that there will be a maximum of 1 meeting with the DISTRICT at the Project location.

1.2 Prepare Project Scope of Work and Proposal

This task includes preparing the scope of work and fee proposal and negotiating the contract, scope, and fee with the DISTRICT. This also includes coordination with subconsultants for scopes and fees, if required by CONSULTANT to complete the work.

2.0 PREPARE CONTRACT AND SUBCONTRACTS

Under this task CONSULTANT will prepare the Consultant-DISTRICT contract and any necessary subconsultant contracts CONSULTANT will use for the Project.

3.0 PROJECT COORDINATION AND ADMINISTRATION

3.1 PROJECT COORDINATION

Consultant will coordinate with the design team, DISTRICT, subconsultants, and other applicable agencies to complete the tasks associated with this scope. Monthly progress meetings will be held with the design team, MHV, and the DISTRICT. It is anticipated that there will be a maximum of three (3) virtual meetings with DISTRICT.

3.2 GENERAL ADMINISTRATION

Consultant will provide general administration during the design, document preparation, and bidding process, as applicable. Consultant will assign a Project Manager (PM) to this Project to monitor continuity through the phases of work, as described in this scope. The Project Manager will be responsible for work performed by the Project Team. The Project Manager's responsibilities will include, but not be limited to, the following:

- a. Define tasks, schedules, and costs.
- b. Monitor work progress and address problems / issues that may arise.
- c. Maintain up-to-date schedules.

- d. Coordinate with the DISTRICT to receive their input, address their concerns, keep them informed regarding status, obtain their concurrence on scope, cost, and schedule; and obtain their input and approval of concepts and Final Design.
- e. Focus the efforts of the Consultant and subconsultants to expedite the design of a quality, cost effective Project that meets the needs of the DISTRICT.
- f. Maintain quality control on all work of the Consultant and subconsultants. Implement and monitor a program of Quality Control (QC) and Quality Assurance (QA).
- g. Prepare invoices to submit to the DISTRICT in accordance with the DISTRICT's standard invoice requirements.

4.0 GRANT APPLICATION AND ADMINISTRATION – NIC

Grant Application not required for this project.

PHASE 1 DELIVERABLES

- 1) Draft Scope of Services – Two (2) copies
- 2) Final Scope of Services – One (1) original
- 3) Executed Contract – Three (3) originals

Phase 2. Preliminary Design

5.0 TOPOGRAPHICAL SURVEYING

5.1. Coordination to Collect Existing Data and Locate Existing Facilities and Utilities

Consultant will coordinate the collection of existing data and locate known utilities. This task includes collection and review of as-built plans and available existing survey information in order to gather information on existing topography, facilities, and utilities. This also includes coordination for field utility locates with DISTRICT. The Consultant will coordinate with field survey crews to establish survey limits, coordinate access, establish survey schedule, and provide available survey control information.

5.2. Survey Control

Survey control will be established and used for design surveys. The Consultant will provide a drawing showing the location of the existing or established control for the Project. The Consultant will coordinate necessary bench loop and traverse procedures to verify accuracy of vertical and horizontal control points. If applicable, the Consultant will establish runway end coordinates and runway centerline alignments, and tie these into the Project survey control.

5.3. Field Work (Subconsultant PSOMAS)

Limits of survey work are shown on an attached site plan (Refer to Attachment 3).

The Consultant's subconsultant will perform a field topographic survey of the Project site of the Airport improvement areas that include the information as listed below:

- a. Survey control point data for the plan set (minimum of 3) for Contractor layout.

- b. Taxilane pavement sections every 50 feet, each section shall include a total of nine (9) shots including: edge of hangar, edge of concrete slab, valley gutter lips and flowline and pavement grade breaks (Refer to Sample Cross Section in Attachment 3)
- c. Existing utility valves, pull boxes, manholes, hose bibs, fire hydrants within the Project area.
- d. Obtain existing ground elevations shots between hangars and identify any existing flowlines at every hangar corner.
- e. Obtain drop-down, inverts and pipe sizes and direction of storm drain lines.
- f. A CAD file with the surveyed data will be required.
- g. Preparation of a Digital Terrain Model (DTM) is not net necessary for this Project. Provide the survey point data to Mead & Hunt for preparation of a DTM.
- h. Provide hard copies of topographic survey stamped and sealed by a Professional Licensed Surveyor.

5.4. Convert Survey Data for Design Software

This work includes analyzing the topographical surveying data and preparing the data for use with computer modeling. Included are the following separate tasks:

- a. Establish design coordinates and alignments to be used for CAD drawings.
- b. Input raw survey data into the computer program in order to sort data into company standard layers for efficient analyzing.
- c. Verify survey data from previous project with latest field survey.
- d. Sort all data points by layers and description for computer modeling.
- e. Verify surveyor horizontal and vertical control.
- f. Prepare digital terrain model (DTM) of existing ground contours, pavement edges, roadways, electrical equipment, drainage features, buildings, fences, and other miscellaneous entities.
- g. Generate three-dimensional contour model from the DTM.
- h. Prepare and process data for pavement profiles, grading and/or paving cross sections, and drainage features.

6.0 GEOTECHNICAL INVESTIGATION

6.1 Coordination for Geotechnical Work

This task includes data collection, review of as-built plans, and compiling available existing geotechnical information in order to gather information on existing soil conditions and past geotechnical or pavement test results. Coordination will be done with the geotechnical sub-consultant to schedule work and establish any work constraint parameters.

6.2 Establish Project Testing Requirements

The Consultant will determine the type and frequency of geotechnical testing required for the Project. The testing shall consider such items as pavement type, design methodology, type of wheel loading, and weight of design aircraft (small weight class aircraft weighing 12,500 lbs or less). The Consultant will use this information to perform the following tasks:

- a. Determine soil boring locations and frequency of testing.
- b. Develop a Project sketch showing location and coordinates of borings.
- c. Determine soil sampling locations and types of soils testing required.

6.3 Field Work and Laboratory Testing (TWINING INC.)

The geotechnical field work and laboratory testing will be coordinated and performed by Twining Inc. as a subconsultant to the Consultant. The geotechnical field work and laboratory testing shall include the following:

- a. A total of Nine 9 boring locations and Six 6 pavement coring locations were estimated for basis of preparing the proposal. Borings to be at a depth of 10 feet below existing ground surface. The pavement cores shall be deep enough to identify the existing pavement section inclusive of bound and unbound layers. A drawing showing the approximate boring and coring locations is included as Attachment 4.
- b. Develop a graphic log of soil borings conducted to a depth of 10 feet. The log should include location, date performed, type of exploration, depth of materials, sample identification numbers, classification, water table, and standard penetration tests.
- c. Run 3 gradation and fractured faces tests on existing aggregate base.
- d. Run 3 gradation tests on existing subgrade soils.
- e. Classify soils by the Unified Soil Classification (USC) method.
- f. Determine Liquid Limit, Plastic Limit, and Plasticity Index of Soils.
- g. Perform California Bearing Ratio tests at 95% and 100% compaction for 4 representative soil samples per ASTM D 1883.
- h. Perform 5 in-situ density tests of the top 1-foot of subgrade.
- i. Determine resistivity, pH, salinity, and alkalinity of the existing subgrade.
- j. Determine the shrink/swell potential of the in-situ subgrade materials.
- k. Provide recommendation for reconstruction for the preparations of the subgrade and for subgrade stabilization techniques by chemical mean (cement or lime treatment, percentage, and range of depth of stabilization). for purposes of the report, please recommend CBR and corresponding modulus of elasticity value for the chemically stabilized subgrade (based on FAA AC 150/5320-6F Conversion of Modulus of Elasticity $E=1500 \times \text{CBR}$) to preform pavement design. A total of four (4) CBR tests are assumed under this scope of work.

6.4 Analyze Data

After receiving the testing report from the geotechnical firm, the Consultant will analyze the data and any existing previous geotechnical data, consisting of the following tasks:

- a. Review geotechnical recommendations.
- b. Determine appropriate data for pavement design.
- c. Prepare pavement data and soil information for incorporation onto plan sheets.
- d. Evaluate existing pavement sections for potential recycling and reuse.

6.5 Prepare Proposed Pavement Design Alternatives

The Consultant will use the information obtained in the geotechnical investigation to determine the pavement sections required to support the design vehicle or aircraft using FAA Advisory Circular 150/5320-6F, Airport Pavement Design and Evaluation. Particular consideration will be given to reusing existing material when practical and minimizing construction material off haul as part of the design.

The following efforts will be completed under this task:

- a. Verify the pavement section based on accepted FAA pavement design procedures. The applicable design program to be used will be the most current version of FAARFIELD. Develop pavement design alternatives and make recommendations as to the most practicable pavement section and/or rehabilitation alternative. Perform pavement design calculation with a total of up to one (1) pavement design alternatives and one (1) full reconstruction alternatives.
- b. Calculate sub-excavation, undercutting, and other techniques for subgrade stabilization. (full reconstruction alternative only)
- c. Review proposed pavement analysis with FAA Engineer during the review meeting included at the completion of this element.
- d. Prepare pavement design narrative to describe the design procedure, historic design, and justification for the DISTRICT.

7.0 PREPARE PLAN SHEETS FOR PRELIMINARY SUBMITTAL

7.1 Project Layout Sheet

Consultant will complete a Project Layout Sheet that will depict the proposed improvements.

7.2 Plan Sheets

Preliminary plan sheets will be prepared depicting the proposed improvements. The following is a general list of the drawings that will be used as a guideline:

- General Plans (4 Sheets)
- Construction Safety and Phasing Plans (2 Sheets)
- Demolition Plans (4 Sheets)
- Taxilanes Paving Plans (4 Sheets)
- Grading and Drainage Plans (4 Sheet)
- Marking Plans (4 Sheets)

8.0 PLANNING ANALYSIS – NIC

Planning analysis is not included as part of this Project.

9.0 PREPARE FAA PAVEMENT DESIGN REPORT AND FAA FORM 5100.

This task will consist of using information obtained in the geotechnical investigation to calculate the required pavement sections required to support the design vehicle or aircraft using FAA Advisory Circular 150/5320-6F, *Airport Pavement Design and Evaluation*.

The following efforts will be completed under this task:

- a. Determine critical design aircraft or vehicle based on current and forecasted aircraft fleet mix and vehicular use.
- b. Verify the pavement section based on accepted FAA pavement design programs. The applicable design program to be used is FAARFIELD.
- c. Calculate sub-excavation, undercutting, and other techniques for subgrade stabilization, if necessary.
- d. Prepare pavement design narrative to describe the design procedure, historic design, and justification for the DISTRICT.

10.0 PREPARE PRELIMINARY SURFACE DRAINAGE ANALYSIS

Preliminary surface drainage design will be completed in accordance with standard engineering practices, local requirements, and in accordance with the FAA Advisory Circular 150/5320-5D, *Airport Drainage Design*.

11.0 PREPARE PRELIMINARY COST ESTIMATE

11.1 Calculate Estimated Preliminary Quantities

The Consultant will calculate necessary quantities for the various work items. Quantities will be consistent with the specifications and acceptable quantity calculation practices.

11.2 Prepare Preliminary Cost Estimate

The Consultant will provide a preliminary cost estimate based on record cost data and similar work. Cost estimate shall be included in the Preliminary Design Report.

12.0 PREPARE PRELIMINARY DESIGN REPORT (PDR)

To document the results of a preliminary design, a PDR will be prepared. The report will include the summary of the Project scope, geometrics, pavement design, drainage design, pavement marking, construction phasing plans, and a Project schedule. The report will also contain details on alternative design concepts that were investigated as part of the preliminary design effort and recommendations on which alternatives to pursue. An analysis of the impacts of construction on airport operations will be included, as well as the Engineer's cost estimate. This report will also discuss budget, strategies for bidding the Project and potential use of bid alternates. The information will be presented in letter report format for review by the DISTRICT.

13.0 PREPARE FAA FORM 7460

Consultant will complete a notice of proposed construction or alteration (form 7460) as per FAA guidelines and will send the form to the DISTRICT to be submitted to the FAA.

14.0 PHASE 2 PROJECT MEETINGS

The Consultant will arrange and lead meetings during Phase 2 of this scope, as described in the subtasks below. The Consultant will produce drawings and handouts, as needed, to conduct each meeting and will prepare minutes to document the discussions.

14.1 Present Preliminary Design Alternatives and Recommendations to Airport

The Consultant will prepare for and conduct a meeting at the Airport to present the findings of the preliminary engineering phase and any alternatives and recommendations for the Project.

PHASE 3 DELIVERABLES

Prior to the completion of Phase 2 scope of work, the Consultant will deliver the following information to the DISTRICT:

- 1) Geotechnical Report – One (1) hard copy and One (1) Digital copy
- 2) Plans in support of preliminary design – One (1) hard copy and One (1) digital copy
- 3) Preliminary Design Report – One (1) hard copy and One (1) digital copy
- 4) FAA Form 7460 – One (1) hard copy and One (1) digital copy

Phase 3. Final Design (95% and Final)

15.0 PREPARE PLANS

Plan sheets will be prepared depicting the proposed improvements as indicated under Project Description. The following is a general list of drawings that will be used as a guideline. Actual number and title of drawings may be modified during the design phase, as required.

