

MTAA Board Meeting 3:00 PM

Tuesday, September 17, 2019
MTAA Administrative Office – Board Room
6510 SE Forbes Ave., Building #620

Addressing the MTAA Board: No person shall address the Board during a Board Meeting, unless they have notified the MTAA Administration Office by 2:00 P.M. on the day of any Board Meeting of their desire to speak on a specific matter on the published meeting agenda or during the public comment portion of the Board Meeting. This limitation shall not apply to items added during the course of a meeting. The Board does not take action with respect to any subject not on the agenda unless added to the agenda by a vote of the Board. Persons addressing the Board will be limited to four (4) minutes of public address on a particular agenda item. Debate, question/answer dialogue or discussion between Board members will not be counted towards the four (4) minute time limitation. The Chair may extend time with the unanimous consent of the Board or the Board by affirmative vote may extend the four (4) minute limitation. Persons will be limited to addressing the Board one (1) time on a particular matter unless otherwise allowed by an affirmative vote of the Board. Citizens wishing to offer Public Comment may sign up by phoning the MTAA Administration office at 862-2362. The Board may waive prior notice by majority vote. To make arrangements for special accommodations please call (785) 862-2362. A 48-hour advance notice is preferred. Agendas are available on Thursday afternoon prior to the regularly scheduled Board meetings at the MTAA Administration Office, Topeka Regional Airport and Business Center, 6510 SE Forbes Ave., Ste. 1, Topeka, KS 66619.

1. Inquire if Notification was given to all Requesting Notification of MTAA Board Meetings.
2. Approve Minutes of the MTAA's Regularly Scheduled Board Meeting of August 13, 2019.
3. Public Comment.
4. Adopt Agenda.

ACTION ITEMS:

5. Consider Bids for 2019 Street and Pavement Maintenance Program.
6. Consider Bids for the Purchase of New Self-Contained Breathing Apparatus (SCBA).
7. Consider WSP USA, Inc. Task Orders #9 & #10 FOE Taxiway D Abandonment and Taxiway A & E Reconstruction - Design & Construction Inspection.

INFORMATION ONLY ITEMS:

8. Monthly Reports:
 - a. Intergovernmental Cooperation Council – Eric Johnson
 - b. Aviation-Related Issues & Air Service – Eric Johnson
 - c. Economic Development & Leasing Activity – Eric Johnson
 - d. Monthly Financial Reports – Cheryl Trobough
9. Executive Session.



METROPOLITAN TOPEKA AIRPORT AUTHORITY
 TOPEKA REGIONAL | BILLARD AIRPORT
 AIRPORT & BUSINESS CENTER

Board of Directors

**Metropolitan Topeka Airport Authority
 Meeting at Combat Air Museum
 August 13, 2019**

Public Hearing for 2020 Budget.....2:30 PM

Chairman Wright opened the Public Hearing of the MTAA's 2020 Budget with the following Board members present: Mike Wilson and Lisa Stubbs. Neil Dobler and Tom Moses were unable to attend. Also in attendance were:

- Jay Freund of WSP USA, Inc.
- Gene Howerter, Combat Air Museum Chairman
- Dick Trupp, Dave Murray, Stu Entz and Kevin Drewelow of Combat Air Museum
- Bryan Smith, Attorney for Robert Zibell
- Col. J.T. O'Grady, MTAA Police & Fire Dept.
- Rod Niehaus, MTAA Maintenance
- Mike Entz of Entz & Entz, P.A.
- Tim Resner of Frieden & Forbes, LP - Legal Counsel to the Board

Other staff members present were Eric Johnson, Cheryl Trobough and Danielle Sheehy.

Chairman Wright asked Staff to present the budget for discussion. Mr. Johnson reported that as published, the proposed budget reflects a mill levy of 2.035 based on the current information provided by Shawnee County on the property valuation as of July 1, 2019. Mr. Wilson inquired if there had been any changes made to the 2020 budget since publication. Ms. Trobough replied that no changes have been made.

Chairman Wright addressed those present by asking if anyone would like to speak regarding the 2020 Budget as published. No one responded.

Chairman Wright adjourned the public hearing at 2:40 PM and announced that the Regular Board Meeting would convene at 3:00 PM.

At this time, Combat Air Museum member, Dave Murray, provided a report to the Board on the history and achievements of the Combat Air Museum, as well as the Capital Improvement's the museum has made to the hangars and grounds since 2012.

Regular Monthly Meeting3:00 PM

Chairman Wright brought the regular monthly meeting of the MTAA Board of Directors to order at 3:00 PM.

Item 1. Notice.

Chairman Wright asked if everyone who requested notification had been notified of this meeting. **Ms. Trobough replied that notifications were sent.**

Item 2. Approve Minutes of the MTAA's Regularly Scheduled Board Meeting of July 16, 2019.

Chairman Wright asked the Board to review the Minutes of the Regularly Scheduled Board Meeting of July 16, 2019. He asked if there were any additions, corrections or comments to the Minutes.

Ms. Stubbs moved to approve the Minutes of the Regularly Scheduled Board meeting held July 16, 2019 as presented. Mr. Wilson seconded the motion. Motion carried.

Item 3. Public Comment

Chairman Wright inquired if there was anyone registered to speak during Public Comment. Mr. Johnson replied that Bryan Smith had requested to address the Board. Mr. Smith addressed the Board on behalf of Robert Zibell, President of Rural Development Corporation, referencing Mr. Zibell's desire to lease a portion of the airport terminal parking lot to provide approximately 200 parking spaces for his tenant (KDHE) in Building #282.

Item 4. Adopt the Agenda.

Chairman Wright asked the Board to review the Agenda as presented. **Mr. Wilson made a motion to adopt the Agenda as presented. Ms. Stubbs seconded the motion. Motion carried.**

Item 5. Presentation by Combat Air Museum.

The presentation was made during the Public Hearing.

ACTION ITEMS:

Item 6. Consider Adoption of 2020 MTAA Budget Authorizing Certification to the Shawnee County Clerk.

Mr. Johnson reported that the MTAA Board is required to file a Certificate with the Clerk of Shawnee County, State of Kansas to certify that a public hearing for the MTAA FY-2020 Budget was held.

As presented to the Board, the 2020 tax levy limit, as determined by computation using the State of Kansas' budget forms, is \$3,577,680 without the submission of a resolution. Based upon the budget as published, the MTAA's Ad Valorem tax levy for FY-2020 will be \$3,518,827. Therefore, a resolution and the notice of vote to adopt are neither one required.

Mr. Johnson stated that each member of the Board is required to sign the Certificate to:

- a. Certify that the Public Hearing for Fiscal Year 2020 Budget was held;
- b. Approve and adopt the Budget as the maximum expenditures for the various funds for 2020;
- c. Certify that the amount of 2018 Ad Valorem Tax is within statutory limitations for the 2020 Budget; and
- d. Authorize Certification to the Shawnee County Clerk.

Ms. Stubbs made a motion to adopt the 2020 MTAA Budget and authorized Certification to the Shawnee County Clerk. Mr. Wilson seconded the motion. Motion carried.

Item 7. Consider Approval of MTAA Resolution No. 19-267 Authorizing the Acceptance of the Grant Offer from the Federal Aviation Administration for Phillip Billard Airport AIP #3-20-0082-021-2019. (Taxiway B&C Reconstruction)

Mr. Johnson reported that the grant offer for the Taxiway B & C Reconstruction Project was received from the Federal Aviation Administration (FAA) on the afternoon of August 8th.

Mr. Johnson requested the Board of Directors to consider adoption of MTAA Resolution No. 19-267, authorizing the MTAA President to accept the grant offer from the FAA in the amount of Three Million Eleven Thousand One Hundred Eighty-five Dollars and No Cents (\$3,011,185.00) for AIP Project #3-20-0082-021-2019.

The project is 90% funded by the FAA with the remaining 10% of the cost being the MTAA's responsibility. The total project cost and participant share is identified below:

<u>FAA Share</u>	<u>MTAA Share</u>	<u>Total Project</u>
\$3,011,185.00	\$334,577.00	\$3,345,762.00

Mr. Wilson made a motion to adopt Resolution No. 19-267 authorizing Mr. Johnson to sign for the acceptance of the Grant Offer from the Federal Aviation Administration. Ms. Stubbs seconded the motion. Motion carried.

Item 8. Consider Quotes for Pavement Crack Seal Project at Topeka Regional Airport and Phillip Billard Airport.

Mr. Johnson reported that with the purchase of the Crafcro pavement sealing equipment in 2018, MTAA maintenance staff has been able to complete more pavement repairs than in previous years. To continue this effort, additional product is required. A quote was obtained from Crafcro

for 18,000 pounds of Roadsaver Sealant 221 at \$0.635/lb., with freight included. The total material cost for this portion of the project is \$11,430.00. This is the FAA approved material for use on airports.

Mr. Johnson requested the Board to authorize staff to proceed with this project through Crafcoc at a total cost of Eleven Thousand Four Hundred Thirty Dollars (\$11,430.00).

Ms. Stubbs made a motion to authorize the purchase of material from Crafcoc at a cost not to exceed Eleven Thousand Four Hundred Thirty Dollars and No Cents (\$11,430.00). Mr. Wilson seconded the motion. Motion carried.

Item 9. Monthly Reports

9.a. Intergovernmental Cooperation Council – NO SUMMER MEETINGS

9.b. Aviation-Related Issues & Air Service – Mr. Johnson

Mr. Johnson provided the following report:

- After a challenge to the bids for the work on taxiway C and B at Billard, MTAA attorney and the FAA (again) concur with the award to Emery Sapp & Sons. The design is underway with construction to begin in the spring. A close eye is being kept on the deteriorating surface conditions repairs will be made as necessary.
- HTK has updated the restroom design for the terminal building security screening room. After some discussion, it has been decided to eliminate the exterior door on the North side of the building and delay the installation of a new door adjacent to this location until it is required in the future. Bidding will take place later this year with construction likely over the winter months.
- With the Board's approval to purchase additional product, pavement crack sealing will continue for a while. The Maintenance staff has been able to complete the sealing of more pavement surface since the purchase of the equipment, instead of having to complete all that they could in the two-week equipment rental period.
- The parking lot at the MTAA Administrative Office building is in poor condition and has been patched multiple times. Depending on the project estimate, there are funds available to complete the work this construction season, beyond the funding encumbered for the SE Axton project in 2020. A request for bids will be developed and advertised in time for consideration by the Board in September.
- Every three years, KDOT completes an airport inspection at Billard. The primary focus is to ensure the maintenance of clear approach paths to each of the runways. This inspection will take place on August 20th. Rita Eggenberger and Danielle Sheehy will be checking based aircraft and updating the Airport master record prior to the inspection.

9.c. Economic Development & Leasing Activity – Mr. Johnson

Mr. Johnson provided the following report:

- Joe Conroy Construction Co., a long-time tenant at the MTAA, will be vacating at the end of their current lease. When the building is turned back to the MTAA at the end of September, staff will need to prepare it for a new tenant. Estimates will be brought to the Board upon completion of the building inspection.
- There are plans to re-roof a couple buildings this year. MTAA Administrative Office (Bldg. #620) and the Maintenance shop at Billard (Bldg. #14) roofs are both need replacement. Discussing this with local roofers, it has been conveyed that the wet weather this year has everyone trying to play catch-up. It is expected that with RFB's at this time, work will be completed early 2020.

July Leasing activity –

- **LEASE ACTIVITY**

- New short-term agreement effective July 1 with T.R. Management (JB Turner & Sons) for storage in a portion of Bldg. #180;

- Two tenants exercised their option at a 2.0% (CPI) increase;
- Four tenants received 2.0% (CPI) increases
- Monthly rental income increased to \$164,291 or approximately \$1,971,500 per year.
- **DELINQUENT ACCOUNTS**
 - Advance Street Rod Design – Paul Kirk met the terms of the payment agreement in July;
 - Brackett, Inc. – Payment received in July has nearly paid the delinquency owed;
 - Midwest Health – This is the first time that payment was not received;
 - R&R Pallet All past-due rent has been paid and the only pending charges are the unpaid finance charges.

9.e. Monthly Financial Reports – Ms. Trobough

Ms. Trobough provided the following report:

- The report for the month ending 06/30/19 reflects revenue to be \$155,560 more than budgeted which is a net result from:
 - a. Taxes and Assessments receipts reflect to be \$106,298 less than the anticipated budget;
 - b. Landing Fees are \$23,015 more than the anticipated budget;
 - c. Fuel Flowage Fees are \$21,261 more than budgeted;
 - d. Contract Agreement Fees are \$16,250 over the budgeted \$7,000 fire protection fee for the State of Kansas at KDHE;
 - e. Passenger Facility Charges are \$495 less than the anticipated budget;
 - f. Lease & Rental Fees actual income reflects to be \$88,289 more than the budgeted amount;
 - g. Reimbursements total to be \$71,509 ahead of budget;
 - h. CD Interest income is \$55,493 more than the anticipated budget;
 - i. Water/Sewer Sales are \$58,019 under budget with Water/Sewer Costs reflecting to be under budget by approximately the same amount at \$37,073.
- Overall, the operating expenses are in-line with what we anticipate and depict a favorable budget variance of \$354,708.
- There were not any Capital Improvement purchases made during the month of June.

Mr. Wilson moved to accept and file the Monthly Financial Reports as presented for the month ended June 30, 2019. Ms. Stubbs seconded the motion. Motion carried.

Item 10. Executive Session

Chairman Wright inquired if there was a need for an Executive Session. Mr. Johnson asked for forty minutes to discuss legal matters, separately, with Mr. Entz and Mr. Resner. **Mr. Wilson moved that the meeting be recessed for the purpose of an Executive Session, pursuant to the Kansas Open Meeting Laws. The justification for this Executive Session is the need to preserve attorney-client confidentiality in the discussion of legal matters on contracts. Mr. Wilson said the Executive Session will be for a period not to exceed forty minutes beginning at 3:20 p.m. and this meeting shall reconvene at 4:00 p.m. Ms. Stubbs seconded the motion. Motion carried.**

Adjournment

Chairman Wright asked if there was any further business to discuss. **Mr. Wilson made a motion that the meeting adjourn. Ms. Stubbs seconded the motion. Motion carried. Meeting adjourned at 4:06 p.m.**

These official minutes were approved by the Board of Directors on September 17, 2019.

Office of: President

To: Board of Directors

From: Eric M. Johnson 

Subject: **Consider Bids for 2019 Street and Pavement Maintenance Program. (Board Action Required)**



Date: September 10, 2019

The 2019 Pavement Maintenance Program process began with staff conferring with Jay Freund, WSP for the appropriate methods for repairing the areas to be addressed. The project was advertised for bid and following the advertisement, staff met with the contractors to survey the areas and answer any questions they had.

The bid opening was held on September 10, 2019 at 10:00 a.m. with the following results:

Project Locations	Contractor: Bettis Asphalt & Construction Inc.	Contractor: Sunflower Paving Inc.
A: TRBC 6510 SE Forbes Ave. (approx. 4,000sq. yards)	\$42,400.00	\$38,600.00
B: TRBC 6500 SE Forbes Ave. (approx. 850sq. yards)	\$10,625.00	\$8,202.50
C: TRBC 6331 SE Forbes Ave. (approx. 1,450sq. yards)	\$17,255.00	\$13,992.50
D: TRBC Misc. pothole repair (approx. 25sq. yards)	\$4,125.00	\$1,500.00
TOTAL BID	\$74,405.00	\$62,295.00

Upon review of the bids offered by both contractors, staff determined Sunflower Paving Inc., the overall low bidder, provided the best value for the project. The bid falls well within the budgeted amount. I recommend the Board authorize staff to contract with Sunflower Paving Inc. for repair of the identified project areas at a cost of Sixty-Two Thousand Two Hundred Ninety-Five Dollars (\$62,295.00).

If there are any questions, please do not hesitate to contact me.

Office of: President
 To: Board of Directors

From: Eric M. Johnson 

Subject: **Consider Bids for the Purchase of New Self-Contained Breathing Apparatus (SCBA) for the MTA Fire Department. (Board Action Required)**



Date: September 10, 2019

All of the MTA Fire Department's self-contained breathing apparatus (SCBA) were purchased in 2005 and are nearing the end of their useful service life. The process to replace these units began with staff conferring with local fire departments to ensure interoperability during mutual aid events. It was determined there were at least two different manufacturers that would meet our requirements. The project was advertised for bid and following the advertisement, staff met with product representatives to answer any questions they had.


The bid opening was held on September 11, 2019 at 10:00 a.m. with the following results:

Bid Details		Vendor: Conrad Fire Equipment 887 North Jan-Mar Court Olathe, KS 66061	Vendor: Feld Fire Inc. 420 E. Hickory Court Mulvane, KS 67110
Quant	Item Bid	MSA G1	Scott X-3 Pro
26	SCBA Pack	\$122,266.56	\$120,672.76
19	Face Piece	\$4,573.11	\$13,551.37
52	Cylinder Bottle	\$43,938.96	\$52,057.72
1	RIT System	\$3,115.13	\$3,006.25
1	60-minute Cylinder	\$994.75	\$1,255.70
1	Fill Station Adapter	\$283.22	NO BID
	Initial Fit Test	\$0.00	\$0.00
	Initial Cert Training	\$0.00	\$0.00
	TOTAL BASE BID	\$175,171.73	\$190,543.80
	OPTIONS AVAILABLE:		
EACH	6-Bank Battery Charger	\$423.75	N/A
EACH	Rechargeable Battery Pack	\$218.83	N/A

Upon review of the bids offered by both contractors, staff determined Conrad Fire Equipment offering the MSA G1 SCBA, to be the overall low bidder and provided the best value for the SCBA's. The bid exceeds the budgeted amount in Line Item 92330 however, additional funds are available in the Emergency Needs line item 92270. I recommend the Board authorize staff to contract with Conrad Fire Equipment for purchase of the SCBA's at a cost of One Hundred Seventy-Five Thousand One Hundred Seventy-one Dollars and Seventy-three cents (\$175,171.73).

If you have any questions, please do not hesitate to contact me.

Office of: President
To: Board of Directors

From: Eric M. Johnson 



Subject: **Consider WSP USA Task Orders
#9 & #10 FOE Taxiway D Abandonment and
Taxiway A & E Reconstruction - Design &
Construction Inspection. (Board Action Required)**

Date: September 12, 2019

The Federal Aviation Administration (FAA) has identified three "hot spots" at Topeka Regional Airport. FAA guidance states that existing taxiway geometry meeting certain criteria should be improved whenever feasible. Taxiways A (Hot Spot 2) and Taxiway D (Hot Spot 1) are located at or near the approach end of Runway 3 and configured at approximately 45-degree angles to the runway. In accordance with current design standards, all entrance/exit taxiways should intersect the runway to allow aircraft to hold at 90-degree angles with the runway centerline. These taxiways are located within 500 feet of each other however, only one taxiway at the approach end of Runway 3 is necessary to meet operational needs. With the condition of the pavement surfaces, now is the time to address the reconfiguration to meet current taxiway design standards.

This project is for the design of the reconstruction and rehabilitation of segments of Taxiway Alpha and Echo and the abandonment of Taxiway Delta as provided for in the Master Plan Update. The recommendations for the extent of the project include the following:

1. Removal of Taxiway Alpha from the intersection of Taxiway Alpha and Taxiway Echo to Runway 3.
2. Reconstruction of Taxiway Alpha from the new intersection of Taxiway Alpha and Taxiway Echo to Runway 3 (90-degree intersections at the taxiway/taxiway and taxiway/runway intersections).
3. Rehabilitation of Taxiway Echo and Taxiway Alpha (from Taxiway Echo to Taxiway Delta).
4. Removal of Taxiway Delta.

The design work will finalize recommendations, as provided for in the master plan, and provide for the preparation of construction documents suitable for the purposes of advertising the project to prospective bidders.

WSP recently submitted this document which included the scope of work and construction engineering services fee. Following Board approval of this document, staff will make arrangements for an Independent Cost Estimate (ICE). The ICE is used to assist us with determining a fair value for the services provided and is an essential tool during negotiations of those fees.

The initial document provided by WSP identifies design and construction observation service costs of \$751,170.00. Upon receipt of the ICE, we will conduct our comparison of the WSP service fee and the ICE, and proceed with negotiations as necessary.

The breakdown of the design and construction observation services for Taxiway D Abandonment and Taxiway A & E Reconstruction project is:

FAA (90%)
\$676,053.00

MTAA (10%)
\$75,117.00


Agreement Breakdown:

Design Services – For the design services (36184I), the fixed price (lump sum) amount of Three Hundred Fifty-Nine Thousand Two Hundred Seventy Dollars and Zero Cents (\$359,270.00).

Construction Observation – For the construction observation services (36184J), the cost plus a fixed fee with a total amount of Three Hundred Ninety-One Thousand Nine Hundred Dollars and Zero Cents (\$391,900.00), where the fixed fee amount is set at Thirty-Nine Thousand Six Hundred Forty-Seven Dollars and Twenty-Eight Cents (\$39,647.28).










I request the Board to approve, subject to legal review by MTAA counsel and FAA approval, Task Order Agreement No. 9 & 10 – FOE Taxiway D Abandonment and Taxiway A & E Reconstruction - Design & Construction Inspection, in the amount of Seven Hundred Fifty-one Thousand One Hundred Seventy Dollars (\$751,170.00).

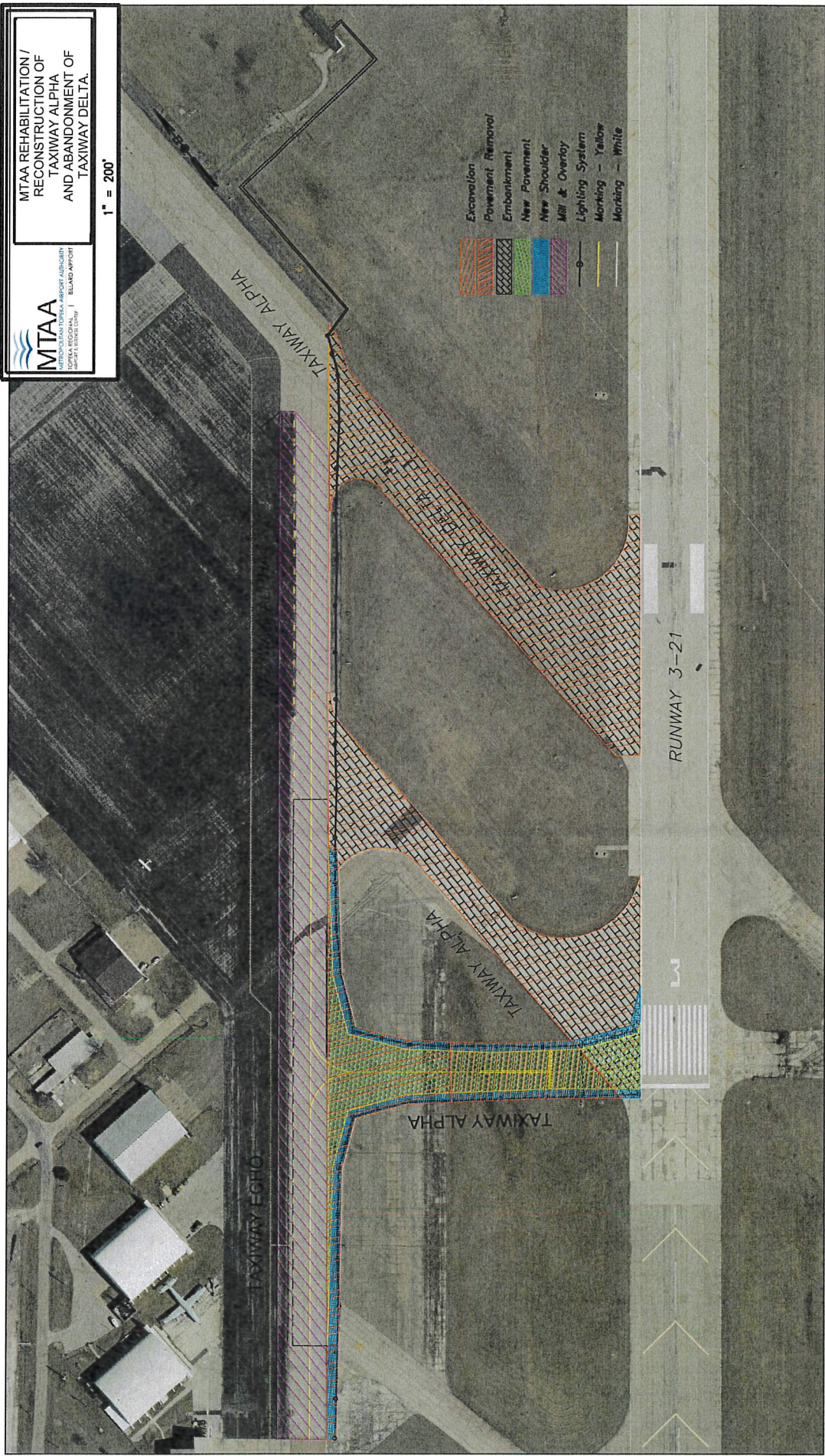
Please contact me if you have any questions.


MTAA
 METRO ATLANTA TRANSIT AUTHORITY
 REGIONAL AIRPORT AUTHORITY
 BILLY RAYBURN AIRPORT

**MTAA REHABILITATION/
 RECONSTRUCTION OF
 TAXIWAY ALPHA
 AND ABANDONMENT OF
 TAXIWAY DELTA.**

1" = 200'

-  Excavation
-  Pavement Removal
-  Embankment
-  New Pavement
-  New Shoulder
-  Mill & Overlay
-  Lighting System
-  Marking - Yellow
-  Marking - White



PROFESSIONAL SERVICES AGREEMENT

WSP Agreement No. 9

Task Order No. 9 – FOE Taxiway Alpha & Echo Reconstruction / Rehabilitation and Taxiway Delta Abandonment – Design

Task Order No. 10 – FOE Taxiway Alpha & Echo Reconstruction / Rehabilitation and Taxiway Delta Abandonment – Construction Observation

This Agreement No. 9 is made and entered into this _____ day of _____, 2019, by and between the **Metropolitan Topeka Airport Authority**, with offices at 6510 SE Forbes Avenue, Suite 1, Topeka, Kansas 66619, (hereinafter called the "OWNER"), and **WSP USA, Inc.**, a New York corporation, with offices at 300 Wyandotte, Suite 200, Kansas City, Missouri 64105 (hereinafter called "WSP" or "CONSULTANT").