General:

- G-001 Cover Sheet
- G-002 Sheet Index and Symbols
- G-003 Symbols, General Notes and Legend and Abbreviations
- G-021 Project Layout Plan
- G-041 Survey Control Plan

Construction Safety and Phasing:

- G-081 Construction Safety and Phasing Plans (2 Sheets)
- G-086 Construction Safety and Phasing Details (1 Sheet)

Geotechnical:

- B-051 Plan and Log of Soil Borings (4 Sheets)

Civil:

General

- C-011 Existing Conditions (4 Sheets)
- C-021 Erosion Control Plans (4 Sheets)
- C-031 Erosion Control Details (1 Sheet)
- C-051 Demolition Plans (4 Sheets)
- C-061 Demolition Details (1 Sheet)

Site

- C-101 Taxilanes Paving Plans (4 Sheets)
- C-201 Taxilanes Paving Profiles (2 Sheets)
- C-301 Typical Sections (1 Sheet)
- C-311 Taxilanes Paving Details (1 Sheet)
- C-401 Grading and Drainage Plans (4 Sheet)
- C-411 Grading and Drainage Details (2 Sheets)

Storm Drain

- C-441 Plan and Profiles
- C-451 Drainage Details

Marking

- C-651 Marking Plans (4 Sheets)
- C-671 Marking Details (1 Sheet)

16.0 PREPARE SPECIFICATIONS

The Consultant will assemble the specifications and bid documents, as stated below, for DISTRICT to use in obtaining competitive bids for the work. Documents shall meet current FAA Standards for Airport Improvement Program (AIP) funded projects and incorporate DISTRICT specifications / provisions as necessary.

16.1 Prepare Bidding and Contract Documents

The Consultant will prepare bidding and contract documents including, but not limited to, Invitation for Bids (Notice to Bidders), Instruction to Bidders, Proposal (Bid Form), List of Subcontractors, DBE Requirements, Suspension and Debarments Requirements, Sample Construction Contract/Agreement, Bid Bond, Performance Bond, and Payment Bond.

16.2 Required Federal Provisions – NIC

There are no required Federal Provisions as the Project is not federally funded.

16.3 FAA General Provisions (Advisory Circular 150-5370-10H) – NIC

There are no required FAA General Provisions as the Project is not federally funded..

16.4 DISTRICT General Provisions

Consultant will incorporate Owner-specific General Provisions and incorporate these General Provisions into the Bid Package.

16.5 Prepare Special Provisions for Airport Construction

The Consultant will prepare Special Provisions to address, or expand on, conditions specific to construction on MHV that require additional clarification. They will include (as applicable), but are not limited to the following items:

- General Safety Requirements, Airfield Safety and Traffic Control
- Time Limitations
- Liquidated Damages
- Barricades and Runway Closure Markers
- Radio Communication
- Access and Security
- Work Hour Limitations
- SWPPP Requirements and guidance for Contractor

16.6 Prepare Technical Specifications

The Consultant will prepare Technical Specifications using FAA Standard Specifications and FAA Specification format. For work not covered by FAA Standards, "Greenbook", or Caltrans Standard Specifications may be used.

Technical Specifications shall include, but not limited to, the following:

- P-101 Preparation / Removal of Existing Pavements
- P-151 Clearing and Grubbing
- P-152 Excavation, Subgrade, and Embankment
- P-153 Controlled Low-Strength Material (CLSM)
- P-209 Crushed Aggregate Base Course
- P-401 Asphalt Mix Pavement
- P-403 Asphalt Mix Pavement Base Course
- P-602 Emulsified Asphalt Prime Coat
- P-603 Emulsified Asphalt Tack Coat
- P-608 Emulsified Asphalt Seal Coat
- P-620 Runway and Taxiway Marking
- D-701 Pipe for Storm Drains and Culverts
- D-751 Manholes, Catch Basins, Inlets, and Inspection holes

17.0 PREPARE FINAL SURFACE DRAINAGE ANALYSIS AND FINAL STORM DRAIN DESIGN

Using the findings from the preliminary drainage analysis completed in Phase 2, a final surface drainage and storm sewer design will be completed in accordance with standard engineering practices, local requirements, and the FAA Advisory Circular 150/5320-5D, *Airport Drainage Design*.

18.0 PREPARE LIGHTING LAYOUT AND CIRCUIT CALCULATIONS – NIC

Lighting layout and circuit calculation not included in this scope.

19.0 UPDATE AIRPORT SIGNING AND MARKING PLAN – NIC

Update of airport signing and marking plan is not included in this scope.

20.0 EROSION CONTROL PLAN

The Consultant will develop an Erosion Control Plan for the Project that is in general conformance with BAT (Best Available Technology) management practices. The plan will detail types of erosion control measures recommended for the site in addition to other information needed for the NPDES permitting application. The Contractor shall prepare the SWPPP. This information shall include, but not limited to:

- a. Project Location
- b. Size of Disturbance of Project
- c. Amount of Impervious Surface
- d. Hydrologic Classification of Site
- e. Receiving Waters

f. Site Drainage Overview

21.0 PREPARE SPONSOR CERTIFICATIONS, AND MODIFICATION OF AIRPORT CONSTRUCTION STANDARDS – NIC

Not included in this scope.

22.0 PREPARE 95% SUBMITTAL

Based on DISTRICT's written review comments on the preliminary design submittal, Consultant will prepare 95% engineering and design of Project. This work will include:

- a. Prepare and submit 95% plans.
- b. Prepare and submit 95% specifications and bid documents.
- c. Prepare and submit 95% cost estimate.
- d. Perform internal QA/QC for all documents included in the 95% submittal.
- e. Conduct 95% review meeting with the DISTRICT to go over submitted data and discuss schedule for upcoming submittals.

23.0 PREPARE AND SUBMIT FINAL PLANS AND SPECIFICATIONS

A final set of plans, specifications, and contract documents will be prepared that will incorporate revisions, modifications, and corrections determined during the DISTRICT's review of the ninety-five percent (95%) submittal.

24.0 PREPARE AND SUBMIT FINAL COST ESTIMATE

24.1 Calculate Estimated Final Quantities.

24.2 Prepare Final Cost Estimate.

Using the final quantities calculated following the completion of the plans and specifications, the Consultant will prepare the final construction cost estimate. The estimate will be based on information obtained from previous projects, contractors, material suppliers, and other databases available.

25.0 PREPARE AND SUBMIT ENGINEER'S DESIGN REPORT (EDR)

Prepare the Engineer's Design Report in conformance with FAA requirements. The report will include a summary and explanation of the Project design including geometrics, pavement and electrical design, drainage design, pavement marking, environmental issues, phasing plans, and a Project schedule, and Engineer's cost estimate. The report will also contain any alternative design concepts that were investigated and evaluated. The report will include (as applicable), but may not be limited to, the following:

- a. Project Scope
- b. Design Standards
- c. Topographic Survey Summary
- d. Geotechnical Investigation Summary (report included as an Appendix)
- e. Design Geometrics (reference Federal Advisory Circular 150/5300-13A)
- f. Pavement Design Analysis (reference Federal Advisory Circular 150/5320-6E)

- g. Drainage Considerations
- h. Electrical Considerations
- i. Utility Considerations
- j. Pavement Marking Considerations
- k. Airport Operational Safety (reference Federal Advisory Circular 150/5370-2F)
- l. Construction Estimate
- m. Project Schedule and Construction Phasing

26.0 PREPARE A CONSTRUCTION SAFETY AND PHASING PLAN

Prepare Construction Safety and Phasing Plan (CSPP) in conformance with FAA Standards and AC 150/5370-2G, *Operational Safety on Airports During Construction*. The CSPP will be uploaded to the FAA online portal for review and approval. The final CSPP will be included in the Bid Document package and will include the following information:

- a. Overview & Purpose
- b. Construction Safety Responsibility of Each Party
- c. Construction Phasing, including (but not limited to):
 - Phasing and time limitations
 - Areas and operations affected by construction
 - Wildlife management
 - Hazardous materials management
 - Inspection requirements
 - Marking and signs for access routes
 - Protection of runway and taxiway critical areas
 - Safety plan compliance document
- d. Construction Safety and Phasing Plan Sheet(s)

27.0 PHASE 3 PROJECT MEETINGS

The Consultant will arrange and lead the meetings as described below. The Consultant will produce drawings and handouts, as needed, to conduct each meeting and shall issue minutes to document the discussion. The following meetings are included in Phase 3:

- a. 95% Submittal review meeting (1)
- b. Coordination meeting with DISTRICT (1)

PHASE 3 DELIVERABLES

During the Phase 3 design effort, the Consultant will deliver all of the following information to the DISTRICT:

- 1) 95% Plans, Specifications, and Contract Documents – One (1) hard copy and One (1) digital copy
- 2) 95% Engineer's Design Report – One (1) hard copy and One (1) digital copy

- 3) Final Plans, Specifications and Contract Documents – One (1) camera-ready set of full and half size plans, one (1) camera-ready set of original Contract Documents, and electronic files of all documents.
- 4) Final Engineer’s Design Report – One (1) hard copy and One (1) digital copy
- 5) Construction Safety and Phasing Plan – Electronic. (Copies of the final CSPP will be included as in the Specifications Bid Book.)

Phase 4. Bid Administration

28.0 PREPARE ADVERTISEMENT FOR BIDS

Required advertisement dates and bidding dates will be established. Consultant will prepare the Advertisement in conformance with FAA and local standards and submit a copy of the advertisement to the DISTRICT. The DISTRICT shall arrange for the legal advertising in conformance with local standards and shall pay for the associated cost of advertising.

29.0 BID DOCUMENTS DISTRIBUTION

Consultant will prepare and upload Contract Documents to Quest Construction Data Network (QuestCDN.com). Contractors interested in bidding on the Project can register and pay a fee (approximately \$15) to download the Contract Documents. Bidders will be responsible for submitting their bids to DISTRICT similar to previous projects.

30.0 RESPOND TO BIDDERS QUESTIONS

During the bidding process, the Consultant will be available to clarify bidding issues with contractors and suppliers, and for consultation with the various entities associated with the Project. It is expected that, due to the on-going Covid-19 pandemic, there will be two (2) RFI deadlines (similar to the recently bid Taxiway C Rehabilitation Project). A first round of RFIs will be answered by addenda shortly after the pre-construction meeting, and a second round of RFIs will be answered prior to the bid-opening. All responses to RFIs will be through the QuestCDN system.

31.0 PREPARE AND DISTRIBUTE ADDENDA

Consultant will prepare up to three (3) bid addenda as appropriate to interpret, clarify, or change the bidding documents as required by DISTRICT. Addenda will be made available to the plan holders electronically via QuestCDN. Two addenda are in response to the RFI deadlines above, and an additional addendum is included as well, based on the complexity of the Project.

32.0 PRE-BID CONFERENCE

Consultant will arrange for and conduct a Pre-Bid Conference. Consultant’s Project Manager and Project Engineer will attend and lead the Pre-Bid Conference with potential contractors and the DISTRICT to review the Project and answer questions. The conference will be conducted at the Airport and will include a site inspection. Due to the on-going pandemic, the meeting will also be conducted through an online system such as Microsoft Teams. A Meeting agenda will be prepared for use at the meeting.

33.0 BID OPENING

Consultant will attend the bid opening at the site, as identified in the Bid Advertisement and process the bid documents.

34.0 BID REVIEW AND BID TABULATION

Consultant will advise the DISTRICT as to the completeness of the apparent low-bid and to the acceptability of substitute materials, equipment, or methodology proposed by bidders. The Consultant will prepare a spreadsheet that includes all bid items for the purpose of evaluating the lowest bidder. The Consultant will input the as-bid unit prices into the spreadsheet and verify mathematical computations of the bids. The Consultant will then provide the name of the Apparent Low Bidder and post a Notice of Apparent Low Bidder to QuestCDN.

35.0 PREPARE RECOMMENDATION FOR AWARD

The Consultant will prepare a Recommendation of Award for the DISTRICT to accept or reject the bids as submitted. If rejection is recommended, the Consultant will supply an explanation for their recommendation and possible alternative actions that the DISTRICT can pursue to complete the project. After the DISTRICT's final review and selection of a Contractor, Consultant will post a final Notice of Award to QuestCDN .

PHASE 4 DELIVERABLES

- 1) Bid Set of Documents –one (1) set as required for bidding and electronic files.
- 2) Bid Tabulation – One (1) copies and electronic files.
- 3) Recommendation for Award – One (1) copy and electronic files.
- 4) Construction Set of Plans & Specs – Two (2) copies.

EXCLUDED SERVICES

The following services are not included in this Scope of Services and if added to the Consultant's work, will be considered extra services:

- 1) Any costs associated with public notifications / bid advertisements
- 2) Public outreach and coordination
- 3) Environmental Analysis
- 4) Compliance with FAA grading and geometric requirements for Taxilanes
- 5) Drainage analysis/investigation inside Hangars structures
- 6) Subsurface utility investigation
- 7) Building foundation assessment
- 8) Any fees, easements, or permit fees from State, County, utility companies, and others.
- 9) Modifications to Standards
- 10) Reimbursable Agreement
- 11) Construction Administration Services
- 12) Repackaging of unawarded bid alternates
- 13) Any relocation or diversion of existing utilities
- 14) Any services not covered under this Scope of Services.