WITNESSETH

WHEREAS, the parties entered into a Professional Services Agreement on March 23, 2015 (hereinafter called the "Agreement");

WHEREAS, Owner has determined the need for WSP to perform certain Services;

NOW, THEREFORE, for the consideration hereinafter set forth, the parties do mutually agree as follows:

1. Scope of Services

WSP shall perform the Services and provide the deliverables as set forth in Exhibit TO-9-A.

2. Schedule

WSP shall provide the services stated above in accordance with a schedule set forth in Exhibit TO-9-B.

3. Compensation

A. The OWNER shall compensate CONSULTANT for the performance of the SERVICES stated above,

1. For the design services (36184I), the fixed price (lump sum) amount of Three Hundred Fifty-Nine Thousand Two Hundred Seventy Dollars and Zero Cents (\$359,270.00).

PROFESSIONAL SERVICES AGREEMENT

2. For the construction observation services (36184J), the cost plus a fixed fee with a total amount of Three Hundred Ninety-One Thousand Nine Hundred Dollars and Zero Cents (\$391,900.00), where the fixed fee amount is set at Thirty-Nine Thousand Six Hundred Forty-Seven Dollars and Twenty-Eight Cents (\$39,647.28).

B. In the event that additional services are required for the project, the hourly rates provided for in Exhibit TO-9-C1 will be utilized for Design Phase Services & Exhibit TO-9-C2 will be utilized for Construction Observation Services in the negotiation process.

4. Both parties agree that this Agreement No. 9 - FOE Taxiway Alpha & Echo Reconstruction / Rehabilitation and Taxiway Delta Abandonment – Design & Construction Observation shall be made part of the Agreement between Owner and WSP, and except as amended herein, all terms, covenants and conditions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, this Agreement No. 9 - FOE Taxiway Alpha & Echo Reconstruction / Rehabilitation and Taxiway Delta Abandonment – Design & Construction Observation has been executed by Owner and WSP, effective from the day and year first written above.

METROPOLITAN TOPEKA AIRPORT AUTHORITY

WSP USA, INC.

Signature

Eric M. Johnson
President and Director of Airports

Typed Name/Title

Signature

Agnes Otto
Area Manager

Typed Name/Title

Date of Signature

Date of Signature

ATTEST:

Signature

Cheryl Trobough
Director of Administration & Finance

Typed Name/Title

Signature

Heather Gardner
Project Administrator

Typed Name/Title

SCOPE OF SERVICES

FOE Taxiway Alpha & Echo Reconstruction / Rehabilitation and Taxiway Delta Abandonment – Design & Construction Observation Services Task Order Nos. 9 & 10

WSP AGREEMENT NO. 36184I & 36184J

PROJECT DESCRIPTION

Metropolitan Topeka Airport Authority (MTAA) has expressed a desire to reconstruct/rehabilitate Taxiway Alpha and Taxiway Echo and abandon Taxiway Delta at Topeka Regional Airport in Topeka, Kansas, to enhance safety by improving selected taxiway pavements and to improve select taxiway/taxiway and taxiway/runway intersection geometrics. The MTAA desires to have the CONSULTANT provide design engineering services and the construction observation services for this project.

SCOPE OF CONSULTANT SERVICES – DESIGN SERVICES

I. Project Objective:

A. Background.

This project is for the design of the reconstruction and rehabilitation of segments of Taxiway Alpha and Echo and the abandonment of Taxiway Delta at Topeka Regional Airport, Topeka, Kansas, as provided for in the Master Plan Update for Topeka Regional Airport, November 2016. The recommendations for the extent of the project include the following:

1. Removal of Taxiway Alpha from the intersection of Taxiway Alpha and Taxiway Echo to Runway 3.
2. Reconstruction of Taxiway Alpha from the new intersection of Taxiway Alpha and Taxiway Echo to Runway 3 (90 degree intersections at the taxiway/taxiway and taxiway/runway intersections).
3. Rehabilitation of Taxiway Echo and Taxiway Alpha (from Taxiway Echo to Taxiway Delta).
4. Removal of Taxiway Delta.

The design work will finalize recommendations, as provided for in the master plan, and provide for the preparation of construction documents suitable for the purposes of advertising the project to prospective bidders. Provisions for the growing aircraft fleet mix into the current traffic distribution (by re-visiting recently tower-collected aircraft data without providing detailed forecasting services and FAA-provided data) are to be incorporated in this design.

B. Physical Project Goals:

1. Reconstruction of taxiway pavements shall be seventy-five (75) feet in width.
2. Surfaced shoulders shall be provided on either side of the taxiways.

3. Design Aircraft
 - i. Civilian: Boeing 737
 1. Aircraft Approach Group C
 2. Design Group III
 3. Taxiway Design Group 3
 - ii. Military
 1. KC-135 Stratotanker
 2. Aircraft Approach Group C
 3. Design Group IV
 4. Taxiway Design Group 4
4. Taxiway Safety Area shall be 118 feet.
5. Taxiway Object Free Area shall be 186 feet.
6. New taxiway pavement systems will include a stabilized subgrade, stabilized base layer, and either an Asphaltic Concrete pavement or Portland Cement concrete pavement.
7. Significant adjustments to the vertical profile of the existing taxiways improvements are not anticipated.
8. New Medium Intensity Taxiway Lighting system (MITL) will be installed as part of the reconstruction of the pavement, in accordance with current FAA design standards.
9. It is assumed that modifications or improvements will be made to the existing constant current regulators (CCRs) in the power vault as a part of this project. In addition, the existing relay control (low-voltage control) system in the power vault will be replaced due to age and availability of replacement parts.
10. It is assumed that no new signage will be installed or improvements/modifications to existing signage will be made as a part of this project.

C. Funding

1. CONSULTANT will assist the MTAA in the development of the funding percentages of the participating agencies. As of the date of this agreement, those agencies are the MTAA and the Federal Aviation Administration (FAA). It is anticipated that funding assistance from the Kansas Air National Guard will be incorporated into the project elements in the future.
2. FAA funding is assumed to be 90% for all Airport Improvement Program (AIP) eligible project items.

D. Division of Engineering Work to Be Performed By WSP.

1. Phase One (Task Order No. 9) of the project work, based upon the preliminary design recommendations presented the master plan update for Topeka Regional Airport, consists of the development of the engineering design and construction documents, assisting the MTAA in advertising the project to prospective bidders, assisting at the bid opening, performing bid analysis of bids received from

prospective bidders, and developing a recommendation for award of a contract to the lowest, most responsible bidder.

2. Phase Two (Task Order No. 10) of the project work calls for the performance of Construction Services, administration and observation in conformance with FAA requirements for grant reimbursement, during the construction stage of the project, should the construction of the project be authorized and funded by the FAA and other participating entities.

II. Project Task Descriptions:

A. General:

1. CONSULTANT shall provide design services for the project that consists of field investigations, analysis, design rationale, design, presentation of final reports, and construction documents (plans and specifications) for the purposes of bidding based upon the recommendations set forth in the master plan update.
2. CONSULTANT shall assist the MTAA, in the preparation of documentation required to comply with Federal and State Environmental requirements. It is assumed that a Categorical Exclusion (CatEX) per the National Environmental Policy Act clearances will be required for this project and are not a part of this scope of services.
3. CONSULTANT shall prepare *Notice of Intent for Authorization to Discharge Storm Water Runoff from Construction Activities In accordance with the Kansas Water Pollution Control General Permit Under the National Pollutant Discharge Elimination System (NPDES)* for submission to the Kansas Department of Health & Environment. Agencies to be contacted shall include the Kansas Department of Health & Environment-Construction Storm Water Pollution Plan Permit, Kansas State Historical Society-Archeological/Historical Clearance, and Kansas Department of Wildlife, Parks & Tourism-Endangered Species, the United States Army Corps of Engineers, and the United States Fish & Wildlife Service. These applications and submittals to obtain approvals, permits and waivers from KDHE required to construct the project shall be the responsibility of CONSULTANT acting on behalf of the MTAA. The MTAA shall be responsible for required application and/or permit fees. If written approvals cannot be obtained from the regulatory agency, the CONSULTANT shall issue written correspondence to the regulatory agency and copy the MTAA stating specifically what has been agreed to verbally and incorporated into the contract documents.
4. No other permits or certifications, aside from the items mentioned in the two immediately previous paragraphs, are anticipated or included in the scope of services for the project.

B. Specific Tasks:

The CONSULTANT shall prepare the final design of the pavement reconstruction/rehabilitation for the project with the FAA Advisory Circulars as listed in

Section II B.17 or in effect as of the date of this agreement, as applicable. Design scope items shall include the following:

1. Topographic Survey of the existing taxiways and taxiway safety areas. Topographic information to be collected 112.5 feet left and right of the taxiway centerline along cross-section spaced at 100-foot intervals. More detailed information to be collected at pavement intersection areas and other features located within the 100-foot collection zone (signs, drainage structures, other structures, underground cables (as marked by the MTAA), and other significant features). Included with this task will be the location of existing storm sewer inlets, elevations of storm sewer conduit flow lines and their respective conduit sizes within the survey limits.

The survey shall be obtained by a licensed land surveyor licensed in the State of Kansas. The control for this survey shall comply with the applicable requirements of FAA Advisory Circular (AC) 150/5300-16A, *General Guidance and Specifications for Aeronautical Surveys: Establishment of Geodetic Control and Submission to the National Geodetic Survey*. The survey is not required to, nor will it be intended to, meet the FAA's AC 150/5300-17A and/or 150/5300-18A. The topographic survey shall be based upon existing airport monumentation.

All surveying activities will be coordinated with the MTAA Operations staff and, as appropriate, the airport Air Traffic Control Tower (ATCT). Closure of the runways or taxiways by the MTAA during survey operations will be based upon the MTAA's determination regarding the need to close the runways and taxiways.

2. Obtain Geotechnical Subsurface Exploration information (1 boring per 500 feet of taxiway) along Taxiway Alpha, two borings along Taxiway Delta, two borings for the re-aligned portion of Taxiway Alpha, and two borings in the existing abandoned pavement adjacent to Taxiway Alpha. The bores on Taxiway Alpha and the realigned portion of Taxiway Alpha will include a pavement core at these locations and a soil sample at each boring location. Shelby tube samples shall be collected at each location with soil classifications and California Bearing Ratio (CBR) tests being run on soil samples from each location.

A geotechnical report will be produced including the results of the soil bores and will include testing for moisture, soil classification, LL/PL and gradation. Closure of Taxiway Alpha, Delta, and Runway 3-21 by the MTAA will be required during the field operations of the geotechnical engineer.

3. Costs associated with collecting and analyzing the data for both areas referenced in Items 1 and 2 above are included in the base cost proposal for this final design.
4. Final field verification with MTAA and FAA local facilities personnel of known utility locations within the project limits.
5. Final determination of limits of work, contractor staging areas, access routes and airport security related requirements.
6. Final pavement analysis and design, including selection of pertinent materials, based upon the most recent traffic numbers collected by the MTAA, the FAA or

the Air Traffic Control Tower. A traffic forecast will be generated from these current traffic numbers and will be corroborated with FAA for concurrence. FAA FAARFIELD pavement design software will be used for the analysis.

The scope of services shall include:

- Review of field investigations and testing
- Analysis of current traffic conditions, comparison to published historic forecasts and projection of future forecast for purposes of a 20-year pavement design
- FAARFIELD computer runs to provide the design pavement rehabilitation section
- Benefit cost analysis comparing bituminous pavements to Portland Cement Concrete Pavements.
- Preparation of the pavement design report for FAA submittal, review and approval
- Development of pavement materials specifications.
- Provision of maintenance plan and associated operational budget for the approved design section

7. Preparation of Design Rationale Report (Engineer's Report on Design).
 - a. Prepare the final Design Rationale Report (DRR) for review and approval. The DRR shall outline the project objective and a projected "Scope of Work" in narrative form, identify and describe specific approaches to accomplish the intent, the phasing of the work, requirements including a discussion of the project impact on the airport's operation, as well as any personnel requirements.
 - b. Included in the DRR, the CONSULTANT's Opinion of Probable Costs for the project, in a format approved by the MTAA, bidding alternatives, and other options required to keep the project cost within the MTAA's designated budget. The CONSULTANT's Opinion of Probable construction cost will be based on the CONSULTANT's professional's experience and judgment and shall be deemed to represent the CONSULTANT's opinion. The CONSULTANT has no control over the cost of labor, material, equipment and other relevant factors that could influence the ultimate construction costs. Thus, the CONSULTANT does not guarantee that proposals, bids or the actual facility cost will be the same as CONSULTANT's opinion of probable construction cost or that construction costs will not vary from its opinions of probable cost.
 - c. The report shall also include a proposed construction performance schedule with critical milestone dates in Gantt chart form for the project using elapsed time from the NTP. It shall include as a minimum the following:
 - i.) Mobilization:
 - Engineering (if applicable)
 - Calculations
 - Drawing Approval
 - ii.) Procurement:
 - Submittals
 - Shop Drawing Approval (if applicable)

- Fabrication and Delivery
 - iii.) Construction schedule including critical milestone dates:
 - iv.) Construction sequence, phasing, interface with other construction, and operations
 - v.) Startup
 - vi.) Commissioning
 - vii.) Closeout
- d. The CONSULTANT shall prepare the DRR in accordance with FAA Central Region AIP Sponsor Guide, Section 920. The DRR shall include the following at a minimum:
- i.) Description of work (including AIP participation limits)
 - ii.) Listing of applicable design standards
 - iii.) Design Considerations for airport Operational Safety
 - iv.) Summary of the design computations
 - v.) Justification for selection of design materials
 - vi.) Life Cycle analysis (if applicable)
 - vii.) Summary of preliminary project budget
 - viii.) Identification of modifications to FAA standards.

The DRR should follow the recommended outline.

- i.) General Scope of Project
 - ii.) Photographs
 - iii.) Design Advisory Circulars
 - iv.) Design Standards
 - v.) Non-AIP work
 - vi.) Airport operational safety
 - vii.) Site Conditions
 - viii.) Pavement Design
 - ix.) Material Availability
 - x.) Pavement Marking
 - xi.) Lighting
 - xii.) Signage
 - xiii.) Miscellaneous Work Items
 - xiv.) FAA Owned Facilities
 - xv.) Utility Lines
 - xvi.) Engineer's Estimate
 - xvii.) Project Budget
 - xviii.) Sponsor Modifications to Standards
 - xix.) DBE participation
 - xx.) Pre-design meeting minutes
8. Final pavement profile and grading transition contours at intersecting runways and taxiways.
9. Final design and details of associated items related to the completion of this project:
- b. Pavement Removal & Reconstruction Limits

- c. Typical Sections
 - d. Pavement Markings
 - e. Seeding, Mulching, and Fertilizing Limits
10. Final design and details associated with removal of the existing Medium Intensity Taxiway Lights (MITL) (edge lighting system) and installation of new Medium Intensity Taxiway Lighting system (MITL), in accordance with FAA design criteria and standards.
 11. It is anticipated that there are no FAA owned NAVAID equipment to be removed or moved/relocated as part of this project.
 12. It is anticipated that the project design and construction documents will be developed such that the project is designed and bid as one project. The construction of the project will take place during the course of one construction season (2021). Final construction phasing and maintenance of traffic will be based upon a preliminary phasing meeting to be held during the preliminary design stages of the project and the understanding between stakeholders as to which phasing scheme to use for the project. Included in this effort will be to chair two stakeholder meetings to discuss the proposed and final construction safety and phasing plan. CONSULTANT shall prepare a formal, final Construction Safety Phasing Plan (CSPP) document to be included in the contract documents for the bid set and contractor. CONSULTANT shall prepare a Construction Safety and Phasing Plan (CSPP) for review and comment by the MTAA and the Federal Aviation Administration. CSPP shall be developed in accordance with FAA Advisory Circular 150/5370-2G.

As part of the production of the CSPP, CONSULTANT shall prepare the FAA 7460-10 forms required for outlining the proposed access routes to the project site and on-field staging areas.
 13. For this project, a Safety Risk Assessment (SRA) will not be conducted with the FAA Airports Division facilitating the meetings. CONSULTANT shall lead a SRA with project stakeholders as part of the CSPP meetings to gain stakeholders' input and "buy-in" on the phasing and safety requirements of the construction documents.
 14. Final preparation and production of construction plans and (front end/technical) specifications for purposes of bidding, and preparation of estimates of probable construction costs. The construction cost estimates will be based on CONSULTANT's professional's experience and judgment and shall be deemed to represent CONSULTANT's opinion. CONSULTANT has no control over the cost of labor, material, equipment and other relevant factors that could influence the ultimate construction costs. Thus, CONSULTANT does not guarantee that the actual facility cost will be the same as CONSULTANT's estimate of probable construction cost or that construction costs will not vary from its opinions of probable cost.
 15. Assist the MTAA with the tracking of MTAA and FAA funding agency share items.

16. Assistance with Bidding to include advertising the project, opening the project bids, analysis of the bids, and a recommendation for the award of the contract by MTAA Board of Directors. Documents used for bid advertisement shall consist of construction drawings and the project manual (front end and technical specifications) for distribution in a PDF format to prospective bidders. Printed materials will be made available to prospective bidders at a local print shop of CONSULTANT's selection at cost to the prospective bidders.

The services provided in this agreement provide for bid phase services for one bid advertisement, one bid opening, one bid analysis, and one bid recommendation. Should additional bid openings be required, the services provided for these additional bid openings shall be considered additional work and require supplement fee agreements to provide for these additional work services.

17. Listing of Applicable Federal Aviation Administration Advisory Circulars

The following listing of FAA Advisory Circulars (or the version of the Advisory Circular listed below that is in effect as of the date of this agreement) shall be the Advisory Circulars used to produce the design of the project work.

Modifications or changes to work developed in accordance with the listed or the Advisory Circular(s) in effect as of the date of this agreement may constitute additional work if required by subsequent revisions to these Advisory Circulars. If it is determined that revisions in Advisory Circulars issued subsequent to the effective date of this agreement require modifications or changes to the work, CONSULTANT shall notify MTAA as soon as possible for purposes of negotiating the fees associated with the relevant additional work.

AC NUMBER	DATE	DESCRIPTION
150/5300-13A	02-26-2014	Airport Design
150/5300-16B	07-08-2019	General Guidance and Specifications for Aeronautical Surveys: Establishment of Geodetic Control and Submission to the National Geodetic Survey
150/5320-5D	08-15-2013	Airport Drainage Design
150/5320-6F	11-10-2016	Airport Pavement Design and Evaluation
150/5340-1M	05-10-2019	Standards for Marking Airfield Pavements
150/5340-18G	05-10-2019	Standards for Airport Sign Systems
150/5340-30J	02-12-2018	Design and Installation Details for Airport Visual Aids
150/5345-3G	09-29-2010	Specification for L-821, Panels for Control to Airport Lighting
150/5345-7F	08-19-2013	Specification for L-824 Underground Electrical Cable for Airport Lighting Circuits
150/5345-10H	11-05-2014	Specification for Constant Current Regulators and Regulator Monitors
150/5345-26D	09-30-2008	FAA Specification for L-823 Plug and Receptacle, Cable Connectors
150/5345-42H	11-06-2015	Specification for Airport Light Bases, Transformer Housings, Junction Boxes, and Accessories
150/5345-46E	03-02-2016	Specification for Runway and Taxiway Light Fixtures

150/5345-47C	07-22-2011	Specification for Series to Series Isolation Transformers for Airport Lighting Systems
150/5345-53D	09-26-2012	Airport Lighting Equipment Certification Program (& Addendum)
150/5345-55A	06-27-2007	Specification for L-893, Lighted Visual Aid to Indicate Temporary Runway Closure
150/5345-56B	09-29-2011	Specification for L-890 Airport Lighting Control and Monitoring System (ALCMS)
150/5370-2G	12-13-2017	Operational Safety on Airports during Construction
150/5370-10H	12-21-2018	Standards for Specifying Construction of Airports
150/5370-12B	09-14-2015	Quality Management for Federally Funded Airport Construction Projects

18. Listing of Potential Sheets in the Construction Drawings (may not be inclusive)

SHEET	DESCRIPTION
1	Cover Sheet
2	Location Map
3-5	Construction Sequencing
6	Safety Plan
7-8	Traffic Control Plan
9	Summary of Quantities
10-15	Tabulation of Quantities
21	Typical Sections
22-24	Taxiway Demo Sheets
25-29	Taxiway Improvement Sheets

SHEET	DESCRIPTION
29-32	Taxiway Intersection Sheets
33-35	Pavement Marking Layout Sheets
36-39	Taxiway Lighting Layout Sheets
40-45	Power Vault Layout & Detail Sheets
46-48	Temporary Erosion Pollution Control Layout
49	Temporary Erosion Pollution Control Details
50-60	Cross Sections

III. Project Schedule:

CONSULTANT shall complete this project in accordance with the schedule provided in Exhibit TO-5-B, Schedule, based on the MTAA's Notice to Proceed (NTP) to the CONSULTANT:

If NTP is delayed or project must be temporarily shut down due to winter weather conditions, MTAA and CONSULTANT may need to negotiate for additional fees and revise the project schedule.

IV. Project Sustainability Initiatives:

- A. The CONSULTANT shall utilize electronic correspondence and electronic documents when communicating or transferring information between the CONSULTANT, the MTAA, and certain project stakeholders. Information/documentation exchanged shall include, but is not limited to, project related materials such as project memorandum and correspondence, required project submittals, review comments and disposition, and the project quality control program and checks.

- B. The overall purpose of the use of electronic media shall be to minimize the need for the printing of hardcopy materials (unless specifically required by this Agreement), to facilitate timely exchange and reviews of project related materials, and provide a comprehensive record of the project design activities.

V. Project Deliverables:

- A. CONSULTANT shall submit two (2) sets each of at the 30% and 90% level of construction drawings, front end and technical specifications, the CSPP, and the Engineer's Report on Design for FAA review and comment.
- B. CONSULTANT shall submit two (2) sets each of a final (100% level) of construction drawings, front end and technical specifications, the CSPP, and the Engineer's Report on Design for purposes of document the final design and advertising for bidding. CONSULTANT and MTAA can only advertise for bidding upon addressing in writing each of FAA's comments on 90% submittal to the FAA's satisfaction and receiving in writing an approval from the FAA to advertise.
- C. CONSULTANT shall pay for all reproduction, printing and distribution cost associated with progress submissions. CONSULTANT will not be responsible for costs for reproduction, printing and distribution associated with prospective bidders (bid advertisement and bidding purposes).

VI. Progress Meetings & Reports:

CONSULTANT shall submit bi-weekly progress reports, preferably single page summaries, to the MTAA. Progress reports will document decisions made and work progress during period, work scheduled for next period, problems and open issues. The overall project schedule will be updated bi-weekly and submitted as part of the progress reports.

VII. Meetings and Presentations:

- A. CONSULTANT shall attend periodic design and coordination meetings (three (3) meetings maximum), and shall attend and chair formal design review meetings for the project specific milestone submittals (30% and 90% review). CONSULTANT shall also make presentations of project design information, cost, schedules, etc., to appropriate persons or groups, including outside and/or oversight agencies (two (2) meetings maximum). CONSULTANT shall take notes and distribute draft minutes of all presentations and meetings for review, address comments received, and distribute final minutes for each meeting or presentation within five working days to maintain the effectiveness of the effort and the schedule of the project.
- B. Throughout the duration of the design phase of work, it is anticipated that formal bi-weekly project coordination meeting shall be held at the MTAA's offices or at the project site. The CONSULTANT's Project Manager and/or his/her designee(s) shall

attend an assumed 13 maximum number of meetings (in total) as required by the MTA.

VIII. Document Archiving:

- A. The CONSULTANT shall prepare Final Design Services documents for archiving. Items to be archived include, but are not limited to, correspondence and minutes. CONSULTANT shall also review all documents for project closeout for content and elimination of duplicates. Items previously included in submissions are not required to be re-submitted.
- B. Items shall be archived on electronic disk (CD or DVD), containing the original documents in their appropriate format, that is, ".docx", ".xlsx", or ".mpp" and all documents in ".pdf" format. All pages in the ".pdf" format files shall be orientated correctly so that they can be read upon opening. File sizes of the ".pdf" format files should be minimized as much as possible for easier download and viewing. Typical file sizes should not exceed 2 MB per file. Files should be generated from the electronic source files versus scanned images from a hard copy, when possible.

IX. Sub-consultants:

CONSULTANT may utilize the services of the subconsultants listed for the corresponding services:

FIRM NAME	COMPLETE ADDRESS	NATURE OF SERVICES
Bartlett & West Engineers	1200 SW Executive Drive Topeka, Kansas 66615	Topographic Survey Services
GeoSource, LLC	1605 SW 41st Street Topeka, Kansas 66609	Geotechnical Subsurface Soil Exploration Services
Applied Pavement Technology	115 West Main Street, Suite 400 Urbana, Illinois 61801	Pavement Design Services
Latimer Sommers & Associates, PA	3639 SW Summerfield Drive, Suite A Topeka, KS 66614-3972	Electrical Design Services

- A. Sub-consultant, Bartlett & West will provide topographic survey services as defined in this agreement.
 - 1. Survey services and associated fees are provided on Exhibit TO-9-E – Subconsultant Services.
- B. Sub-consultant GeoSource, LLC will provide soil and pavement coring and testing services and geotechnical engineering as defined in this agreement.
 - 1. The schedule of tests, number of tests, and rate charges as well as the associated engineering services and fees for testing services are provided on Exhibit TO-9-E

– Subconsultant Services.

- C. Sub-consultant Applied Pavement Technology will provide pavement design services.
 - 1. Design services and associated fees are provided on Exhibit TO-9-E Subconsultant Services.

- D. Sub-consultant Latimer Sommers & Associates, PA may conduct electrical engineering design services as directed by CONSULTANT for minor modifications and/or connections of circuitry in the airfield lighting vault as associated with the reconnection of existing circuits of the modified taxiway edge lighting systems.
 - 1. Electrical engineering design services and associated fees are provided on Exhibit TO-9-E – Subconsultant Services.