SCHEDULE OF COMPLETION

- 1) The Consultant will complete the work called for under Phase 2 – Preliminary Design within fifty (50) working days from the date the DISTRICT issues the Notice to Proceed with the work.
- 2) The Consultant will complete the 95% submittal detailed in Phase 3 – Final Design within fifty (50) working days of receipt of DISTRICT's review comments on the 60% submittal.
- 3) The Consultant will complete the final Engineer's Design Report and final Bid Documents for use in bidding within twenty (20) working days of the receipt of DISTRICT review comments on the 95% submittal.

COMPENSATION FOR SERVICES

- 1) Payment for work outlined in Scope of Services, Phase 1, 2, 3, and 4 shall be a fixed fee of Two Hundred Seventy-seven Thousand One Hundred and Thirty-two (\$277,132) dollars. This fee shall include labor, materials, expenses, and incidentals necessary to complete the work as described herein. An Engineering Services Cost Estimate is included as *Attachment 1* to this Scope of Services. Payments will be made monthly based on the percentage of work complete.
- 2) Payment for any additional services requested by the DISTRICT will be performed on a time-and-expense basis in conformance with the Mead & Hunt, Inc. Standard Billing Rate Schedule (2021) included as *Attachment 2* to this Scope of Services. The Consultant will establish the budget for additional services prior to the start of work and may not exceed the budget without written authorization from the DISTRICT. Any additional services must be authorized in writing by the DISTRICT.

Attachments:

- 1 – *Engineering Design Services Cost Estimate*
- 2 – *Mead & Hunt, Inc. Standard Billing Rate Schedule (2021)*
- 3 – *Project Boundary and Survey Limits*
- 4 – *Boring and Coring Locations*

Aviation Services Design Engineering Cost Estimate

AIRPORT: Mojave Air and Space Port
LOCATION: Mojave, CA

AIP PROJECT NO. N/A

PROJECT DESCRIPTION: General Aviation Pavement Reconstruction and Drainage Improvements

ATTACHMENT 1

PROJECT NUMBER:
DATE: 5/27/21
REV. NO:

PHASE 1 - PROJECT ADMINISTRATION AND COORDINATION		ENGINEERING FEES
1.0	Project Scoping	\$ 6,008.00
2.0	Prepare Contract and Sub-Contracts	\$ 2,952.00
3.0	Project Coordination & Administration	\$ 4,384.00
4.0	Grant Application and Administration - NIC	\$ -
	Expenses	\$ 300.85
TOTAL PHASE 1 - PROJECT ADMINISTRATION AND COORDINATION		\$ 13,644.85
PHASE II - PRELIMINARY DESIGN		
5.0	Topographic Surveying	\$ 4,722.00
6.0	Geotechnical Investigation	\$ 4,753.00
7.0	Prepare Plan Sheets for Preliminary Submittal	\$ 20,982.00
8.0	Planning Analysis - NIC	\$ -
9.0	Prepare FAA Pavement Design Report and FAA Form 5100	\$ 2,478.00
10.0	Prepare Preliminary Surface Drainage Analysis	\$ 3,696.00
11.0	Prepare Preliminary Cost Estimate	\$ 7,276.00
12.0	Prepare Preliminary Design Report	\$ 3,576.00
13.0	Prepare FAA Form 7460	\$ 1,504.00
14.0	Phase 2 Project Meetings	\$ 3,034.00
	Expenses	\$ 648.80
TOTAL PHASE II - PRELIMINARY DESIGN		\$ 52,669.80
PHASE III - FINAL DESIGN		
15.0	Prepare Plans	\$ 74,442.00
16.0	Prepare Specifications	\$ 10,028.00
17.0	Prepare Final Surface Drainage Analysis and Final Storm Drain Design	\$ 7,500.00
18.0	Prepare Lighting Layout and Circuit Calculations - NIC	\$ -
19.0	Update Airport Signing and Marking Plan - NIC	\$ -
20.0	Erosion Control Plan	\$ 2,728.00
21.0	Prepare Certification of Engineering and Modification of Standards - NIC	\$ -
22.0	Prepare 95% Submittal	\$ 6,384.00
23.0	Prepare and Submit Final Plans and Specifications	\$ 5,390.00
24.0	Prepare and Submit Final Cost Estimate	\$ 3,560.00
25.0	Prepare and Submit Final Engineers Design Report	\$ 2,816.00
26.0	Prepare Construction Safety and Phasing Plan	\$ 3,796.00
27.0	Phase 3 Project Meetings	\$ 2,034.00
	Expenses	\$ 848.80
TOTAL PHASE III - FINAL DESIGN		\$ 119,526.80
PHASE IV - BID ADMINISTRATION		
28.0	Prepare Advertisement for Bids	\$ 1,608.00
29.0	Bid Documents Distribution	\$ 2,228.00
30.0	Respond to Bidders Questions	\$ 1,926.00
31.0	Prepare and Distribute Addendums	\$ 2,538.00
32.0	Pre-Bid Conference	\$ 2,932.00
33.0	Bid Opening	\$ 1,582.00
34.0	Bid Review and Bid Tabulation	\$ 1,576.00
35.0	Prepare Recommendation for Award	\$ 898.00
	Expenses	\$ 648.80
TOTAL PHASE IV - BIDDING PHASE		\$ 15,936.80
TOTAL MEAD & HUNT FEES		\$ 201,778.25
TOTAL DIRECT SUBCONSULTANT FEES		\$ 75,353.75
TOTAL PROJECT FEES		\$ 277,132.00

DIRECT SUB CONSULTANTS FEES	
Additional Topographic Surveying (for Design)	\$ 42,193.50
Additional Geotechnical Investigation (for Design)	\$ 33,160.25
Cultural and Biological Field Investigations	\$ -
Expenses	\$ -
TOTAL DIRECT SUB CONSULTANTS	\$ 75,353.75

Item No.	Senior Associate	Senior Project Engineer	Project Engineer	Senior Engineer	Engineer III	Engineer II	Sr. CAD Technician	Administrative Assistant	Clerical	Total Hours	Cost Summary
PHASE 1 - PROJECT ADMINISTRATION AND COORDINATION											
1.0	Project Scoping										
1.1	Preliminary meetings with the Sponsor	0	6	6	0	0	0	2	0	14	\$ 3,004.00
1.2	Prepare project scope of work and proposal	0	6	6	0	0	0	2	0	14	\$ 3,004.00
	Estimated Total Man-hours	0	12	12	0	0	0	4	0	28	
	Summary Costs	\$0.00	\$3,024.00	\$2,544.00	\$0.00	\$0.00	\$0.00	\$440.00	\$0.00		\$ 6,008.00
2.0	Prepare Contract and Sub-Contracts										
	Estimated Total Man-hours	2	6	4	0	0	0	4	0	16	\$ 2,952.00
	Summary Costs	\$0.00	\$504.00	\$1,272.00	\$736.00	\$0.00	\$0.00	\$440.00	\$0.00		\$ 2,952.00
3.0	Project Coordination & Administration										
3.1	Project Coordination		6	8	4			4			\$ 4,384.00
3.2	General Administration		2	8	4			6			\$ 3,596.00
	Estimated Total Man-hours	0	6	8	4	0	0	4	0	0	
	Summary Costs	\$0.00	\$1,512.00	\$1,696.00	\$736.00	\$0.00	\$0.00	\$440.00	\$0.00		\$ 4,384.00
4.0	Grant Application and Administration - NIC										
	Estimated Total Man-hours	0	0	0	0	0	0	0	0	0	\$ -
	Summary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ -
	Estimated Total Man-hours	0	0	0	0	0	0	0	0	0	\$ -
	Summary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$ -
Expenses											Rate
	Subconsultant	0	0	0	0	0	0	0	0	0 Days	\$ -
	Auto Rental	0	0	0	0	0	0	0	0	0 Days	\$ -
	Mileage	0	0	0	0	0	0	0	0	0 Miles	\$ -
	Lodging	0	0	0	0	0	0	0	0	0 Days	\$ -
	Airline Costs	0	0	0	0	0	0	0	0	0 Trips	\$ -
	Meals	0	0	0	0	0	0	0	0	0	\$ -
	Trips	0	0	0	0	0	0	0	0	0 Days	\$ -
	Miscellaneous	0	0	0	0	0	0	0	0	0 Days	\$ -
	Reprographics	0	0	0	1	0	0	0	0	1	\$ 300.85
	Other	0	0	0	0	0	0	0	0	0	\$ -
	Other	0	0	0	0	0	0	0	0	0	\$ -
Total Expenses											\$ 300.85
PHASE 1 - PROJECT ADMINISTRATION AND COORDINATION TOTAL											\$ 13,644.85

Item No.	Senior Associate	Senior Project Engineer	Project Engineer	Senior Engineer	Engineer III	Engineer II	Sr. CAD Technician	Administrative Assistant	Clerical	Total Hours	Cost Summary
		\$252.00	\$212.00	\$184.00	\$155.00	\$145.00	\$180.00	\$110.00			

PHASE 2 - PRELIMINARY DESIGN												
5.0	Topographic Surveying											
5.1	Coordination (collect existing data, locate utilities)	0	0	2	0	4	4	1	0	0	11	\$ 1,804.00
5.2	Survey control	0	0	0	1	2	2	0	0	0	5	\$ 784.00
5.3	Field work (subconsultant)	0	0	0	0	0	0	0	0	0	0	\$ -
5.4	Convert survey data for design software	0	0	0	1	0	6	6	0	0	13	\$ 2,134.00
	Estimated Total Man-hours	0	0	2	2	6	12	7	0	0	29	
	Summary Costs	\$0.00	\$0.00	\$424.00	\$368.00	\$930.00	\$1,740.00	\$1,260.00	\$0.00	\$0.00		\$ 4,722.00
6.0	Geotechnical Investigation											
6.1	Coordination to schedule geotechnical work	0	0	0	1	0	4	0	0	0	5	\$ 764.00
6.2	Establish project testing requirements	0	0	0	2	1	2	0	0	0	5	\$ 813.00
6.3	Field work (subconsultant)	0	0	0	0	0	0	0	0	0	0	\$ -
6.4	Analyze data	0	0	0	2	4	0	0	0	0	6	\$ 988.00
6.5	Proposed Pavement Design Alternatives	0	0	1	4	8	0	0	0	0	13	\$ 2,188.00
	Estimated Total Man-hours	0	0	1	9	13	6	0	0	0	29	
	Summary Costs	\$0.00	\$0.00	\$212.00	\$1,656.00	\$2,015.00	\$870.00	\$0.00	\$0.00	\$0.00		\$ 4,753.00
7.0	Prepare Plan Sheets for Preliminary Submittal											
7.1	Project Layout Sheet	0	0	1	4	10	16	24	0	0	55	\$ 9,138.00
7.2	Plan Sheets	0	0	1	8	12	20	30	0	0	71	\$ 11,844.00
	Estimated Total Man-hours	0	0	2	12	22	36	54	0	0	126	
	Summary Costs	\$0.00	\$0.00	\$424.00	\$2,208.00	\$3,410.00	\$5,220.00	\$9,720.00	\$0.00	\$0.00		\$ 20,982.00
8.0	Planning Analysis - NIC											
	Estimated Total Man-hours	0	0	0	0	0	0	0	0	0	0	\$ -
	Summary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$ -
9.0	Prepare FAA Pavement Design Report and FAA Form 5100											
	Estimated Total Man-hours	0	0	1	4	8	2	0	0	0	15	\$ 2,478.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$736.00	\$1,240.00	\$290.00	\$0.00	\$0.00	\$0.00		\$ 2,478.00
10.0	Prepare Preliminary Surface Drainage Analysis											
	Estimated Total Man-hours	0	0	1	6	6	10	0	0	0	23	\$ 3,696.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$1,104.00	\$930.00	\$1,450.00	\$0.00	\$0.00	\$0.00		\$ 3,696.00
11.0	Prepare Preliminary Cost Estimate											
11.1	Calculate estimated preliminary quantities	0	0	1	4	8	10	0	0	0	23	\$ 3,638.00
11.2	Prepare preliminary cost estimate	0	0	1	4	8	10	0	0	0	23	\$ 3,638.00
	Estimated Total Man-hours	0	0	2	8	16	20	0	0	0	46	
	Summary Costs	\$0.00	\$0.00	\$424.00	\$1,472.00	\$2,480.00	\$2,900.00	\$0.00	\$0.00	\$0.00		\$ 7,276.00
12.0	Prepare Preliminary Design Report											
	Estimated Total Man-hours	0	1	2	10	4	0	0	4	0	21	\$ 3,576.00
	Summary Costs	\$0.00	\$252.00	\$424.00	\$1,840.00	\$620.00	\$0.00	\$0.00	\$440.00	\$0.00		\$ 3,576.00
13.0	Prepare FAA Form 7460											
	Estimated Total Man-hours	0	2	0	0	2	4	0	1	0	9	\$ 1,504.00
	Summary Costs	\$0.00	\$504.00	\$0.00	\$0.00	\$310.00	\$580.00	\$0.00	\$110.00	\$0.00		\$ 1,504.00
14.0	Phase 2 Project Meetings											
14.1	Present preliminary design, alternatives and recommendations to airport	0	0	1	8	8	0	0	1	0	18	\$ 3,034.00
	Estimated Total Man-hours	0	0	1	8	8	0	0	1	0	18	
	Summary Costs	\$0.00	\$0.00	\$212.00	\$1,472.00	\$1,240.00	\$0.00	\$0.00	\$110.00	\$0.00		\$ 3,034.00
Expenses											Rate	
	Subconsultant	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Auto Rental	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Mileage	0	0	0	480	0	0	0	0	0	480 Miles	\$ 0.56 \$ 268.80
	Lodging	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Airline Costs	0	0	0	0	0	0	0	0	0	0 Trips	\$ -
	Meals	0	0	0	2	2	0	0	0	0	4	\$ 20.00 \$ 80.00
	Trips	0	0	0	0	0	0	0	0	0	0	\$ -
	Miscellaneous	0	0	0	0	0	0	0	0	0	0	\$ -
	Reprographics	0	0	0	1	0	0	0	0	0	1	\$ 300.00 \$ 300.00
	Other	0	0	0	0	0	0	0	0	0	0	\$ -
	Other	0	0	0	0	0	0	0	0	0	0	\$ -
Total Expenses											\$ 648.80	
PHASE 2 - PRELIMINARY DESIGN TOTAL											\$ 52,669.80	