END OF SCOPE OF SERVICES - DESIGN SERVICES

SCOPE OF CONSULTANT SERVICES – CONSTRUCTION ENGINEERING SERVICES

I. Project Objectives:

- A. This agreement is for the construction engineering services of the reconstruction and rehabilitation of segments of Taxiway Alpha and Echo and the abandonment of Taxiway Delta at Topeka Regional Airport, Topeka, Kansas, for the Metropolitan Topeka Airport Authority.
- B. Funding
 - 1. CONSULTANT will assist the MTAA in the development of the funding percentages of the participating agencies. As of the date of this agreement, those agencies are the MTAA and the Federal Aviation Administration (FAA). It is anticipated that funding assistance from the Kansas Air National Guard will be incorporated into the project elements in the future.

II. Project Description:

- A. CONSULTANT shall provide construction engineering services for the reconstruction and rehabilitation of segments of Taxiway Alpha and Echo and the abandonment of Taxiway Delta in accordance with Advisory Circular 150/5370-10H, Standards for Specifying Construction of Airports and the FAA AIP Sponsors Guide, Sections 1030 through 1080, dated 8/12/14. Construction Services shall include construction administration, construction observation, and construction testing services for runway closure and reconfiguration project. Construction Services scope items shall include the items listed in *Section IV, Construction Engineering Services Tasks* of this document.

III. Project Sustainability Initiatives:

- A. CONSULTANT shall utilize electronic correspondence and electronic documents when communicating or transferring information between CONSULTANT, the MTAA, the FAA, the Contractor and certain project stakeholders. Information/documentation exchanged shall include, but is not limited to, project related materials such as project memorandum and correspondence, required project submittals, review comments and disposition, and the project quality control program and checks. This system shall also be used to the most practical extent possible for shop drawing and Requests for Information (RFI) reviews and tracking.
- B. The overall purpose of the use of electronic media shall be to minimize the need for the printing of hardcopy materials (unless specifically required by this Agreement), to facilitate timely exchange and reviews of project related materials, and provide a comprehensive record of the project design activities.

IV. Construction Engineering Services Tasks:

- A. Task Description: CONSULTANT's work effort under this contract shall specifically include the following tasks:
 - 1. Attend and conduct a pre-construction conference for the taxiway reconstruction project. Minutes of the conferences will be prepared by CONSULTANT and

- distributed to attendees.
2. Assist MTAA with coordinating contractor(s) schedule, his access to the site, and runway/taxiway closures for taxiway reconstruction project work.
 3. Finalize the Construction Observation Program (COP) report in accordance with FAA requirements including contact information, supervisor's name, quality control testing firm's name, etc. from the awarded contract. Submit to MTAA / FAA for review and acceptance.
 4. Provide full-time construction observation services, including preparation of weekly progress reports, DBE reports, measurement of quantities of work completed and/or installed, provide coordination for testing for quality assurance purposes, and review wage reports to document the prosecution and progress of the Project. Should additional site visits be required by the MTAA which are in excess of those identified in Exhibit TO-9-C2, resulting in the need for additional services, a modification to this Task Order contract may be negotiated for these additional costs and potentially for additionally schedule (period of service). Assumed site visits and presence on the project site include:
 - a. Taxiway Alpha & Echo Reconstruction/Rehabilitation
 - i. 2 site visits by Project Principal
 - ii. Partial presence of Project Manager (Engineer)
 - iii. Full-time presence of Resident Project Representative
 - iv. Provide for part-time presence of Resident Project Representative Assistants to provide for inspection for various work items in the project and other duties as needed for the construction engineering services.
 - v. 120 calendar day contractor performance period (w/o project start-up period and project closeout report period)
 5. Prepare Payment Recommendations, review contractor(s) pay requests, and submit to MTAA. Prepare and negotiate Change Orders, if needed.
 6. Conduct bi-weekly construction progress meetings to review progress with contractor(s) and MTAA. Formal meetings will be held in person at the MTAA Administrative Offices or the project job trailer. Standing agenda for these meetings will be: safety, progress made against contractor schedule, 2 week look ahead, technical issues, and progress payment status or other contractual issues.
 7. Provide for quality assurance testing services for materials and construction techniques. Monitor and review test results and provide a determination of acceptance for the particular item of work based upon the tests performed. Develop pay factors for those items that require pay factor adjustments as provide for in the project technical specifications. Report all results to the MTAA on a weekly basis.
 8. Review shop drawing submittals and request for information by contractor(s) for field change conditions and verifications.
 - a. Number of Shop Drawing Reviews included in this agreement – 30.
 - b. Number of Requests for Information included in this agreement – 3.
 - c. If additional Shop Drawing Reviews or Requests for Information are required, MTAA and CONSULTANT may need to negotiate for additional

- fees.
- d. CONSULTANT's review of shop drawings is only for limited purpose of checking for general conformance of with the design concept. The review is not for the purpose of determining accuracy and completeness of details or verifying dimensions and quantities. The approval of shop drawings does not indicate CONSULTANT's approval of contractor means and methods, technique, sequence or safety precautions and procedures.
- 9. Perform punch list and final inspection with the MTAA, FAA and the Contractor. It is assumed that one final inspection will be made for the taxiway reconstruction project. If additional inspections need to be made after the contractor(s) address the punch list and final inspection unaccepted items, a supplement to this agreement may be negotiated.
 - 10. Prepare Record Drawings.
 - 11. Prepare a final construction report.

V. Project Deliverables:

- A. CONSULTANT shall submit two (2) hard copies of the final construction report for submission to the MTAA. One (1) electronic copy of the final construction report shall be prepared for the MTAA. CONSULTANT shall forward one electronic copy of the final construction report to the FAA.
- B. CONSULTANT shall submit two (2) sets of the record drawings for submission to the MTAA. One (1) electronic copy of the record drawings shall be prepared for the MTAA. CONSULTANT shall forward one electronic copy of the record drawings to the FAA.
- C. CONSULTANT shall pay for all reproduction, printing and distribution costs associated with the submittal of the final construction report and record drawings.

VI. Progress Meetings & Reports:

CONSULTANT shall arrange and conduct bi-weekly progress meetings with the MTAA, key airport tenants and users, and the project contractor. Minutes to these meetings shall be prepared and distributed to attendees, the MTAA and the Federal Aviation Administration. Quarterly progress reports to the Federal Aviation Administration shall be made in the format provided and approved by the FAA.

VII. Subconsultants:

CONSULTANT may utilize the services of the subconsultants listed for the corresponding services:

FIRM NAME	COMPLETE ADDRESS	NATURE OF SERVICES
Bartlett & West Engineers	1200 SW Executive Drive Topeka, Kansas 66615	Construction Observation Services
Latimer Sommers & Associates, PA	3639 SW Summerfield Drive, Suite A Topeka, KS 66614-3972	Electrical Const. Observation Services
Kruger Technologies, Inc.	8271 Melrose Drive Lenexa, Kansas 66214	Material Testing Construction Observation Services

- A. Sub-consultant, Bartlett & West may provide construction inspection personnel as directed by CONSULTANT.
 - 1. Construction inspection services and associated fees are provided on Exhibit TO-9-E – Subconsultant Services.

- B. Sub-consultant Kruger Technologies, Inc. will conduct material acceptance testing as directed by CONSULTANT.
 - 1. The schedule of tests, number of tests, and rate charges for testing services are provided on Exhibit TO-9-E – Subconsultant Services.

- C. Sub-consultant Latimer Sommers & Associates, PA may conduct electrical engineering construction administrative services as directed by CONSULTANT.
 - 1. Construction electrical engineering construction administrative services and associated fees are provided on Exhibit TO-9-E – Subconsultant Services.

VIII. Document Archiving:

- A. CONSULTANT shall prepare construction documents for archiving. Items to be archived include record drawings for the project. CONSULTANT shall also prepare the final construction report for submission to the MTAA for the purposes review, filing and submission to the Federal Aviation Administration.

- B. Items shall be archived on electronic disk (CD or DVD), containing the original documents in ".pdf" format. All pages in the ".pdf" format files shall be orientated correctly so that they can be read upon opening. File sizes of the ".pdf" format files should be minimized as much as possible for easier download and viewing. Typical file sizes, when possible, should not exceed 2 MB per file. Files should be generated from the electronic source files versus scanned images from a hard copy, when possible.

END OF SCOPE OF SERVICES – CONSTRUCTION ENGINEERING SERVICES

DERIVATION OF CONSULTANT PROJECT COSTS

**TOPEKA REGIONAL AIRPORT
TOPEKA, KANSAS
AIP 3-20-0113-038**

**Taxiway Alpha - Echo Reconstruction & Rehabilitation and Taxiway Delta Abandonment - Design Services
FEE PROPOSAL
August 20, 2019**

1 DIRECT SALARY COSTS:

TITLE	HOURS	RATE/HOUR *	COST (\$)	
Principal	51	\$92.04	\$4,694.29	4.7%
Project Manager	452	\$78.14	\$35,320.27	35.5%
Senior Engineer/QAQC	189	\$63.04	\$11,913.80	12.0%
Junior Engineer	435	\$28.50	\$12,396.98	12.4%
Senior Technician	460	\$32.19	\$14,807.95	14.9%
Electrical Engineer	156	\$65.50	\$10,218.69	10.3%
Electrical Engineer	194	\$38.25	\$7,420.50	7.5%
Project Admin	80	\$35.19	\$2,815.20	2.8%
	2,017			100.0%
Total Direct Salary Costs			=	\$99,587.68

* Adjusted for 2019 Salary Increases

2 LABOR AND GENERAL ADMINISTRATIVE OVERHEAD:

Percentage of Direct Salary Costs @ 135.47 % = \$134,911.43

3 SUBTOTAL:

Items 1 and 2 = \$234,499.11

4 PROFIT:

15.00 % = \$35,174.87

Subtotal \$269,673.97

5 OUT-OF-POCKET EXPENSES:

a. Mileage	5770 miles	\$0.580 / Mile =	\$3,346.60
b. Airfare	2 Each	\$450.00 / Each =	\$900.00
c. Meals	42 Each	\$18.00 / Each =	\$756.00
d. Motel	7 Each	\$150.00 / Each =	\$1,050.00
e. Misc. Equipment	1 Each	\$1,000.00 / Each =	\$1,000.00
f. Rental Vehicles	11 Days	\$91.82 / Each =	\$1,010.00
g. Shipping	10 Each	\$75.00 / Each =	\$750.00
h. Other Direct Costs	1 Each	\$1,000.00 / Each =	\$1,000.00
i. Printing	8 Each	\$808.00 / Each =	\$6,464.00

Total Out-of-Pocket Expenses = \$16,276.60

6 SUBCONTRACT COSTS:

a. Geotech Services - GeoSource, LLC	=	\$6,500.00
b. Electrical Engineering - Latimer Sommers Assoc.	=	\$12,000.00
c. Applied Pavement Technology	=	\$32,462.00
d. Bartlett & West, Inc. (Surveys)	=	\$22,352.75

Total Subcontract Costs = \$73,314.75

7 MAXIMUM TOTAL FEE:

Items 1, 2, 3, 4, 5 and 6 = \$359,265.32 Lump Sum

USE \$359,270.00 LUMP SUM

**EXHIBIT TO-9-C1
TOPEKA REGIONAL AIRPORT
TOPEKA, KANSAS
AIP 3-20-013-038
Taxiway Alpha - Echo Reconstruction & Rehabilitation and Taxiway Delta Abandonment - Design Services
MANHOUR DERIVATION
August 26, 2019**