Item No.	Senior Associate	Senior Project Engineer	Project Engineer	Senior Engineer	Engineer III	Engineer II	Sr. CAD Technician	Administrative Assistant	Clerical	Total Hours	Cost Summary	
		\$252.00	\$212.00	\$184.00	\$155.00	\$145.00	\$180.00	\$110.00				
PHASE 3 - FINAL DESIGN												
15.0	Prepare Plans											
	General											
	G-001 Cover Sheet	0	0	0.5	1	0	2	4	0	0	7.5	\$ 1,300.00
	G-002 Sheet Index and Symbols	0	0	0.5	1	0	2	4	0	0	7.5	\$ 1,300.00
	G-003 Symbols, General Notes and Legend and Abbreviations	0	0	0.5	1	0	2	4	0	0	7.5	\$ 1,300.00
	G-021 Project Layout Plan	0	0	0.5	1	0	4	4	0	0	9.5	\$ 1,590.00
	G-041 Survey Control Plan	0	0	0.5	1	0	3	4	0	0	8.5	\$ 1,445.00
	Construction Safety and Phasing											
	G-081 Construction Safety and Phasing Plans (2 Sheets)	0	0	0.5	2	6	0	8	0	0	16.5	\$ 2,844.00
	G-086 Construction Safety and Phasing Details (1 Sheets)	0	0	0.5	2	2	0	6	0	0	10.5	\$ 1,864.00
	Geotechnical											
	B-051 Plan and Log of Soil Borings (4 Sheets)	0	0	0.5	1	2	0	6	0	0	9.5	\$ 1,680.00
	Civil - General											
	C-011 Existing Conditions (4 Sheets)	0	0	1	4	0	8	16	0	0	29	\$ 4,988.00
	C-021 Erosion Control Plans (4 Sheets)	0	0	1	4	0	8	16	0	0	29	\$ 4,988.00
	C-031 Erosion Control Details (1 Sheet)	0	0	0.5	1	0	2	4	0	0	7.5	\$ 1,300.00
	C-051 Demolition Plans (4 Sheets)	0	0	1	4	12	0	20	0	0	37	\$ 6,408.00
	C-061 Demolition Details (1 Sheet)	0	0	0.5	1	3	0	6	0	0	10.5	\$ 1,835.00
	Civil - Site											
	C-101 Taxilanes Paving Plans (4 sheets)	0	0	1	8	16	8	16	0	0	49	\$ 8,204.00
	C-201 Taxilanes Paving Profiles (2 sheets)	0	0	1	4	8	4	8	0	0	25	\$ 4,208.00
	C-301 Typical Sections (1 sheets)	0	0	0.5	1	2	2	2	0	0	7.5	\$ 1,250.00
	C-311 Taxilanes Paving Details (1 sheets)	0	0	0.5	3	0	6	6	0	0	15.5	\$ 2,608.00
	C-401 Grading and Drainage Plans (4 Sheets)	0	0	1	6	10	12	18	0	0	47	\$ 7,846.00
	C-411 Grading and Drainage Details (2 Sheets)	0	0	0.5	2	0	4	8	0	0	14.5	\$ 2,494.00
	Storm Drain											
	C-441 Plan and Profiles (2 Sheets)	0	0	1	4	4	8	16	0	0	33	\$ 5,608.00
	C-451 Drainage Details (1 Sheet)	0	0	0.5	1	2	4	4	0	0	11.5	\$ 1,900.00
	Civil - Marking											
	C-651 Marking Plans (4 Sheets)	0	0	0.5	4	0	12	20	0	0	36.5	\$ 6,182.00
	C-671 Marking Details (1 Sheet)	0	0	0.5	1	0	2	4	0	0	7.5	\$ 1,300.00
	Estimated Total Man-hours	0	0	15	58	67	93	204	0	0	437	
	Summary Costs	\$0.00	\$0.00	\$3,180.00	\$10,672.00	\$10,385.00	\$13,485.00	\$36,720.00	\$0.00	\$0.00		\$ 74,442.00
16.0	Prepare Specifications											
	16.1 Prepare Bidding and Contract Documents	0	1	2	4	0	0	6	0	13	\$ 2,072.00	
	16.2 Prepare FAA Required Provisions - NIC	0	0	0	0	0	0	0	0	0	\$ -	
	16.3 Prepare FAA General Contract Provisions - NIC	0	0	0	0	0	0	0	0	0	\$ -	
	16.4 Prepare Misc. Provisions for Airport Construction	0	0	0	6	4	0	6	0	16	\$ 2,384.00	
	16.5 Prepare Technical Specifications	0	0	0	8	10	10	0	10	38	\$ 5,572.00	
	Estimated Total Man-hours	0	1	2	18	14	10	0	22	0	67	
	Summary Costs	\$0.00	\$252.00	\$424.00	\$3,312.00	\$2,170.00	\$1,450.00	\$0.00	\$2,420.00	\$0.00		\$ 10,028.00
17.0	Prepare Final Surface Drainage Analysis and Final Storm Drain Design											
	Estimated Total Man-hours	0	0	1	12	16	8	8	0	0	45	\$ 7,500.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$2,208.00	\$2,480.00	\$1,160.00	\$1,440.00	\$0.00	\$0.00		\$ 7,500.00

Item No.		Senior Associate	Senior Project Engineer	Project Engineer	Senior Engineer	Engineer III	Engineer II	Sr. CAD Technician	Administrative Assistant	Clerical	Total Hours	Cost Summary
			\$252.00	\$212.00	\$184.00	\$155.00	\$145.00	\$180.00	\$110.00			
18.0	Prepare Lighting Layout and Circuit Calculations - NIC											
	Estimated Total Man-hours	0	0	0	0	0	0	0	0	0	0	\$ -
	Summary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$ -
19.0	Update Airport Signing and Marking Plan - NIC											
	Estimated Total Man-hours	0	0	0	0	0	0	0	0	0	0	\$ -
	Summary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$ -
20.0	Erosion Control Plan											
	Estimated Total Man-hours	0	0	1	4	4	8	0	0	0	17	\$ 2,728.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$736.00	\$620.00	\$1,160.00	\$0.00	\$0.00	\$0.00		\$ 2,728.00
21.0	Prepare Certification of Engineering and Modification of Standards - NIC											
	Estimated Total Man-hours	0	0	0	0	0	0	0	0	0	0	\$ -
	Summary Costs	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$ -
22.0	Prepare 95% Submittal											
	Estimated Total Man-hours	0	2	2	4	8	8	8	8	0	40	\$ 6,384.00
	Summary Costs	\$0.00	\$504.00	\$424.00	\$736.00	\$1,240.00	\$1,160.00	\$1,440.00	\$880.00	\$0.00		\$ 6,384.00
23.0	Prepare and Submit Final Plans and Specifications											
	Estimated Total Man-hours	0	1	1	4	6	8	8	6	0	34	\$ 5,390.00
	Summary Costs	\$0.00	\$252.00	\$212.00	\$736.00	\$930.00	\$1,160.00	\$1,440.00	\$660.00	\$0.00		\$ 5,390.00
24.0	Prepare and Submit Final Cost Estimate											
24.1	Calculate estimated final quantities	0	0	1	2	4	4	0	0	0	11	\$ 1,780.00
24.2	Prepare final cost estimate	0	0	1	2	4	4	0	0	0	11	\$ 1,780.00
	Estimated Total Man-hours	0	0	2	4	8	8	0	0	0	22	
	Summary Costs	\$0.00	\$0.00	\$424.00	\$736.00	\$1,240.00	\$1,160.00	\$0.00	\$0.00	\$0.00		\$ 3,560.00
25.0	Prepare and Submit Final Engineers Design Report											
	Estimated Total Man-hours	0	0	1	6	4	0	0	8	0	19	\$ 2,816.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$1,104.00	\$620.00	\$0.00	\$0.00	\$880.00	\$0.00		\$ 2,816.00
26.0	Prepare Construction Safety and Phasing Plan											
	Estimated Total Man-hours	0	0	1	6	8	4	0	6	0	25	\$ 3,796.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$1,104.00	\$1,240.00	\$580.00	\$0.00	\$660.00	\$0.00		\$ 3,796.00
27.0	Phase 3 Project Meetings											
	Estimated Total Man-hours	0	0	0	6	6	0	0	0	0	12	\$ 2,034.00
	Summary Costs	\$0.00	\$0.00	\$0.00	\$1,104.00	\$930.00	\$0.00	\$0.00	\$0.00	\$0.00		\$ 2,034.00
Expenses												
	Subconsultant	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Auto Rental	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Mileage	0	0	0	480	0	0	0	0	0	480 Miles	\$ 0.56 \$ 268.80
	Lodging	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Airline Costs	0	0	0	0	0	0	0	0	0	0 Trips	\$ -
	Trips	0	0	0	0	0	0	0	0	0	0	\$ -
	Miscellaneous	0	0	0	0	0	0	0	0	0	0	\$ -
	Meals	0	0	0	2	2	0	0	0	0	4	\$ 20.00 \$ 80.00
	Reprographics	0	0	0	1	0	0	0	0	0	1	\$ 500.00 \$ 500.00
	Other	0	0	0	0	0	0	0	0	0	0	\$ -
	Other	0	0	0	0	0	0	0	0	0	0	\$ -
											Total Expenses	\$ 848.80
PHASE 3 - FINAL DESIGN TOTAL \$ 119,526.80												

Item No.		Senior Associate	Senior Project Engineer	Project Engineer	Senior Engineer	Engineer III	Engineer II	Sr. CAD Technician	Administrative Assistant	Clerical	Total Hours	Cost Summary
		\$252.00	\$212.00	\$184.00	\$155.00	\$145.00	\$180.00	\$110.00				
PHASE 4 - BID ADMINISTRATION												
28.0	Prepare Advertisement for Bids											
	Estimated Total Man-hours	0	0	1	4	0	0	0	6	0	11	\$ 1,608.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$736.00	\$0.00	\$0.00	\$0.00	\$660.00	\$0.00		\$ 1,608.00
29.0	Bid Documents Distribution											
	Estimated Total Man-hours	0	0	1	4	4	0	0	6	0	15	\$ 2,228.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$736.00	\$620.00	\$0.00	\$0.00	\$660.00	\$0.00		\$ 2,228.00
30.0	Respond to Bidders Questions											
	Estimated Total Man-hours	0	0	1	4	6	0	0	6	0	17	\$ 2,538.00
	Summary Costs	\$0.00	\$0.00	\$212.00	\$736.00	\$930.00	\$0.00	\$0.00	\$660.00	\$0.00		\$ 2,538.00
31.0	Prepare and Distribute Addendums											
	Estimated Total Man-hours	0	0	0	4	2	0	0	8	0	14	\$ 1,926.00
	Summary Costs	\$0.00	\$0.00	\$0.00	\$736.00	\$310.00	\$0.00	\$0.00	\$880.00	\$0.00		\$ 1,926.00
32.0	Pre-Bid Conference											
	Estimated Total Man-hours	0	0	0	8	8	0	0	2	0	18	\$ 2,932.00
	Summary Costs	\$0.00	\$0.00	\$0.00	\$1,472.00	\$1,240.00	\$0.00	\$0.00	\$220.00	\$0.00		\$ 2,932.00
33.0	Bid Opening											
	Estimated Total Man-hours	0	0	0	8	0	0	0	1	0	9	\$ 1,582.00
	Summary Costs	\$0.00	\$0.00	\$0.00	\$1,472.00	\$0.00	\$0.00	\$0.00	\$110.00	\$0.00		\$ 1,582.00
34.0	Bid Review and Bid Tabulation											
	Estimated Total Man-hours	0	0	0	4	4	0	0	2	0	10	\$ 1,576.00
	Summary Costs	\$0.00	\$0.00	\$0.00	\$736.00	\$620.00	\$0.00	\$0.00	\$220.00	\$0.00		\$ 1,576.00
35.0	Prepare Recommendation for Award											
	Estimated Total Man-hours	0	0	0	2	2	0	0	2	0	6	\$ 898.00
	Summary Costs	\$0.00	\$0.00	\$0.00	\$368.00	\$310.00	\$0.00	\$0.00	\$220.00	\$0.00		\$ 898.00
Expenses												
	Subconsultant	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Auto Rental	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Mileage	0	0	0	480	0	0	0	0	0	480 Miles	\$ 0.56 \$ 268.80
	Lodging and Per Diem	0	0	0	0	0	0	0	0	0	0 Days	\$ -
	Travel and Airline Costs	0	0	0	0	0	0	0	0	0	0 Trips	\$ -
	Computer Costs	0	0	0	0	0	0	0	0	0	0	\$ -
	Trips	0	0	0	0	0	0	0	0	0	0	\$ -
	Miscellaneous	0	0	0	0	0	0	0	0	0	0	\$ -
	Meals	0	0	0	2	2	0	0	0	0	4	\$ 20.00 \$ 80.00
	Reprographics	0	0	0	1	0	0	0	0	0	1	\$ 300.00 \$ 300.00
	Other	0	0	0	0	0	0	0	0	0	0	\$ -
Total Expenses												\$ 648.80
PHASE 4 - BID ADMINISTRATION TOTAL												\$ 15,936.80