Classification:	Kuchinski	Freund	Mueller	Perik	Diercks	Rosenman	Vikan	Viteri	Notes
Gross Hourly Rate:	Principal \$249.25 AV St. Louis	Project Manager \$211.00 AV Lenexa	Engineer/QA/QC C \$170.70 CIV Lenexa	Junior Engineer \$77.17 CIV Indianapolis	Senior Technician \$97.17 CIV Lenexa	Electrical Engineer \$177.98 ELEC St. Louis	Electrical Engineer \$103.58 ELEC St. Louis	Project Admin \$35.29 ADMIN Lenexa	
A. BASIC SERVICES									
1. Project Administration									
1.1 Coordination with Owner/FAA	2	4							
1.2 Project Management	10	30							
1.3 Bi-Weekly Meetings with Client		20							
1.4 Monthly Progress Reports to Client		10							
1.5 Project Financial Management	2	8						10	
1.6 Invoicing								18	
Total hours =	14	72	0	0	0	0	0	28	
Total =	\$21,392.95	\$3,489.48	\$15,235.32	\$0.00	\$0.00	\$0.00	\$0.00	\$2,668.15	
2. Basic Project Development									
2.1 Surveys		4		40					
2.2 Geotechnical		4		24					
2.3 Project Base Map Development		2		8	32				
2.4 Quality Control			8						
Total hours =	122	0	10	8	32	0	0	0	
Total =	\$11,827.43	\$0.00	\$2,116.02	\$1,365.56	\$5,556.39	\$0.00	\$0.00	\$0.00	
3. 90% Documents									
3.1 30% Prelim. Geometric Layout		8	4	16	24				
3.11 30% Prelim. Plan / Profile		8		12	24				
3.12 30% Pavement Design		8	8						
3.13 30% Prelim. Typical Sections		6	4	8	16				
3.14 30% Prelim. Cross-Sections		8		16	48				
3.15 Aircraft Forecasting			32						
3.16 Benefit vs Cost - Bituminous v PCCP		2	16						
3.4 30% Prelim. Pavement Marking Plan		8		16	32				
3.5 30% Prelim. Electrical Design/Plan				10	8	30	50		
3.8 30% Prelim. Safety Plan		8	4	10	8				
3.81 30% Prelim. Const. Sequence Plan		8	2	24	16				
3.82 30% Prelim. Traffic Control Plan		8		16	16				
3.7 30% Prelim. Quantity Development		8		16	16		16		
3.71 30% Prelim. Cost Estimate	2	8	2	12		8			
3.8 30% Engineer's Report	4	16	8	24		8		8	
3.83 FAA Form 7460-10		20			20				
3.9 Quality Control	8	6	8			8		8	
Total hours =	708	14	112	88	154	212	66	8	
Total =	\$89,751.69	\$3,489.48	\$23,695.38	\$15,021.20	\$11,894.49	\$18,480.19	\$9,578.50	\$6,836.11	\$762.33
4. 90% Documents									
4.1 90% Geometric Layout		4	12	8	16				
4.11 90% Plan / Profile		4		22	24				
4.12 90% Pavement Design		4	8						
4.13 90% Typical Sections		4	4	8	16				
4.14 90% Cross-Sections		10		24	32				
4.15 90% Pavement Marking Plan		4		16	32				
4.16 90% Electrical Design/Plan						30	80		
4.19 90% Safety Plan		10	4		8				
4.2 90% Const. Sequence Plan		16	2		8				
4.21 90% Traffic Control Plan		8			16				
4.3 90% Quantity Development		4		10	16		16		
4.31 90% Cost Estimate	2	8	2	8		8			
4.4 90% Specifications		48	4			24		12	
4.6 Quality Control	2	4	24					8	
4.6 Final Engineer's Report	4	24	68	102	168	70	86	20	
Total hours =	684	8	152	68	102	168	70	86	20
Total =	\$92,546.79	\$1,993.99	\$32,163.45	\$11,607.29	\$7,871.55	\$14,644.68	\$12,416.58	\$9,943.43	\$1,905.82
5. 100% Documents									
5.1 Response to FAA Comments	1	12	4	24		4			
5.2 100% Final Plans		8	4	24	24		24		
5.3 100% Final Specifications		12	4	16		12			
5.4 Submit of Final Plans		4		8	16	4	4	4	
5.6 Quality Control	2	4	8					4	
Total hours =	231	3	20	72	40	24	28	4	
Total =	\$29,207.38	\$747.75	\$8,464.07	\$3,413.91	\$5,656.39	\$3,486.83	\$4,257.11	\$2,900.17	\$381.16
6. Bid Process									
6.1 Bid Advertisement	4	20		8				16	
6.2 Pre-Bid Conference	4	8		4					
6.3 Addenda (if needed)		8		8	8	8	4	4	
6.4 Bid Opening		4		4					
6.5 Bid Analysis		4	4	8					
6.6 Bid Recommendation of Award	2	2	1	1					
6.7 Grant Applications		16		4					
6.8 Quality Control	2	4							
Total hours =	158	12	66	5	35	8	4	20	
Total =	\$24,947.73	\$2,990.98	\$13,965.71	\$853.48	\$2,701.02	\$697.37	\$1,419.04	\$414.31	\$1,905.82
PART A SUBTOTAL = \$269,673.97									
B. SPECIAL SERVICES									
Special Services	0	0	0	0	0	0	0	0	
Total =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
PART B SUBTOTAL = \$0.00									
GRAND TOTAL = \$269,673.97 WSP Hourly Costs Only (Does not include expenses or subconsultants)									

NOTE: NO HOURS HAVE BEEN ALLOCATED FOR PUBLIC HEARING.

OVHD Rate	Employee Classification	Kuchinski Jennifer Kuchinski Principal	Freund Joseph R. Freund Project Manager	Mueller Dale Mueller Senior Engineer/QA/QC	Perik John Perik Junior Engineer	Diercks Herold Diercks Senior Technician	Rosenman Rob Rosenman Electrical Engineer	Vikan Siti Vikan Electrical Engineer	Viteri Enrique Viteri Project Admin	TOTALS Average Rate
135.47	Base Hourly Rate	90.24	76.61	61.80	27.94	31.56	64.22	37.50	34.50	
	Adjustment Factor (1 year)	102.0%	102.0%	102.0%	102.0%	102.0%	102.0%	102.0%	102.0%	
	Escalated Hourly Rate	92.04	78.14	63.04	28.50	32.19	65.50	38.25	35.19	133.70
	Total Hours	51	452	189	435	460	166	194	80	2,017
	FTE (6 mos)	6.4%	56.6%	23.6%	54.4%	57.5%	19.5%	24.3%	10.0%	
		\$12,711.68	\$95,643.95	\$32,261.45	\$33,569.84	\$40,098.53	\$27,671.23	\$20,094.01	\$7,623.29	\$269,673.97
		4.7%	35.5%	12.0%	12.4%	14.9%	10.3%	7.5%	2.8%	100%

DERIVATION OF CONSULTANT PROJECT COSTS

**TOPEKA REGIONAL AIRPORT
TOPEKA, KANSAS
AIP 3-20-0113-038**

**Taxiway Alpha - Echo Reconstruction & Rehabilitation and Taxiway Delta Abandonment - Construction Observation Services
FEE PROPOSAL
August 20, 2019**

1 DIRECT SALARY COSTS:

TITLE	HOURS	RATE/HOUR *	COST (\$)	
Principal	32	\$95.65	\$3,060.94	2.7%
Project Manager	540	\$81.21	\$43,851.56	39.1%
RPR	1,080	\$48.76	\$52,660.80	46.9%
Junior Engineer	288	\$29.62	\$8,529.52	7.6%
Senior Technician	20	\$33.45	\$669.07	0.6%
Electrical Engineer	24	\$68.07	\$1,633.76	1.5%
Electrical Engineer	28	\$39.75	\$1,113.00	1.0%
Project Admin	20	\$36.57	\$731.40	0.7%
	<u>2,032</u>			100.0%
Total Direct Salary Costs			=	\$112,250.06

* Adjusted for 2020 Salary Increases

2 LABOR AND GENERAL ADMINISTRATIVE OVERHEAD:

Percentage of Direct Salary Costs @ 135.47 % = \$152,065.15

3 SUBTOTAL:

Items 1 and 2 = \$264,315.21

4 PROFIT:

15.00 % = \$39,647.28

Subtotal \$303,962.49

5 OUT-OF-POCKET EXPENSES:

a. Mileage	1720 miles	\$0.545 / Mile =	\$937.40
b. Airfare	2 Each	\$0.00 / Each =	\$0.00
c. Meals	46 Each	\$18.00 / Each =	\$828.00
d. Motel	4 Each	\$150.00 / Each =	\$600.00
e. Misc. Equipment	1 Each	\$1,000.00 / Each =	\$1,000.00
f. Rental Vehicles	240 Each	\$63.33 / Each =	\$15,200.00
g. Shipping	5 Each	\$75.00 / Each =	\$375.00
h. Other Direct Costs	1 Each	\$1,000.00 / Each =	\$1,000.00
i. Printing	6 Each	\$650.00 / Each =	\$3,900.00

Total Out-of-Pocket Expenses = \$23,840.40

6 SUBCONTRACT COSTS:

a. Materials Testing Services - Kruger Technologies	=	\$60,000.00
b. Electrical Engineering - Latimer Sommers Assoc.	=	\$4,000.00

Total Subcontract Costs = \$64,000.00

7 MAXIMUM TOTAL FEE:

Items 1, 2, 3, 4, 5 and 6 = \$391,802.89 Not To Exceed

USE \$391,900.00 Not To Exceed

**EXHIBIT TO-9-C2
TOPEKA REGIONAL AIRPORT
TOPEKA, KANSAS
AIP 3-20-0113-038**

Taxiway Alpha - Echo Reconstruction & Rehabilitation and Taxiway Delta Abandonment - Construction Observation Services

MANHOUR DERIVATION

August 20, 2019

Classification: Gross Hourly Rate:	Kuchinski Principal \$259.02 AV St. Louis	Freund Project Manager \$219.90 AV Lenexa	Stalbaumer RPR \$132.04 CIV Lenexa	Perik Junior Engineer \$80.20 CIV Indianapolis	Diercks Senior Technician \$90.59 CIV Lenexa	Roseman Electrical Engineer \$184.34 ELEC St. Louis	Vikan Electrical Engineer \$107.64 ELEC St. Louis	Viteri Project Admin \$99.03 ADMIN Lenexa	Notes
A. CONSTRUCTION SERVICES									
1. Project Administration									
1.1 Coordination with Owner/FAA	2	8							5 mos
1.2 Project / Contractor Management		30							
1.3 Bi-Weekly Meetings with Client		24							
1.4 Monthly Progress Reports to Client		10							
1.5 Project Financial Management		12						8	
1.6 Invoicing								12	
Total hours =	106	84	0	0	0	0	0	20	
Total =	\$20,970.19	\$518.05	\$18,471.58	\$0.00	\$0.00	\$0.00	\$0.00	\$1,980.56	
2. Pre-Construction Services									
2.1 Pre-Con Mtg	8	4	4	8					
2.2 Document Control		4	4	8					
2.3 Safety / Security Training	2	4	4	4					
2.4 COP		16	4	4					
Total hours =	78	10	28	16	0	0	0	0	
Total =	\$12,784.78	\$2,590.23	\$6,157.19	\$2,112.60	\$1,924.76	\$0.00	\$0.00	\$0.00	
3. Construction Observations/Admin.									
3.1 RPR Full Time			918						120 working days
3.2 PIC/IPM contract admin/observations	10	184							
3.3 PT RPR Assistance				220	20				assume 10 apps
3.4 Pay Applications / Recommendations		48	10						
3.5 Change Orders, etc.		80	10						
3.6 Progress Meetings		20	20	20					assume 10 mtgs
3.7 QA Testing Oversight / Documentation		32	20						
3.8 Contractor Submittals		32	12			16	16		assume 25
3.9 Contractor RFIs		12	8			8	12		
Total hours =	1,706	10	388	996	240	20	24	28	0
Total =	\$247,917.99	\$2,590.23	\$85,321.11	\$131,509.30	\$19,247.62	\$1,811.78	\$4,424.06	\$3,013.90	\$0.00
4. Construction Close-Out									
4.1 Punchlist and Pre-Final Walk Through	2	4	4						
4.2 Final Walk Through	8	8	8						
4.3 Record Drawings		4	24	24					
4.4 Final Construction Report / Delivery		4	32						
Total hours =	142	10	40	68	24	0	0	0	0
Total =	\$22,289.53	\$2,590.23	\$8,795.99	\$8,978.55	\$1,924.76	\$0.00	\$0.00	\$0.00	\$0.00
PART A SUBTOTAL = \$303,962.49									
B. SPECIAL SERVICES									
Special Services	0	0	0	0	0	0	0	0	0
Total =	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PART B SUBTOTAL = \$0.00									
GRAND TOTAL = \$303,962.49 WSP Hourly Costs Only (Does not include expenses or subconsultants)									

NOTE: NO HOURS HAVE BEEN ALLOCATED FOR PUBLIC HEARING.

OVHD Rate	Employee Classification	Kuchinski Jennifer Kuchinski Principal	Freund Joseph R. Freund Project Manager	Stalbaumer Sam Stalbaumer RPR	Perik John Perik Junior Engineer	Diercks Harold Diercks Senior Technician	Roseman Rob Roseman Electrical Engineer	Vikan Stil Vikan Electrical Engineer	Viteri Enrique Viteri Project Admin	TOTALS Aver Hrfy Rate
135.47	Base Hourly Rate	90.24	76.61	46.00	27.94	31.56	64.22	37.50	34.50	
	Adjustment Factor (2 years)	106.0%	106.0%	106.0%	106.0%	106.0%	106.0%	106.0%	106.0%	
	Escalated Hourly Rate	95.65	81.21	48.76	29.62	33.45	68.07	39.75	36.57	149.59
	Total Hours	32	540	1080	288	20	24	28	20	2,032
	FTE (5 mos)	4.0%	67.5%	135.0%	36.0%	2.5%	3.0%	3.5%	2.5%	
		\$8,288.74 2.7%	\$118,745.87 39.1%	\$142,600.45 46.9%	\$23,097.14 7.6%	\$1,811.78 0.6%	\$4,424.06 1.5%	\$3,013.90 1.0%	\$1,980.56 0.7%	\$ 303,962.49 100%

APPLIED PAVEMENT TECHNOLOGY SCOPE OF SERVICES

Subcontractor shall perform the following Services. For purposes of this exhibit, "review," if used, shall be understood to mean review for (a) completeness; (b) clarity; and (c) accuracy; and (d) compliance with applicable codes and regulations, stipulated design and conformance standards, technical specifications, and functional/performance requirements. "Inspect" shall be understood to mean inspect for conformance with plans, specifications, and compliance with required processes and applicable codes. "Observe" shall be understood to mean observe to determine conformity with required processes and to identify observable errors or defects in the process, fabrication, or material subject to the inspection.

Pavement Design and Innovative Solutions Development

This document outlines the Scope of Work for subconsultant for the proposed construction of Taxiway Alpha and the proposed mill and overlay portion of Taxiway Alpha and Echo at Topeka Regional Airport. Subconsultant will perform this work as a subcontractor to WSP. APTech will assist WSP in evaluating the existing pavement, which will primarily be based on review of available records and pavement-related data, and determination of reconstruction designs. The tasks to accomplish the Scope of Work are discussed in detail in the following sections.