MEAD & HUNT, Inc.
Standard Billing Rate Schedule
Effective January 1, 2021

Standard Billing Rates

Clerical	\$84.00 / hour
Technical Editor	\$118.00 / hour
Senior Editor	\$173.00 / hour
Registered Land Surveyor	\$134.00 / hour
Accounting, Administrative Assistant	\$110.00 / hour
Technician I, Technical Writer	\$103.00 / hour
Technician II, Surveyor - Instrument Person	\$121.00 / hour
Technician III	\$129.00 / hour
Technician IV	\$148.00 / hour
Senior Technician	\$180.00 / hour
Engineer I, Scientist I, Architect I, Interior Designer I, Planner I	\$132.00 / hour
Engineer II, Scientist II, Architect II, Interior Designer II, Planner II	\$145.00 / hour
Engineer III, Scientist III, Architect III, Interior Designer III, Planner III	\$155.00 / hour
Senior Engineer, Senior Scientist, Senior Architect, Senior Interior Designer, Senior Planner, Senior Economist	\$184.00 / hour
Project Engineer, Project Scientist, Project Architect, Project Interior Designer, Project Planner	\$212.00 / hour
Senior Project Engineer, Senior Project Scientist, Senior Project Architect, Senior Project Interior Designer, Senior Project Planner	\$252.00 / hour
Senior Associate, Principal, Senior Client/Project Manager	\$330.00 / hour

Expenses

Geographic Information or GPS Systems	\$100.00 / day
Total Station Survey Equipment	\$110.00 / day
Charges for other equipment may appear in a proposal	
Out-Of-Pocket Direct Job Expenses	cost plus 15%
Such as reproductions, sub-consultants / contractors, etc.	

Travel Expense

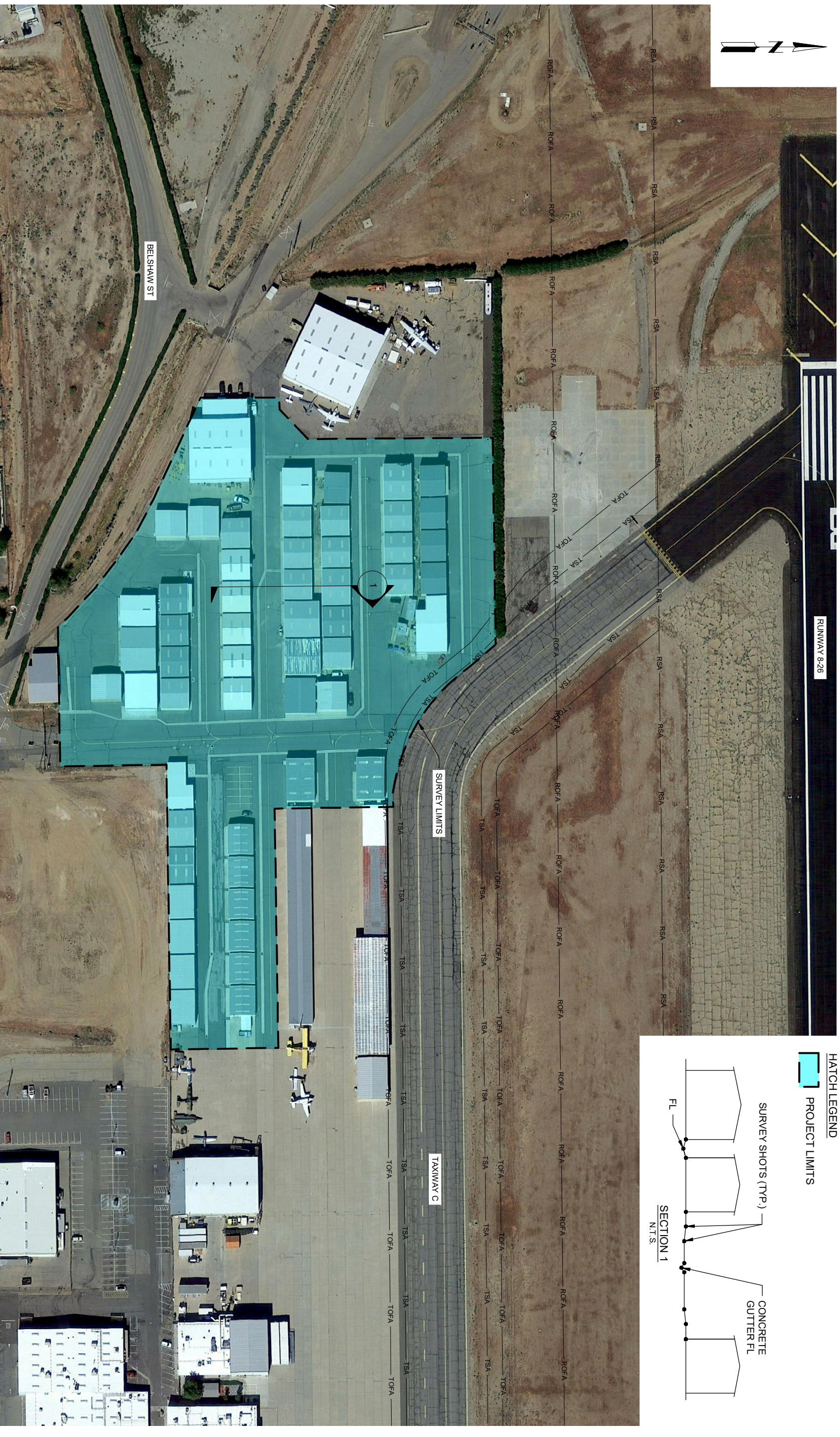
Company or Personal Car Mileage	\$ IRS rate / mile
Air and Surface Transportation	cost plus 15%
Lodging and Sustenance	cost plus 15%

Billing & Payment

Travel time is charged for work required to be performed out-of-office. A minimum of two hours will be billed for any work out-of-office.

Invoicing is on a monthly basis for work performed. Payment for services is due within 30 days from the date of the invoice. An interest charge of 1.5% per month is made on the unpaid balance starting 30 days after the date of invoice.

This schedule of billing rates is effective January 1, 2021, and will remain in effect until December 31, 2021, unless unforeseen increases in operational costs are encountered. We reserve the right to change rates to reflect such increases.



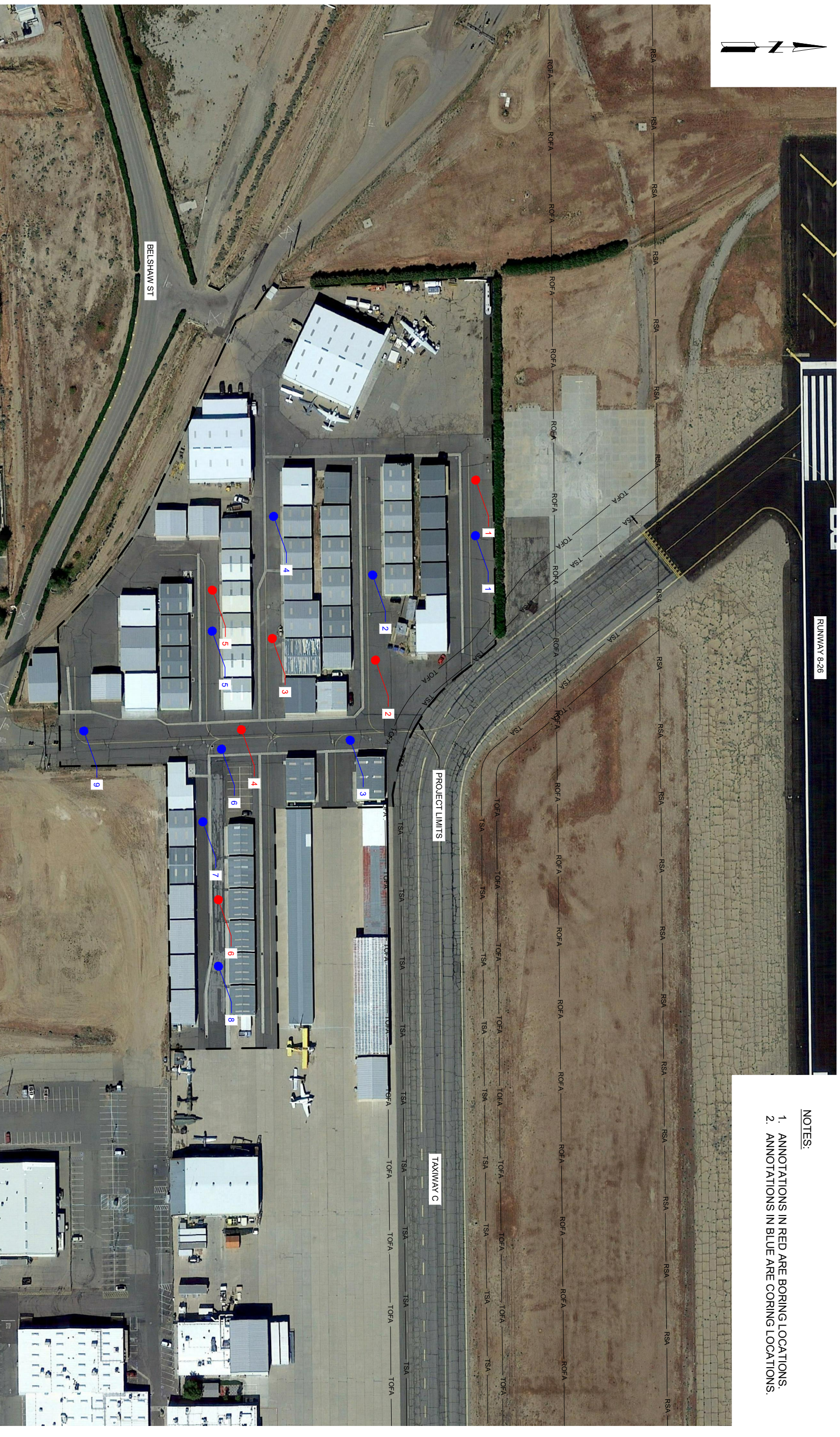
MOJAVE AIR AND SPACE PORT
 MOJAVE, CA
 GENERAL AVIATION PAVEMENT REHABILITATION AND DRAINAGE IMPROVEMENTS

SURVEY AND PROJECT LIMITS

N.T.S.



ATTACHMENT 3



- NOTES:
1. ANNOTATIONS IN RED ARE BORING LOCATIONS.
 2. ANNOTATIONS IN BLUE ARE CORING LOCATIONS.



MOJAVE AIR AND SPACE PORT
 MOJAVE, CA
 GENERAL AVIATION PAVEMENT REHABILITATION AND DRAINAGE IMPROVEMENTS

BORING AND CORING LOCATIONS

N.T.S.



ATTACHMENT 4

MOJAVE
AIR AND SPACE PORT
STAFF MEMORANDUM

TO: Board of Directors
FROM: Todd Lindner
SUBJECT: Runway 8/26 Remarketing
MEETING DATE: June 15, 2021

Background:

Bids for the Runway 8/26 Remarketing project were obtained and reviewed June 10, 2021. Two contractors submitted quotes as follows:

Aviation Striping Incorporated:	\$67,935.00
Cal Pave:	\$68,900.00

A notice of intent to award was sent to Aviation Striping Incorporated following bid opening. Staff requests the Board approve a contract for the low bidder: Aviation Striping Incorporated.

Impacts:

Fiscal: Up to \$67,935.00 FY21 budget dollars
Environmental: None
Legal: None

Recommended Action:

Award the contract for the Runway 8/26 Remarketing project to Aviation Striping Incorporated.

RESOLUTION NO.

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF MOJAVE AIR AND SPACE PORT
AWARDING A CONTRACT FOR THE
RESTRIPING OF RUNWAY 8-26**

Whereas, Mojave Air and Space Port (the “District”) is undertaking a project to restripe runway 8-26 (the “Project”); and

Whereas, section 4-2.02 of District Policy 400, “Airport Uses,” states the District is to obtain at least two bids for public works projects that cost between \$50,000 and \$200,000, and award the contract for the bid that is in the best interests of the District; and

Whereas, the District solicited bids from Aviation Striping Inc. and Cal Pave for the Project.

Now, therefore, be it resolved that the Board of Directors of Mojave Air and Space Port that:

1. The Runway 8-26 Restriping Project contract is awarded to Aviation Striping Inc., the low bidder in the amount of \$67,935.00.
2. The District CEO is authorized to sign the project contract and any related documents necessary to carry out the project.