Base Services

Subcontractor shall:

1. Records Review and Kick-Off Meeting

APTech will review available pertinent records concerning the existing pavement included in the project. This review includes previous condition evaluations, construction records, geotechnical data, traffic histories, traffic projections, and traffic patterns that are available. These documents will be provided by WSP and the Airport.

APTech's key staff will participate in a kick-off meeting via conference call with representatives from WSP and the Airport at the start of the project. The purpose of this meeting is to discuss the objectives and anticipated outcomes of the pavement assessment.

2. Pavement Design

The results of the records review will be used to assess rehabilitation design alternatives for the existing Taxiway A and E pavement included in the project and new pavement designs for the Taxiway A realignment. Both concrete and asphalt options will be considered for the new pavement designs. New shoulder designs will also be determined. Subgrade support conditions will be specifically addressed. The advantages and disadvantages of each alternative will be presented and considered in the selection. Design strategies will be determined in accordance with FAA Advisory Circular (AC) 150/5320-6F, Airport Pavement Design and Evaluation, and using FAA's FAARFIELD pavement design software.

3. Pavement Design Report

The results of the data review, analyses, and pavement design recommendations for the realignment of Taxiway A will be presented in a detailed pavement design report. This report will present the evaluation conducted during the project, describe the development of reconstruction alternatives, and present the recommended reconstruction option.

A draft version of the report will be delivered to WSP for review and comment. The draft report will be provided electronically. A final version of the report will incorporate any comments provided from review and will be provided electronically. APTech's staff will participate in up to two conference calls with WSP and the Airport to discuss design recommendations.

BARTLETT & WEST

SCOPE OF SERVICES

Subcontractor is a licensed land surveyor licensed in the State of Kansas. Subcontractors control for this survey shall comply with the applicable requirements of FAA Advisory Circular (AC) 150/5300-16A, *General Guidance and Specifications for Aeronautical Surveys: Establishment of Geodetic Control and Submission to the National Geodetic Survey*. The survey is not required to, nor will it be intended to, meet the FAA's AC 150/5300-17A and/or 150/5300-18A. The topographic survey shall be based upon existing airport monumentation.

Subcontractor shall provide for a topographic survey of Taxiway Alpha, Echo and Delta at Topeka Regional Airport in Topeka, Kansas. The taxiways total length is 4,700 feet and 75 feet in width as shown in the attached exhibit. Three shots are needed on the pavement: Lt, Center and Rt. plus ground shots 25, 50, 75 and 100 feet from centerline on 100-foot centers. Intersections will require more detailed surveying. Locate lights and signs along the taxiways in the affected work areas and any drainage structures adjacent or near the taxiways.

Subcontractor's survey shall include the following:

1. Survey shall be based upon existing airport monumentation. Subcontractor shall investigate coordinates to monumentation points (airport reference point and secondary monumentation - NGS Primary and Secondary Control Points).
2. Setting of additional local horizontal and vertical control points for later use as horizontal and vertical control points by a prospective contractor during the construction of the project. Set non-movable monuments at 500' intervals (durable enough to last a couple of years and withstand mowing operations).
3. Locate features such as signs, lights, drainage structures, in-ground electrical structures, trees, connecting runway and taxiways, underground cables as marked by the MTAA, and observable elements within the survey limits area.
4. Cross-sections provided 100-foot centers for the full 200-foot width of the survey area.
5. Where cross-sections do not provide adequate detail of surface features or existing grading, breaklines or feature lines shall be surveyed for incorporation into the base map.
6. Taxiway intersection areas shall be mapped providing centerline, edge line, edge of pavement, mid-pavement, and adjacent ground elevations (in addition to topographic features). (100 feet beyond hold position markings on the applicable taxiway).

GEOSOURCE, LLC

SCOPE OF SERVICES

Subcontractor shall perform the following Services. For purposes of this exhibit, "review," if used, shall be understood to mean review for (a) completeness; (b) clarity; and (c) accuracy; and (d) compliance with applicable codes and regulations, stipulated design and conformance standards, technical specifications, and functional/performance requirements. "Inspect" shall be understood to mean inspect for conformance with plans, specifications, and compliance with required processes and applicable codes. "Observe" shall be understood to mean observe to determine conformity with required processes and to identify observable errors or defects in the process, fabrication, or material subject to the inspection.

The field work of this Project shall be performed under the direct supervision of a licensed geotechnical engineer, who will determine the depths and sampling sequence for each boring. The borings shall be performed by an experienced drill crew.

- Subcontractor shall provide for exploratory test borings of the existing pavement section at 500-foot intervals along the 4,700-foot length of the taxiway. Quantity is 12 bore locations.
- Following removal of the pavement bore materials, samples of the underlying subgrade soil shall be obtained by Subcontractor using thin walled, Shelby tube samples to depths of five (5) feet for each test location. Shelby tube samples shall be obtained immediately below the existing pavement and any granular leveling course with additional samples obtained every five (5) feet for the remaining depth of the test boring. Shelby tube samples shall be tested by Subcontractor for unconfined compressive tests, water content and density tests.
- Representative bulk samples of the existing subgrade materials shall be obtained and returned to the laboratory for classification and California Bearing Ratio (CBR) testing by Subcontractor. A minimum of four (4) bulk soil samples shall be obtained by Subcontractor from the test borings.

Laboratory testing shall be performed in accordance with standard procedures.

- Unconfined compressive tests, water content, and density tests shall be performed on samples obtained using the Shelby tube sampler.
- Atterberg Limits tests shall be performed on selected soil samples to aid in the soil classification and to evaluate the shrink/swell potential of the onsite soils.
- Bulk soil samples shall be tested to determine the CBR of the subgrade soils. The CBR tests shall be performed on laboratory compacted specimens in accordance with ASTM D-1883.

The results of the exploration, including the substantiating data and recommendations, shall be presented in a written report prepared by a registered professional engineer. Subcontractor shall provide four (4) copies of the report.

KRUGER TECHNOLOGIES, INC.
SCOPE OF SERVICES

Subcontractor shall perform the following Services.

For purposes of this exhibit, unless defined otherwise below or in the Prime Agreement, "review," if used, shall be understood to mean review for (a) completeness; (b) clarity; and (c) accuracy; and (d) compliance with applicable codes and regulations, stipulated design and conformance standards, technical specifications, and functional/performance requirements. "Inspect" shall be understood to mean inspect for conformance with plans, specifications, and compliance with required processes and applicable codes. "Observe" shall be understood to mean observe to determine conformity with required processes and to identify observable errors or defects in the process, fabrication, or material subject to the inspection.

SERVICES:

Construction Materials Testing Services: Subcontractor shall perform testing of construction items to monitor compliance with the project plans and specifications. Frequency and number of test shall be in accordance with the Summary Listing of Tests below.

Subcontractor's Scope of Services shall consist of the following:

- 1. P-152 Excavation and Embankment:** Subcontractor shall provide an Engineering Technician to perform in-place density tests, Moisture-Density Relationship (Modified), Atterberg limits.
- 2. P-155 Lime Treated Subgrade:** Subcontractor shall provide an Engineering Technician to perform in-place density tests, Moisture-Density Relationship (Modified).
- 3. P-209 Crushed Aggregate Base Course:** Subcontractor shall provide an Engineering Technician to perform in-place density tests, Moisture-Density Relationship (Modified), Gradation (washed).
- 4. P-307 Cement Treated Permeable Base Course:** Subcontractor shall provide an Engineering Technician to cast CTPB cylinders, CTPB Cores – thickness determination, Concrete Cylinders – compressive strength.
- 5. P-401 Plant Mix Bituminous Pavements:** Subcontractor shall provide an Engineering Technician to obtain hot-mix samples for laboratory testing or obtain cores, Laboratory Technician to prepare samples, Extraction and Gradation test, Maximum Theoretical Specific Gravity (Rice Test), Marshall Stability molding of specimens (3 per set), Marshall Density molding of specimens (3 per set), Core thickness and density determination.
- 7. P-501 Portland Cement Concrete Pavement:** Subcontractor shall provide an Engineering Technician to perform slump, weight, temperature and air content determinations and cast flexural beams, Engineering Technician to pick up samples, Concrete Beams – flexural strength, Concrete Cores – thickness determination.

8. P-610 Structural Concrete: Subcontractor shall provide an Engineering Technician to perform slump, weight, temperature and air content determinations and cast compressive strength cylinders. Engineering Technician to pick up samples, Concrete Cylinders – compressive strength.

9. D-701 Pipe for Storm Sewer & Culverts: Subcontractor shall provide an Engineering Technician to perform in-place density tests.

10. D-705 Pipe Underdrains for Airports: Subcontractor shall provide an Engineering Technician to perform in-place density tests.

11. L-110 Underground Conduits: Subcontractor shall provide an Engineering Technician to perform in-place density tests.

12. Project Management: Subcontractor shall provide a project manager who shall supervise and direct its field personnel, develop progress reports documenting the field activities, attend meetings on an as needed basis during progress of construction and laboratory testing and monitor costs for actual services provided versus the contract budget.

LATIMER SOMMERS ASSOCIATES, PA
SCOPE OF SERVICES

Subcontractor shall perform the following Services.

For purposes of this exhibit, unless defined otherwise below or in the Prime Agreement, "review," if used, shall be understood to mean review for (a) completeness; (b) clarity; and (c) accuracy; and (d) compliance with applicable codes and regulations, stipulated design and conformance standards, technical specifications, and functional/performance requirements. "Inspect" shall be understood to mean inspect for conformance with plans, specifications, and compliance with required processes and applicable codes. "Observe" shall be understood to mean observe to determine conformity with required processes and to identify observable errors or defects in the process, fabrication, or material subject to the inspection.

PROJECT UNDERSTANDING:

Project calls for the construction of a new connecting Taxiway Alpha at the Runway 3 approach, the rehabilitation of Taxiway Alpha and Echo from the southwestern end of Taxiway Echo to Taxiway Delta, and the abandonment (removal) of Taxiway Delta at Topeka Regional Airport under AIP 3-20-0113-038. Existing medium taxiway lighting is primarily an incandescent lighting system. The ultimate electrical goal of the project is to provide for a new incandescent MITL system for Taxiway Alpha and Echo. It is anticipated that modifications to the existing CCRs will need to be made the change in lighting loads. In addition, the low-voltage relay control system in the power vault requires replacement due to age and availability of parts. The design of this replacement system is to be include in the project scope. Minor modifications to the power vault could occur and are included in the scope of services.

For design services, Subconsultant shall assist WSP in the assessment of the lighting loads being brought to the power vault and determining if existing constant current regulators are capable of supporting the lighting system after the conversion from incandescent to an LED system. Subconsultant shall attend the pre-bid conference for the project and answer questions regarding vault work associated with the project. Subconsultant will assist with questions that arise during bid advertisement period relative to any work to be performed in the vault and review bid prices for any vault electrical work called for as part of the project.

For construction services, Subconsultant shall attend the preconstruction conference, assist in shop drawing reviews of vault-related submittals, perform site visits during the course of construction and attend the substantial completion review inspection.

SERVICES:

Design Services

1. Attendance at meetings (minimum of two meetings) with client and project-associated entities relative to the design and preparation of documents for securing bids from prospective contractors.

2. Field investigation of the power vault to obtain information regarding existing power systems and availability of space and power for new lighting power supply systems.
3. Provide design / details of modifications for power vault relative to installation of relocated Medium Intensity Taxiway Lighting system, as needed.
4. Provide assistance with questions and requests for clarifications/revisions during the bid advertisement period. Assistance with development of WSP's opinion of probable costs for use during the bid process and bid analysis/review process. Review of bid prices and assistance with bid analysis for electrical work/power vault modifications.
5. Provide construction documents in AutoCAD drawing file format.
6. Provide project specifications for vault power equipment in MS Word format (project specifications for project manual).
7. Subcontractor shall provide a project manager who shall supervise and direct its field personnel, develop progress reports documenting the field activities, attend meetings on an as needed basis during progress of construction and laboratory testing and monitor costs for actual services provided versus the contract budget.

Construction Services

Subcontractor shall:

1. Review shop drawing submittals for power vault equipment for power vault modifications.
2. Attend pre-construction conference.
3. Periodic inspection visits (2) to project relative to power vault / power supply work, as required, with associated site observation reports. Emergency visits (2) to project site regarding changed conditions / problems demanding immediate attention.
4. Attend substantial completion inspection.