Approved and adopted this 15th day of June 2021 at Mojave, California.

Jimmy R. Balentine, President

Diane Barney, Secretary

AVIATION STRIPING, INC.
 47787 Rainbow Canyon Road
 Temecula, CA 92592
 (951) 303-9914
 samnicol@aviationstriping.com
 www.aviationstriping.com



Estimate

ADDRESS

Re-Stripe Runway 8-26 (MASP)
 1434 Flight Line
 Mojave, CA 93501

ESTIMATE # 21623

DATE 05/06/2021

PREVAILING WAGES

APPLY

QUOTE VALID

120 DAYS

DESCRIPTION	QTY	RATE	AMOUNT
RE-STRIPE RUNWAY 8-26 PROJECT (2021) MOJAVE AIR AND SPACE PORT (MASP) BASE BID			
ITEM 1 - Marking, Single Coat with Type I Glass Beads (white) - SF Includes: - 40,505 SF - Runway Edge Line (36in) - 12,000 SF - Runway Aimpoints - 15,800 SF - Threshold Bars/Stripes - 5,625 SF - Runway Center-Line (18in) - 2,170 SF - Runway Numbers (8-26)	76,100	0.70	53,270.00
ITEM 2 - Marking, Single Coat with Type I Glass Beads (yellow) - SF Includes: - 2,590 SF - Runway Blast Pad Markings (Chevrons) - 3,000 SF - Taxiway Edge Line (12in) - 1,920 SF - Taxiway Center-Line (6in)	7,510	0.70	5,257.00
ITEM 3 - Tetrahedron Marking, Single Coat with Type I Glass Beads (white) - SF	1,980	1.00	1,980.00
ITEM 4 - Surface Preparation - Lump Sum - All Runway and Taxiway Markings (Runway 8-26) and Tetrahedron Markings	1	7,428.00	7,428.00
WORK TO BE COMPLETED 06/25/2021 thru 06/29/2021. Exclude All Survey, Barricade, Traffic Control and Flag-Men Costs. Exclude All Airfield Runway and Taxiway Closure Markers. Clean Water for Removal/Surface Prep to be Provided by Owner. Exclude Disposal/Testing/Storage of Liquid/Solid Waste (Removal/Surface Prep). Exclude All Water Containment and Collection (Surface Preparation). 1 Move-Ins is Included in the Total Price. Minimum Additional Move-In \$5,500. Area Must be Clean and Clear of Obstructions Prior to Striping.			

We Specialize in Airport Pavement Markings
 CA Contractors License Number: 859156 (C-32)
 CA DVBE/SB/SB-PW Reference Number: 40242
 DIR Number: 1000023176

TOTAL

\$67,935.00

Accepted By

Accepted Date



CALIFORNIA PAVING & GRADING CO., INC.
 3253 VERDUGO RD., LOS ANGELES, CA 90065
 (P) 323-255-1144 (F) 323-255-3473
 STATE LICENSE #384051

Proposal & Contract

Date	Proposal #
6/11/2021	211615

Customer Name / Address
Mojave Air & Space Port 1434 Flight Line Rd. Mojave, CA 93501

Job / Address
Mojave Air & Space Port 1434 Flight Line Rd. Mojave, CA 93501

Rep	Terms of Sale	P.O. No.	Job Number
Kent	Due on Completion		211615 - 1434 Flight ...

Description	Total
Stripe the following areas Runway edge line- 36in. 40,505 sf Runway aim points- 12,000 sf Threshold bars- 15,800 sf Runway centerline- 18 in. 5,625 sf Runway numbers- 2,170 sf Type 1 Glass beads, Yellow. Runway blast pad marking- 2,590 sf Taxiway edge line- 12 in. 3,000 sf Taxiway center line- 6 in. 1,920 sf Tetrahedron- type 1 glass beads, White. 2,020 sf Complete work in one move in with prevailing wages, with water based traffic paint Quotes are Valid for 30 Days All work is to be completed in a substantial and workmanlike manner according to standard practices for the sum of ...	68,900.00
California Paving & Grading Co.,Inc. By: Kent Dennis	

ACCEPTANCE

You are hereby authorized to proceed with the work as per above and I agree to pay in the amount as stated on this proposal. You the Buyer may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. PLEASE READ CAREFULLY the General Terms & Conditions of Sale page BEFORE signing.

Accepted By: _____ Date: _____

Please read and sign all pages of this Proposal and Contract.



CALIFORNIA PAVING & GRADING CO., INC.
 3253 VERDUGO RD., LOS ANGELES, CA 90065
 (P) 323-255-1144 (F) 323-255-3473
 STATE LICENSE #384051

Proposal & Contract

Date	Proposal #
6/11/2021	211615

Customer Name / Address
Mojave Air & Space Port 1434 Flight Line Rd. Mojave, CA 93501

Job / Address
Mojave Air & Space Port 1434 Flight Line Rd. Mojave, CA 93501

Rep	Terms of Sale	P.O. No.	Job Number
Kent	Due on Completion		211615 - 1434 Flight ...

Description	Total
<p>NOTICE TO OWNER (Section 7019 - Contractors License Law) - Under the Mechanics Lien Law (California Code of Civil Procedures, Section 1181 et seq.) any contractor, sub-contractor, laborer, supplier or other person who helps to improve your property but is not paid for his work or supplies, has a right to enforce a claim against your property. This means that, after a court hearing, your property could be sold by a court officer and proceeds of the sale used to satisfy the indebtedness. This can happen even if you have paid your own contractor in full, if the subcontractor, laborer or supplier remains unpaid. Under the law you may protect yourself against such claims by filling, before commencing such work of improvement, an original contract for the work of improvement or a modification thereof, in the office of the county recorder of the county where the property is situated and requiring that a contractor's payment bond be recorded in such office. Said bond shall be in an amount not less than fifty percent (50%) of the contract price and shall, in addition to any conditions for the performance of the contract, be conditioned for the payment in full of the claims of all persons furnishing labor, services, equipment or materials for the work described in said contract. This contract also contains provisions to homeowners as set forth in 1689.7 (a) and details set forth in (b) and (c).</p> <p>Contractors are required by law to be licensed and regulated by the Contractors' State License Board. Any questions concerning a contractor may be referred to the registrar of the board whose address is: Contractors State License Board, 9821 Business Park Drive Sacramento, CA 95827</p> <p>Information about seal coat: Seal coat is designed to protect asphalt from water erosion and UV oxidation; it also beautifies your parking lot or driveway by giving it a deep black color. One common misconception customers have is they expect cracks to disappear or for the seal to hide imperfections in the existing asphalt's surface. Seal coat WILL NOT hide cracks, depressions, uneven or rough areas. Even if crack filler is applied prior to seal coat, cracks will still be visible after the work is complete, seal coat will not adhere to oils spots on asphalt. No Guarantee is given on seal coat, crackfill, or patching jobs. If you feel your project may require more work than just a seal coat, please contact your estimator so he can make the proper recommendations.</p>	

ACCEPTANCE

You are hereby authorized to proceed with the work as per above and I agree to pay in the amount as stated on this proposal. You the Buyer may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. PLEASE READ CAREFULLY the General Terms & Conditions of Sale page BEFORE signing.

Accepted By: _____ Date: _____

Please read and sign all pages of this Proposal and Contract.



CALIFORNIA PAVING & GRADING CO., INC.
 3253 VERDUGO RD. LOS ANGELES, CA 90065
 (P) 323-255-1144 (F) 323-255-3473
 STATE LICENSE #384051

Proposal & Contract

Date	Proposal #
6/11/2021	211615

Customer Name / Address
Mojave Air & Space Port 1434 Flight Line Rd. Mojave, CA 93501

Job / Address
Mojave Air & Space Port 1434 Flight Line Rd. Mojave, CA 93501

Rep	Terms of Sale	P.O. No.	Job Number
Kent	Due on Completion		211615 - 1434 Flight ...

Description	Total
<p>CALIFORNIA PAVING & GRADING CO., INC. (CP&G) GENERAL TERMS AND CONDITIONS OF SALE</p> <p>TERMS: Net payment due to be paid on completion of job. Any unpaid amount will be subject to 5% interest per month. CP&G shall be entitled to collect attorney fees and court costs in the pursuit for any unpaid balance. All work to be completed with one (1) move unless otherwise stated. Prevailing wages are not included unless otherwise stated. The above work carries a one-year guarantee on all workmanship and materials. Proposal is valid for thirty (30) days. CP&G is not responsible for delays caused by weather.</p> <p>ADDITIONAL CHARGES: This proposal excludes permits, plans, inspections, testing, surveying, manhole adjusting, utility adjustments or relocations, street striping or signage, rough grading, storm drains and street lighting. Import and/or export of fill to be charged as extra, if needed.</p> <p>CHANGE ORDERS: All changes to this proposal must be completed by our office in writing and shown as a change order to this proposal. Any change to this proposal will be executed only upon written orders for same, and will become an extra charge over the sum mentioned in this contract. Any change written or typed by the customer on our contract is null and void.</p> <p>DEFINITIONS: Unless otherwise specified, the term grade shall mean that present grades are within one inch of finish sub-grade. Weed killer to be applied only where specified. CP&G accepts no responsibility for future growth of vegetation. Cracks will still be visible at completion of all seal coating jobs, no guarantee against seal coat adhering to oil spots on asphalt. CP&G cannot guarantee that all cracks will be filled and or patched.</p> <p>EXCEPTIONS: CP&G shall not be responsible for cracks in asphalt due to soil or sub-grade movement or failure or on any resurfacing of existing asphalt. CP&G shall not be liable for any damage to or breakage of underground pipes and/or conduits not visible from the surface of the ground nor for any damage to approaches (including sidewalk) from the street to the property line. CP&G shall not be responsible for water drainage when resurfacing over existing asphalt and concrete areas. Water drainage subject to existing conditions. CP&G shall not be responsible for cracking of new concrete surface; for graffiti of new concrete; for repair to damage of irrigation lines, sprinkler heads or grass lawns. CP&G can offer no guarantee against power steering marks as this is a natural occurrence. CP&G is not liable for sinkage of trenches due to lack of completion by others. CP&G shall not be responsible for any color ordered from a color chart varying from concrete color actually delivered due to the variations in the coloring materials and other factors beyond the control of CP&G. Customer agrees that CP&G shall not be liable for damages associated with any dissatisfaction with the color of concrete delivered or defects caused by a mixture designed and specified by the customer.</p> <p>CP&G is not responsible for any discoloration such as blotching or dark spots on new concrete surfaces</p> <p>Proposals do not include disposal of petromat mixed with asphalt, unless specified in scope of work. pricing subject to increase if petromat is present.</p>	

ACCEPTANCE

You are hereby authorized to proceed with the work as per above and I agree to pay in the amount as stated on this proposal. You the Buyer may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. PLEASE READ CAREFULLY the General Terms & Conditions of Sale page BEFORE signing.

Accepted By: _____ Date: _____

Please read and sign all pages of this Proposal and Contract.



STAFF MEMORANDUM

TO: Board of Directors
FROM: Todd Lindner
SUBJECT: Stratolaunch, LLC, Test Site 4 Lease
MEETING DATE: June 15, 2021

Background:

Stratolaunch, LLC. is requesting a long term lease with the District for Test Site 4, approximately 72,309 sf. of undeveloped land. Stratolaunch intends to build a Liquid-bipropellant rocket engine and stage test facility. They are requesting lease terms of Basic Term: 15-year lease with (1) Five year renewal option.

Impacts:

Fiscal: \$1,923.00 additional revenue per month, Annual \$23,076.00
Environmental: Subject to CEQA compliance
Legal: N/A

Recommended Action:

Staff recommends approval of the requested terms, and authorization for CEO to finalize negotiations and execute the lease, subject to District Legal Counsel approval.

Lease Agreement

THIS LEASE ("Lease") is entered into as of June 10, 2021("Effective Date") by Mojave Air & Space Port, a California Airport District ("Landlord") and Stratolaunch, LLC ("Tenant").

ARTICLE 1. BASIC LEASE PROVISIONS

1.1 Landlord: Mojave Air & Space Port

1.2 Tenant: Stratolaunch, LLC

1.3 Rental Commencement Date: DATE

1.4 Premises: Approximately 1.77 Acres, as more specifically described on Exhibit A attached hereto.

1.5 Rentable area: Approximately 76,920 sq. ft. of land.

1.6 Lease term:

Basic Term: Fifteen (15) years, computed from the first day of the first calendar month on or after the RentalCommencement Date.

Renewal Term: One Five (5)exercisable pursuant to Section 22.17.

1.7 Annual Rental:

<u>Year(s)</u>	<u>Monthly Rental</u>	<u>Annual Rental</u>
2021 - 2025	\$1,923.00	\$23,076.00

On DATE, and each year thereafter, including during the Renewal Term, if any, Annual Rental shall be adjusted in accordance with Section 4.2.

1.8 Use of Premises: The Premises shall be occupied and used by Tenant for the sole purpose of conducting liquid-bipropellant rocket engine and stage testing, along with other airport approved activities, and for no other use or purpose.

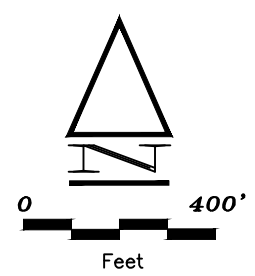
1.9 Security Fee: Tenant shall pay a charge for security patrol and monitoring in the amount of 5% of the amount of such monthly rent payment.

1.10 Late charge: If Rent is not paid by the first day of the month, Landlord shall also be paid by Tenant interest at the rate of 1.5% per month on the unpaid balance of such Rent until paid in full.

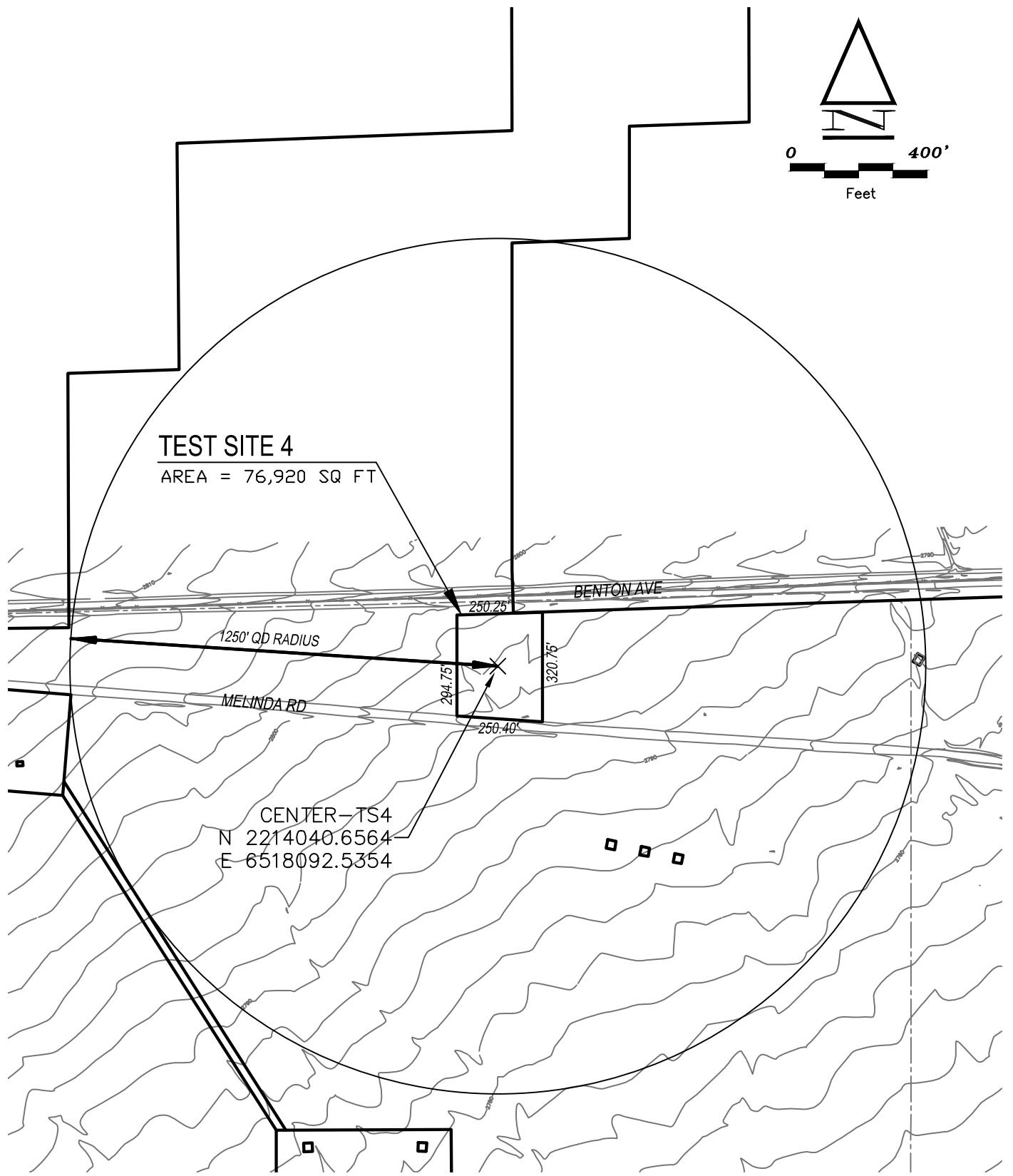
1.11 Addresses for notices and rent payment:

Landlord:
Mojave Air & Space Port
Attn: Director of Planning
1434 Flightline Mojave, CA 93501
661.824.2433

Tenant:
Stratolaunch, LLC
553 Riccomini Ave
Mojave, CA 93501
206-755-9864



TEST SITE 4
 AREA = 76,920 SQ FT



CENTER-TS4
 N 2214040.6564
 E 6518092.5354

MOJAVE AIR & SPACE PORT
 A CALIFORNIA SPECIAL DISTRICT
 1434 FLIGHT LINE (661) 824-2433 TEL.
 MOJAVE, CA 93501 (661) 824-2914 FAX



LEASE AREA= 76,920 SQ. FT
PROPOSED TEST SITE 4 LEASE
 EXHIBIT "A" - MAY 2021

MOJAVE

AIR AND SPACE PORT

CEO REPORT

TO: MASP Board of Directors

FROM: Todd Lindner

MEETING DATE: June 15, 2021

Updates

- GA Hangar Development
 - Developers
 - Cal Trans Loan
 - Redding, Nut Tree, Chico

- FBO

- Testing & Industrial Sites
 - Lease Review
 - ARFF Needs

- Scaled Composites/Hangar 927 Replacement

- Mel Langford

- GA Hangar Development

- GA & Industrial & Aerospace Tenant Meeting

- Ball Field
 - Sharper Landscaping
 - Irrigate
 - Dethatch
 - Seed
 - Infield

- Unicom Tower

- Kern Local Agency Formation Commission Public Member Open Seat

- Runway 12/30 Rehabilitation
 - Mead & Hunt Presentation

MOJAVE

AIR AND SPACE PORT

CEO REPORT

Authorized Payments:

BOARD MEETING: 6/15/2021	DATE	AMOUNT	EFT'S	TOTAL
CEO CHECK REGISTER	6/3/2021	68,399.05		68,399.05
	6/10/2021	42,744.83		42,744.83
	6/9/2021	-	289,526.65	289,526.65
		111,143.88	289,526.65	400,670.53
BOD CHECK	6/15/2021	1,985,651.44		1,985,651.44
	6/15/2021	70,482.29		70,482.29
				2,056,133.73
VOID CHECK	61010			
	61025			
TOTAL ALL CHECKS & EFT'S				2,456,804.26



**Kern Local Agency
Formation Commission**
5300 Lennox Ave. Suite 303
Bakersfield, CA 93309
661-716-1076
www.co.kern.ca.us/lafco/

MEMO

RE: Public Member Nominations

DATE: Nomination due by June 21, 2021

KERN LOCAL AGENCY FORMATION COMMISSION PUBLIC MEMBER OPEN SEAT

The Kern Local Agency Formation Commission (LAFCo) is seeking candidates for the Public Member and potentially an Alternate Public Member position on the Commission.

Commissioners review and consider proposals of annexations to cities and special districts as well as detachments, consolidations mergers, formation of new cities and districts, spheres of influence and any related service reviews.

Candidates must be registered to vote in Kern County and must not be an officer or employee of the County, any city or district with territory in the County of Kern.

The application deadline is June 21, 2019. If you are interested, please fill out the application on the Kern LAFCo website: <https://kerncounty.seamlessdocs.com/w/BCCApplicationForm>

In addition, please submit a resume of your qualifications to:

eo@kernlafco.org

or

Kern LAFCo
5300 Lennox Ave. Suite 303
Bakersfield CA 93309

If you have questions please call 661-716-1076.

Date: Thursday, June 3, 2021
 Time: 03:43PM
 User: CPANKO

Mojave Air & Space Port
Check Register - Standard
 Period: 12-21 As of: 6/3/2021

Page: 1 of 4
 Report: 03630.rpt
 Company: MASP

Check Nbr	Check Type	Check Date	Vendor ID Vendor Name	Period To Post Closed	Ref Nbr	Doc Type	Invoice Number	Invoice Date	Discount Taken	Amount Paid
Company: MASP										
Acct / Sub:	101000		1200							
060991	CK	6/3/2021	0185 Avcom Company	12-21	048375	VO	05011321	5/28/2021	0.00	782.00
060992	CK	6/3/2021	0187 AFLAC	12-21	048374	VO	794690/0521	6/15/2021	0.00	537.60
060993	CK	6/3/2021	0350 Clarks Pest Control	12-21	048377	VO	28292909/0521	5/18/2021	0.00	63.00
060993	CK	6/3/2021	0350 Clarks Pest Control	12-21	048378	VO	28292919/0521	5/18/2021	0.00	52.00
060993	CK	6/3/2021	0350 Clarks Pest Control	12-21	048379	VO	28292927/0521	5/18/2021	0.00	88.00
060993	CK	6/3/2021	0350 Clarks Pest Control	12-21	048380	VO	28292924/0521	5/18/2021	0.00	51.00
Check Total										254.00
060994	CK	6/3/2021	0538 Energy Link Industrial Services	12-21	048381	VO	MAP2101	5/27/2021	0.00	976.50
060995	CK	6/3/2021	0719 Ferguson H&C 794	12-21	048382	VO	3428991	5/27/2021	0.00	276.99
060996	CK	6/3/2021	0773 Grainger	12-21	048383	VO	9896309193	5/10/2021	0.00	167.04
060997	CK	6/3/2021	0850 Herc Rentals Inc.	12-21	048385	VO	32106119-001	5/11/2021	0.00	606.74
060998	CK	6/3/2021	0898 IML Security Supply	12-21	048386	VO	2873349	5/25/2021	0.00	187.37
060998	CK	6/3/2021	0898 IML Security Supply	12-21	048387	VO	2873392	5/25/2021	0.00	1,509.71
060998	CK	6/3/2021	0898 IML Security Supply	12-21	048388	VO	2873638	5/26/2021	0.00	1,188.95
Check Total										2,886.03
060999	CK	6/3/2021	1138 Kern Machinery	12-21	048389	VO	104-862652	5/12/2021	0.00	142.74
061000	CK	6/3/2021	1200 L & L Construction	12-21	048391	VO	WE 5.16.21	5/16/2021	0.00	600.00

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Check Nbr	Check Type	Check Date	Vendor ID Vendor Name	Period To Post Closed	Ref Nbr	Doc Type	Invoice Number	Invoice Date	Discount Taken	Amount Paid
061001	CK	6/3/2021	1241 Loschnigg Consulting LLC	12-21	048390	VO	2021-05-31	5/31/2021	0.00	6,000.00
061002	CK	6/3/2021	1372 Mojave Public Utility District	12-21	048392	VO	6072000/0521	5/31/2021	0.00	93.30
061002	CK	6/3/2021	1372 Mojave Public Utility District	12-21	048393	VO	6072001/0521	5/31/2021	0.00	6,574.66
061002	CK	6/3/2021	1372 Mojave Public Utility District	12-21	048394	VO	6072003/0521	5/31/2021	0.00	311.22
061002	CK	6/3/2021	1372 Mojave Public Utility District	12-21	048395	VO	6072002/0521	5/31/2021	0.00	81.36
									Check Total	7,060.54
061003	CK	6/3/2021	1411 Nave Law Office, P.C.	12-21	048396	VO	20968	5/31/2021	0.00	6,159.00
061004	CK	6/3/2021	1670 Praxair Distribution	12-21	048398	VO	63756506	5/22/2021	0.00	279.69
061005	CK	6/3/2021	1800 Ramos Strong Incorporated	12-21	048399	VO	0358408	5/17/2021	0.00	1,225.38
061006	CK	6/3/2021	1803 Race Telecommunications, Inc.	12-21	048372	VO	RC484986	4/1/2021	0.00	165.00
061007	CK	6/3/2021	1865 RLH Fire Protection	12-21	048400	VO	0965976	5/19/2021	0.00	962.00
061008	CK	6/3/2021	1895 Smith Pipe & Supply	12-21	048417	VO	3748177	5/13/2021	0.00	343.95
061009	CK	6/3/2021	1896 Speedy Car Wash	12-21	048409	VO	2061/0521	5/25/2021	0.00	180.00
061010	CK	6/3/2021	1945 Harold Smith	12-21	048406	VO	052621	5/26/2021	0.00	250.00
061010	CK	6/3/2021	1945 Harold Smith	12-21	048415	VO	7659	6/2/2021	0.00	28.11
									Check Total	278.11
061011	CK	6/3/2021	1952 Southern California Edison	12-21	048373	VO	12285395/0421	5/18/2021	0.00	8,135.40