MTAA

METROPOLITAN TOPEKA AIRPORT AUTHORITY
 TOPEKA REGIONAL | BILLARD AIRPORT
 AIRPORT & BUSINESS CENTER

DELINQUENT ACCOUNTS AS OF AUGUST 31, 2019											
NAME OF BUSINESS		TOTAL PAST DUE	AUGUST CHARGES	30 DAYS PAST DUE	60 DAYS PAST DUE	90 DAYS PAST DUE	120 DAYS PAST DUE	ACTION			
								T E L	L R	A G R	L G L
TOPEKA REGIONAL BUSINESS CENTER:											
- CURRENT TENANTS -											
ADVANCE STREET ROD DESIGN	RENT/FC	\$6,603.95	\$0.00	\$0.00	\$3,225.76	\$3,334.83	\$43.36	X	X	X	
BRACKETT INC	RENT/FC	\$4,120.92	\$4,060.04	\$60.88	\$0.00	\$0.00	\$0.00	X	X	X	
PROMETAL FABRICATION LLC	FC	\$64.23	\$64.23	\$0.00	\$0.00	\$0.00	\$0.00	X	X		
R & R PALLET	RENT/FC	\$22,958.39	\$21,956.40	\$14.81	\$334.00	\$329.04	\$324.14	X	X		
SARIK SHIPPING (ERIK OLDBERG)	RENT/FC	\$936.54	\$313.84	\$309.20	\$313.50			X	X		
SUBTOTAL		\$34,684.03	\$26,394.51	\$384.89	\$3,873.26	\$3,663.87	\$367.50				
- VACATED TENANTS -											
SUBTOTAL		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
TOPEKA REGIONAL AIRPORT:											
- TENANTS -											
SUBTOTAL		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
- AIRPORT USER LANDING FEES -											
ELITE AIRWAYS LLC	LANDING FEES	\$1,568.50	\$0.00	\$0.00	\$0.00	\$0.00	\$1,568.50	X	X		
RVR AVIATION	LANDING FEES	\$408.54	\$0.00	\$0.00	\$0.00	\$0.00	\$408.54	X	X		
VAERUS AVIATION	LOST BADGES/FC	\$316.67	\$104.68	\$209.13	\$2.86	\$0.00	\$0.00	X	X		
VIA AIR	LANDING FEES	\$86.84	\$0.00	\$0.00	\$0.00	\$0.00	\$86.84	X	X		
SUBTOTAL		\$2,380.55	\$104.68	\$209.13	\$2.86	\$0.00	\$2,063.88				
PHILIP BILLARD:											
BILLARD AIRPORT RESTAURANT	RENT/FC	\$1,172.04	\$1,137.65	\$34.39	\$0.00	\$0.00	\$0.00	X	X		
SUBTOTAL		\$1,172.04	\$1,137.65	\$34.39	\$0.00	\$0.00	\$0.00				
WATER & SEWER:											
SUBTOTAL		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00				
GRAND TOTALS		\$38,236.62	\$27,636.84	\$628.41	\$3,876.12	\$3,663.87	\$2,431.38				

ACTION LEGEND:
 TEL - CONTACTED BY TELEPHONE/IN PERSON
 LTR - SENT STATEMENT, LETTER, EMAIL
 AGR - PAYMENT AGREEMENT

**Metropolitan Topeka Airport Authority
Monthly Leasing Activity Report
August 2019**

May 2019 CPI is 1.8%

TENANT	ADDRESS (FACILITY #)	ANNUAL RENT	
		FROM	TO
NEW:			
NONE		\$0.00	\$0.00
RENEWALS DUE:			
Heartland Airplanes, LLC - 2% Inc	3600 NE Sardou Ave. (PB #9)	\$2,837.28	\$2,894.03
Joe Conroy Contractor (Mo-to-Mo / Vacating 09/30/19) - 2% Inc	6431 SE Bleckley St. (#225)	\$14,869.08	\$15,166.46
OPTIONS:			
NONE		\$0.00	\$0.00
INCREASES:			
Combat Air Museum - CPI Inc	7016 & 7022 SE Forbes Ave (#602 & #604)	\$3,315.08	\$3,374.75
Freeman Holdings LLC - CPI Inc	6110 SE Evans St. (#178)	\$714.50	\$727.36
Freeman Holdings LLC - 7% Inc	6800 SE Ross St. (#613)	\$8,635.41	\$9,239.89
JSLewis, Inc - CPI Inc	435 SE 70th St. (#415)	\$4,339.37	\$4,417.48
Kaw Valley Aviation LLC - CPI Inc	3600 NE Sardou Ave. (PB #7)	\$14,762.50	\$15,028.23
Kaw Valley Aviation LLC - CPI Inc	3600 NE Sardou Ave. (PB #4/T-Hangars)	\$43,213.35	\$43,991.19
Koelling, Duke & Michelle (dba MDK) - CPI Inc	201 SE University Blvd. (#801)	\$14,028.52	\$14,281.03
Rural Development Corporation - CPI Inc	6821 SE Ross St. & 200 SE Airport West Dr. (#638 & #818)	\$21,847.08	\$22,240.33
DECREASES:			
NONE		\$0.00	\$0.00
MISCELLANEOUS:			
NONE		\$0.00	\$0.00

****MONTHLY INCOME CHANGES****

New Annl. Rate	\$131,360.75
Old Annl. Rate	\$128,562.17
Annual Diff.	\$2,798.58
/12	\$233.21
Mo. Adj.	\$0.00
Mo. Incr. (Decr.)	\$233.21

**Metropolitan Topeka Airport Authority
Monthly Gross Rental Income Report
August 2019**

TOPEKA REGIONAL AIRPORT

	TENANT		FACILITY	MONTHLY RENT
1	Air National Guard		Jt. Use. Agreement	\$5,465.83 *
2	American Flight Museum	1	612	\$1,245.99
3	Combat Air Museum	2,3	602/604	\$281.23
4	Freeman Holdings LLC	4	600	\$1,575.75
	" "	5	601	\$4,062.28
	" "	6	609	\$2,312.68
	" "	7	610 - Suite 10,11	\$5,162.32
	" "	9	Land Lease (#613)	\$769.99
	" "	10	619	\$2,229.45
	" "	11	627	\$480.91
	" "	12	697	\$367.02
	" "	13	178	\$60.61
5	Gary Properties LLC	14	626	\$1,716.03
6	Haselwood Farm Inc.	15	Farm	\$156.76 ***
	Haselwood Farm Inc.	16	Farm A	\$100.28 ***
	Haselwood Farm Inc.	17	Farm B	\$707.88 ***
	Haselwood Farm Inc.	18	Farm C	\$92.38 ***
7	Pettit, Brooks	19	603 - 240sf	\$50.00
8	Shawnee County	20	667 (Firing Range)	\$500.00 ****
9	Topeka Police Dept.	21	669 (Firing Range)	\$99.09 ***
				\$27,436.48

TENANT	FACILITY	MONTHLY RENT
1 A-1 Restaurant and Bar Supply 1	252	\$2,750.00
A-1 Restaurant and Bar Supply 2	139 (storage)	\$500.00
A-1 Restaurant and Bar Supply 3	260	\$2,200.00
2 AT&T Services, Inc. 4	280	\$429.26
3 Advanced Coatings Inc. 5	137	\$825.51 ***
4 Baston Global 6	657	\$1,510.06
5 Blue Jazz Java LLP 7	243	\$2,173.62
6 Brackett, Inc. 8	451	\$3,838.56
7 Chigbo Nzewke 9	181	\$51.10
8 Coca-Cola Enterprises, Inc. 10	Land Lease (#400)	\$1,921.00
9 Concrete Supply of Topeka, Inc. 11,12,13	147-148-149	\$1,576.97
18 DXC Technology 14	Parking Lot #1	\$257.91
" " " 15	Parking Lot #2	\$257.91
" " " 16	Parking Lot #3	\$106.08
" " " 17	Parking Lot #4	\$246.70
10 F&L Enterprises Inc. dba WOW Truck and RV Wash 18	Land Lease (#100)	\$1,815.00
11 Federal Aviation Administration 19	620	\$862.27
12 FedEx Freight 20	Lot	\$600.00
13 Gallery Classic, Inc. 21	384	\$4,250.00
14 Groendyke Transport Inc 22	6N Lot A	\$607.39
15 Ground 1, LLC 23	Land Lease (#453)	\$5,798.61
16 H2I, LLC 24	Land Lease (#255)	\$647.40
17 Henderson, Brad d/b/a Heartland Tree Service 25	260W Parking Lot	\$300.00
19 Houser Enterprises, Inc 26	167	\$6,000.00
20 JSLewis, Inc. 27	415	\$368.12
21 Joe Conroy Contractor Inc 28	225	\$1,263.87
22 Kansas Sand & Concrete, Inc 29	Axton St - Lot A	\$1,150.65
23 Klaton Real Estate, LLC 30	Land & Bldg. Lease (#622)	\$1,451.13
24 Koelling, Michelle & Duke d/b/a MDK 31	801	\$1,190.09
25 LMC, Inc. 32	321	\$367.55
" " " 33	Land Lease (#383)	\$222.06
" " " 34	820	\$1,118.42
" " " 35	Land Lease (#621)	\$247.33
26 Lewis, Mark A. d/b/a M. Lewis Properties 36	248	\$195.20
" " " 37	629	\$441.18
27 McPherson Contractors Inc. 38	452	\$1,082.45
28 Mr. O Auto Sales, LLC 39	183	\$318.04
29 Murray, Christopher d/b/a Mid-America Painting 40,41	123/129	\$522.75
30 NFI Interactive Logistics LLC 42	University & Bleckley Lot	\$358.86
31 Paul L Kirk 43	140	\$2,720.00
32 ProMetal Fabrication, LLS 44	379	\$950.00
33 R & R Pallet of Garden City, Inc 45	170 A	\$6,196.33
R & R Pallet of Garden City, Inc 46,47,48	170 B/C & Axton Lot B	\$10,767.01
R & R Pallet of Garden City, Inc. 49	Engle Lot	\$746.49
R & R Pallet of Garden City, Inc. 50	170-D	\$3,801.20
34 Rippe Enterprises 51	Lot A 61st Street	\$542.79
35 Rural Development Corp. 52	281	\$1,749.16
" " " 53,54	638/818	\$1,853.36
Rural Development Corp. 1 55	624	\$1,136.52
" " " 56	Lot J	\$152.47
" " " 57	Lot K	\$875.44
36 Sarik Shipping, LLC 58	Lot 260E	\$300.00
37 SEKESC - Greenbush 59	605	\$10,417.50
38 Sports Car Club of America 60	300	\$6,976.58
39 Sunflower Auto Auction, LLC 61	131	\$3,345.34
40 Topeka Construction, LLC 62,63	Land & Bldg. Lease (#449 & #450)	\$1,042.69
" " " 64	Land & Bldg. Lease (#448)	\$324.58
41 Tony Lynch d/b/a T&J Repair 65	114	\$1,543.50
42 T.R. Management Inc. 66	154	\$982.20
" " " 67	180 (storage)	\$150.00
" " " 68	344	\$2,312.99
43 UAR Direct, LLC 69	197	\$932.62
44 Vaerus Aviation, Inc. 70	151	\$1,280.00
45 Washburn Institute of Technology 71	Lot Z University & Dwight	\$500.00
46 Westar Energy 72	Lot S University & Fager	\$1,750.00
		\$113,171.82

TENANT		FACILITY		MONTHLY RENT
1	Billard Airport Restaurant	1	4 - Suite 2	\$1,020.33
2	Heartland Airplanes, LLC	2	9	\$241.17
3	Hetrick Aviation, LLC	3	26	\$3,416.43
4	Kaw Valley Aviation, LLC	4	T-Hangars, Fuel Farm	\$3,665.93 *****
	" "	5	4 - Suite 5 & 6	\$1,227.55
	" "	6	7	\$1,252.35
5	Meier, Robert J. dba Meier Farm	7	Farm	\$2,025.23 ***
6	Meier, Todd/Arthur dba Riverside Far	8	Farm	\$2,164.77 ***
7	NOAA	9	Weather Station	\$3,536.73
8	New-Jetz, LLC	10	Land (#27)	\$573.99
9	R&B Aircraft	11	10	\$850.04
	" "	12	12	\$53.96
10	Teamsters Local Union #696	13,14,15	1,2,3	\$1,900.28
11	Technical Applications & Consulting	16	17	\$1,636.80
12	Walga, MTE	17	4 - Suite 7&8	\$350.08
				\$23,915.64
<hr/> <hr/>				
GRAND TOTALS				
67	TENANTS	110	FACILITIES	\$164,523.94
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- *Paid Quarterly
- ** Paid Semi-Annually
- ***Paid Annually
- ****Paid 10 Yrs in Advance
- *****Minimum Guarantee

Metropolitan Topeka Airport Authority
Monthly Lease Income Net Change Report
August 2019

	AUGUST 2019	JULY 2019	JUNE 2019	MAY 2019	JAN 2019	JAN 2018	JAN 2017	JAN 2016	JAN 2015	JAN 2014	JAN 2013
TOPEKA REGIONAL AIRPORT											
TENANTS	9	9	9	9	9	10	10	10	12	11	11
FACILITIES LEASED	21	21	21	21	21	22	22	20	22	26	27
TOPEKA REGIONAL BUSINESS CENTER											
TENANTS	46	46	46	45	43	44	42	39	38	39	39
FACILITIES LEASED	72	72	71	69	69	69	66	57	55	56	58
PHILIP BILLARD AIRPORT											
TENANTS	12	12	12	12	12	14	14	13	12	11	11
FACILITIES LEASED	17	17	17	17	17	19	19	18	21	19	18
TOTAL											
TENANTS	67	67	67	66	64	68	68	62	62	61	61
FACILITIES LEASED	109	109	109	107	107	110	106	95	98	101	103
MONTHLY LEASE INCOME	\$ 164,524	\$ 164,291	\$ 164,000	\$ 161,496	\$ 155,936	\$ 158,021	\$ 149,460	\$ 131,303	\$ 113,043	\$ 121,201	\$ 119,965
NET CHANGE	\$ 233	\$ 291	\$ 2,504	\$ 5,560	\$ (2,085)	\$ 8,561	\$ 18,157	\$ 18,260	\$ (8,158)	\$ 1,236	\$ (13,347)