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Mojave Air & Space Port
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061011	CK	6/3/2021	1952 Southern California Edison	12-21	048404	VO	6545683/0521	5/18/2021	0.00	1,578.58
061011	CK	6/3/2021	1952 Southern California Edison	12-21	048405	VO	96090594/0521	5/18/2021	0.00	54.20
									Check Total	9,768.18
061012	CK	6/3/2021	2014 Sharper Landscaping Services	12-21	048408	VO	5820 / 0521	6/1/2021	0.00	1,600.00
061013	CK	6/3/2021	2068 Resource MFG	12-21	048401	VO	8406584463	5/17/2021	0.00	1,086.80
061013	CK	6/3/2021	2068 Resource MFG	12-21	048402	VO	8406602842	5/24/2021	0.00	1,086.80
061013	CK	6/3/2021	2068 Resource MFG	12-21	048403	VO	8406625263	5/31/2021	0.00	923.78
									Check Total	3,097.38
061014	CK	6/3/2021	2071 Synchrony Bank	12-21	048343	VO	0421	5/10/2021	0.00	451.31
061015	CK	6/3/2021	2125 US Fueling Solutions	12-21	048410	VO	23748	6/17/2021	0.00	232.24
061016	CK	6/3/2021	2253 Waste Management Kern	12-21	048411	VO	3926648083/0521	5/31/2021	0.00	727.49
061016	CK	6/3/2021	2253 Waste Management Kern	12-21	048412	VO	3917548086/0521	6/1/2021	0.00	366.11
061016	CK	6/3/2021	2253 Waste Management Kern	12-21	048413	VO	3973348082/0521	6/1/2021	0.00	185.43
									Check Total	1,279.03
061017	CK	6/3/2021	3220 Ray Hatfield	12-21	048370	VO	041321	4/13/2021	0.00	45.00
061017	CK	6/3/2021	3220 Ray Hatfield	12-21	048384	VO	051821	5/18/2021	0.00	275.60
									Check Total	320.60
061018	CK	6/3/2021	3864 Carrie Rawlings	12-21	048369	VO	011321	5/19/2021	0.00	99.00
061019	CK	6/3/2021	4008 Michael B.Jones DDS	12-21	048420	VO	051021/CARRILLO	5/10/2021	0.00	397.00
061020	CK	6/3/2021	4027 Todd Lindner	12-21	048418	VO	0521	6/1/2021	0.00	20,000.00

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061021	CK	6/3/2021	4523 Gerardo Perez	12-21	048397	VO	052121	5/24/2021	0.00	1,145.00	
061021	CK	6/3/2021	4523 Gerardo Perez	12-21	048414	VO	052121/B	6/24/2021	0.00	126.00	
Check Total										1,271.00	
Check Count:		31								Acct Sub Total:	68,399.05

Check Type	Count	Amount Paid
Regular	31	68,399.05
Hand	0	0.00
Electronic Payment	0	0.00
Void	0	0.00
Stub	0	0.00
Zero	0	0.00
Mask	0	0.00
Total:	31	68,399.05

Company Disc Total	0.00	Company Total	68,399.05
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Date: Thursday, June 10, 2021
 Time: 07:51: AM
 User: CPANKO

Mojave Air & Space Port

Page: 1 of 4
 Report: 03630.rpt
 Company: MASP

Check Register - Standard Period: 12-21 As of: 6/10/2021

Check Nbr	Check Type	Check Date	Vendor ID Vendor Name	Period		Ref Nbr	Doc Type	Invoice Number	Invoice Date	Discount Taken	Amount Paid
				To Post	Closed						
Company: MASP											
Acct / Sub:	101000		1200								
061022	CK	6/10/2021	0109 AT&T	12-21		048475	VO	2429683334/0621	6/1/2021	0.00	278.54
061023	CK	6/10/2021	0396 CDW Government	12-21		048458	VO	D765612	5/27/2021	0.00	400.57
061023	CK	6/10/2021	0396 CDW Government	12-21		048459	VO	D626402	5/24/2021	0.00	99.97
Check Total										0.00	500.54
061024	CK	6/10/2021	0474 Alma Del Rio	12-21		048474	VO	060521	6/5/2021	0.00	241.45
061025	SC	6/10/2021	0479 Aramark	12-21	12-21						
061026	CK	6/10/2021	0479 Aramark	12-21		048421	AD	2110030330CM	5/19/2021	0.00	-17.60
061026	CK	6/10/2021	0479 Aramark	12-21		048422	AD	2110030336CM	5/19/2021	0.00	-5.32
061026	CK	6/10/2021	0479 Aramark	12-21		048423	AD	2110030338CM	5/19/2021	0.00	-22.92
061026	CK	6/10/2021	0479 Aramark	12-21		048424	AD	2110030335CM	5/19/2021	0.00	-5.32
061026	CK	6/10/2021	0479 Aramark	12-21		048425	AD	2110030328CM	5/19/2021	0.00	-6.52
061026	CK	6/10/2021	0479 Aramark	12-21		048426	AD	2110030334CM	5/19/2021	0.00	-6.76
061026	CK	6/10/2021	0479 Aramark	12-21		048427	AD	2110030329CM	5/19/2021	0.00	-6.52
061026	CK	6/10/2021	0479 Aramark	12-21		048428	AD	2110030331CM	5/19/2021	0.00	-5.20
061026	CK	6/10/2021	0479 Aramark	12-21		048429	AD	2110030332CM	5/19/2021	0.00	-5.32
061026	CK	6/10/2021	0479 Aramark	12-21		048430	AD	2110030333CM	5/19/2021	0.00	-2.00
061026	CK	6/10/2021	0479 Aramark	12-21		048431	VO	2100899504	5/7/2021	0.00	101.83
061026	CK	6/10/2021	0479 Aramark	12-21		048432	VO	2100899411	5/7/2021	0.00	130.68
061026	CK	6/10/2021	0479	12-21		048433	AD	2110030315CM	5/14/2021	0.00	-51.24

061026	CK	6/10/2021	Aramark 0479	12-21	048434	VO	2100900842	5/14/2021	0.00	101.83
061026	CK	6/10/2021	Aramark 0479	12-21	048435	VO	2100900838	5/14/2021	0.00	143.50
061026	CK	6/10/2021	Aramark 0479	12-21	048436	VO	0000902230	5/21/2021	0.00	170.36
061026	CK	6/10/2021	Aramark 0479	12-21	048437	VO	2100902226	5/21/2021	0.00	195.25
061026	CK	6/10/2021	Aramark 0479	12-21	048438	VO	2100902133	5/21/2021	0.00	86.86
061026	CK	6/10/2021	Aramark 0479	12-21	048439	VO	210001449	5/28/2021	0.00	88.95
061026	CK	6/10/2021	Aramark 0479	12-21	048461	VO	2100904846	6/4/2021	0.00	74.49
061027	CK	6/10/2021	0518 Elevation Corp. Health, LLC	12-21	048445	VO	8349/0521	5/31/2021	0.00	6,534.85
061028	CK	6/10/2021	0786 GuardMetrics LLC	12-21	048472	VO	02265	6/1/2021	0.00	158.00
061029	CK	6/10/2021	0866 The Home Depot Credit Plan	12-21	048482	VO	07610417/541	5/30/2021	0.00	678.02
061030	CK	6/10/2021	0897 Core and Main LP	12-21	048442	VO	0261470	5/26/2021	0.00	342.47
061031	CK	6/10/2021	0898 IML Security Supply	12-21	048471	VO	2878115	6/1/2021	0.00	36.74
061031	CK	6/10/2021	0898 IML Security Supply	12-21	048476	VO	2878132	6/1/2021	0.00	30.51
061032	CK	6/10/2021	1032 Interstate All Battery Center	12-21	048480	VO	1909301010003	5/26/2021	0.00	109.90
061033	CK	6/10/2021	1306 Martha's Cleaning Service	12-21	048463	VO	2066/0621	6/1/2021	0.00	3,054.00
061033	CK	6/10/2021	1306 Martha's Cleaning Service	12-21	048464	VO	2065/0621	6/1/2021	0.00	5,452.00
061034	CK	6/10/2021	1364 Karl's Hardware Mojave	12-21	048477	VO	0521	5/31/2021	0.00	2,525.30
061035	CK	6/10/2021	1372 Mojave Public Utility District	12-21	048440	VO	05211	6/2/2021	0.00	4,310.37
061036	CK	6/10/2021	1373 Mojave Public Utility District	12-21	048441	VO	05212/0521	6/2/2021	0.00	157.50
									Check Total	959.03

061037	CK	6/10/2021	1501 Office Depot	12-21	048481	VO	10076136/0521	5/17/2021	0.00	740.44
061038	CK	6/10/2021	1551 OnSolve Intermediate Holding Co	12-21	048455	VO	15175998	5/31/2021	0.00	3,500.00
061039	CK	6/10/2021	1626 Petro Lock, Inc.	12-21	048444	VO	510797	5/25/2021	0.00	3,081.25
061040	CK	6/10/2021	1800 Ramos Strong Incorporated	12-21	048468	VO	0359083	6/1/2021	0.00	2,003.06
061041	CK	6/10/2021	1803 Race Telecommunications, Inc.	12-21	048465	VO	RC499420	6/1/2021	0.00	420.83
061041	CK	6/10/2021	1803 Race Telecommunications, Inc.	12-21	048466	VO	RC499343	6/1/2021	0.00	567.25
									Check Total	988.08
061042	CK	6/10/2021	1897 Southern California Fleet Service	12-21	048496	VO	hp13399	6/8/2021	0.00	800.00
061043	CK	6/10/2021	1945 Harold Smith	12-21	048415	VO	7659	6/2/2021	0.00	28.11
061043	CK	6/10/2021	1945 Harold Smith	12-21	048457	VO	052621	6/8/2021	0.00	139.00
									Check Total	167.11
061044	CK	6/10/2021	2041 South Street Digital, Inc.	12-21	048484	VO	13679	6/2/2021	0.00	627.41
061045	CK	6/10/2021	2072 Jeffrey H Stein DDS Inc	12-21	048443	VO	052621/ TAYLOR	5/26/2021	0.00	310.00
061045	CK	6/10/2021	2072 Jeffrey H Stein DDS Inc	12-21	048462	VO	0602/TAYLOR	6/2/2021	0.00	620.00
									Check Total	930.00
061046	CK	6/10/2021	2125 US Fueling Solutions	12-21	048460	VO	23761	6/7/2021	0.00	2,191.83
061046	CK	6/10/2021	2125 US Fueling Solutions	12-21	048495	VO	23766	6/8/2021	0.00	105.55
									Check Total	2,297.38
061047	CK	6/10/2021	2230 Verizon Wireless	12-21	048454	VO	9879640932	5/1/2021	0.00	1,404.17
061048	CK	6/10/2021	2450 Xerox Corporation	12-21	048478	VO	013548245	6/8/2021	0.00	434.71
061049	CK	6/10/2021	3048 Robert Morgan	12-21	048473	VO	060121	6/1/2021	0.00	377.00
061050	CK	6/10/2021	4523	12-21	048479	VO	052821	6/3/2021	0.00	25.00

Gerardo Perez

Check Count: 29

Acct Sub Total: 42,744.83

Check Type	Count	Amount Paid
Regular	28	42,744.83
Hand	0	0.00
Electronic Payment		0.00
Void	0	0.00
Stub	1	0.00
Zero	0	0.00
Mask	0	0.00
Total:	29	42,744.83

Company Disc Total 0.00

Company Total 42,744.83

ELECTRONIC FUND TRANSFERS MAY 25 through JUNE 9, 2021

Date		AMOUNT
5/25/2021	ACH DEBIT EFTTRANSFE AVFUEL	\$17,660.59
5/27/2021	ACH DEBIT PAYROLL PAYCHEX-RCX	\$51,824.31
5/27/2021	ACH DEBIT GARNISH PAYCHEX CGS	\$48.96
5/27/2021	ACCOUNT SERVICE FEE ACH ORINATION SETUP FEE	\$50.00
5/28/2021	ACH DEBIT EFTTRANSFE AVFUEL	\$18,704.10
5/28/2021	ACH DEBIT TAXES PAYCHEX TPS	\$10,610.72
5/28/2021	ACH DEBIT INVOICE PAYCHEX EIB,	\$222.45
5/28/2021	ACCOUNT SERVICE FEE TM-ACH OR MULTIPLE SERVICES	\$75.00
5/28/2021	ACCOUNT SERVICE FEE RDC MONTHLY FEE	\$75.00
6/1/2021	ACH DEBIT EFTTRANSFE AVFUEL	\$36,894.66
6/1/2021	WIRE TRANSFER FEE	\$15.00
6/2/2021	ACH DEBIT EFTTRANSFE AVFUEL	\$35,605.59
6/3/2021	ACH DEBIT EFTTRANSFE AVFUEL	\$17,959.09
6/4/2021	ACH DEBIT 1800 CALPERS	\$52,376.27
6/4/2021	ACH DEBIT 3100 CALPERS	\$7,748.16
6/4/2021	ACH DEBIT 3100 CALPERS	\$7,459.84
6/4/2021	ACH DEBIT 1800 CALPERS	\$7,337.15
6/4/2021	ACH DEBIT 3100 CALPERS	\$2,978.02
6/4/2021	ACH DEBIT 3100 CALPERS	\$2,978.02
6/7/2021	ACH DEBIT INVESTMENT DSTRS	\$369.00
6/7/2021	ACH DEBIT INVESTMENT DSTRS	\$369.00
6/7/2021	ACH DEBIT INVESTMENT DSTRS	\$250.00
6/7/2021	ACH DEBIT INVESTMENT DSTRS	\$250.00
6/8/2021	ACH DEBIT EFTTRANSFE AVFUEL	\$17,665.72
	<i>TOTAL</i>	\$289,526.65



DOO REPORT

TO: MASP Board of Directors

FROM: Matt Nelson

MEETING DATE: June 15, 2021

Updates

- **ARFF Maintenance Contract**
- **Wildlife Hazard Management Plan Approval**
- **NTPS Letter of Agreement**
- **Security move from old ATC Tower to building 1**