

Application for Airport Multimodal Funds

FY 2018

GENERAL INFORMATION				
Airport Name Vicksburg Municipal Airport				
NPIAS Number 28-0073 (last 4 digits)				
Sponsor City of Vicksburg				
Address PO Box 150				
City Vicksburg		State MS	ZIP 39180	
Prefix Mr.	Contact First Name Samuel	MI L	Contact Last Name Washington	Suffix
Phone Number (601) 636-4925				
Fax Number (601) 631-3778				
e-mail Address swashington@vicksburg.org				

PROJECT TITLE
Rehabilitate South Hangar

BRIEF PROJECT DESCRIPTION
Rehabilitation of existing 110' x 110' hangar, including replacement of siding, roofing, and insulation, installation of lighting, and installation of 70' x 30' door.

NOTE: Attach a sketch of the project area, if applicable

THRESHOLD CRITERIA		
An answer of "NO" to <u>any</u> of the following will result in the Project being deemed ineligible for funding		
	Please check one:	
	YES	NO
1. The Project is directly related to capital improvements or the rebuilding or rehabilitation of basic infrastructure.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. The Project is <u>not</u> for routine maintenance, administrative or operational matters or expenses.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. The Project is directly related to the operation of the Airport in its role as an air transportation facility.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. The Project can be completed within 24 months of agreement execution by MDOT.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. The Project is or should be outside the normal operating budget of the Airport.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Is the Airport owned by a public body?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. A minimum of 1% of the projected cost of the Project has or will be funded from public or private sources, as a match to the grant sought from the Multimodal Transportation Fund. Have all sponsor share funds been secured or budgeted?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

PROJECT COST SUMMARY							
Project overruns: Please make note that grants issued for approved applications will contain a special condition requiring that all project cost overruns will be funded by the Applicants.	A detailed cost estimate to support the following figures MUST be attached:						
Project under runs: If the final project cost is less than the Total Project Cost on this application, the Applicants receiving a grant will be required to contribute the percentage of the sponsor share to the Total Project Cost shown in the Application.	<table> <tr> <td>Total Project Cost</td> <td>\$ 450,000</td> </tr> <tr> <td>Sponsor Share (1% min) <i>min = \$ 4,500</i></td> <td>\$ 4,500</td> </tr> <tr> <td>Total Amount of Multimodal Funds Requested (Total Project Cost less Sponsor Share)</td> <td>\$ 445,500</td> </tr> </table>	Total Project Cost	\$ 450,000	Sponsor Share (1% min) <i>min = \$ 4,500</i>	\$ 4,500	Total Amount of Multimodal Funds Requested (Total Project Cost less Sponsor Share)	\$ 445,500
Total Project Cost	\$ 450,000						
Sponsor Share (1% min) <i>min = \$ 4,500</i>	\$ 4,500						
Total Amount of Multimodal Funds Requested (Total Project Cost less Sponsor Share)	\$ 445,500						

PROJECT JUSTIFICATION

The following list is based on the scoring criteria for the selection process. Please attach the responses to this application with each item numbered accordingly. The bullet points are items to take into consideration when completing the application and do not necessarily apply to all project requests.

1. Operational Impact on Airport

- Improve operational safety or security on the Airport?
- Enhance aviation service to the public?

2. Economic Impact of the Project

- Produce revenue or result in cost savings for the Airport?
- Benefit the economy of the surrounding community?
- Provided a thorough cost-benefit analysis of the Project evidencing the net value of the Project to the Airport and surrounding community?
- Create or support jobs, directly or indirectly, at the Airport or in the local community?

3. Airport Activity Supports the Proposed Project

- Support current operations or new operations at the Airport?

4. Funding

- Are funds necessary for the Project?
- Needed to complete an ongoing project or development?
- Be used as AIP matching funds or to leverage other funding?
- Are project costs and/or budget reasonable?

5. Consistency with Airport Layout

- Meets current design standards or allows for further development to meet future needs?
- Pertinent to the Airport's needs?

6. Any additional information the applicant would like for the Committee to consider in the competition for approval and funding of the project.

AUTHORIZED REPRESENTATIVE

Must be a City or County Official or an Airport Official – Signature/Date NOT required on e-mail file

Certification Statement:

I do hereby certify that the information provided in this application package is correct and true, to the best of my knowledge.

Name _____

Title _____

Phone Number: _____

Signature *Signature/Date not required on e-mailed file* _____

Date Signed: _____

SUBMITTAL REQUIREMENTS

Application Package Checklist*

- This application form
- Attach an 8½ x 11 sketch of the project area (if applicable)
- Attach a Detailed Cost Estimate
- Attach the Project Justification as outlined above

Submit eight (8) originals, stapled of the Application Package by March 31, 2017 to:

Mailing Address:

Aeronautics Division, MDOT
P.O. Box 1850
Jackson, MS 39215-1850

OR

Physical Address:

Aeronautics Division, MDOT
401 N. West Street, Suite 8100
Jackson, MS 39201
Phone: (601) 359-7850

PROJECT DESCRIPTION

The Vicksburg Municipal Airport is owned and operated by the City of Vicksburg and is included in the National Plan of Integrated Airport Systems (NPIAS). The airport is located on U.S. Highway 61 in the southern portion of the City of Vicksburg and serves approximately 20 based aircraft and numerous transient aircraft, including single and multi-engine piston driven aircraft, turbo-props, and corporate jets. The airport has RNAV approaches on both Runway 01 and Runway 19. The Airport serves as a vital facility for business, tourism, and recreational aviation activities.

The City of Vicksburg is requesting assistance through the 2018 MDOT Multi-Modal Transportation Improvement Plan to rehabilitate an existing hangar at the Vicksburg Municipal Airport. The proposed project will include rehabilitation of the southern hangar of the two hangar structure located off the parallel taxiway. The existing hangar to be rehabilitated is approximately 110' x 110' with a 30' door height. Work is anticipated to include replacement of all siding, roofing, and insulation, installation of LED lighting, installation of a new hangar door, and renovation of an existing office space.

PROJECT JUSTIFICATION

1. Operational Impact on Airport

The City of Vicksburg is committed to improving the service and safety of the Vicksburg Municipal Airport. The proposed project will have a positive effect on airport operations by providing space for more based aircraft. There are several issue which prevent full utilization of the exiting hangar. The existing hangar appears to be structurally sound. However, the siding and insulation has deteriorated and the roof has developed leaks, especially where the north and south hangars meet. The existing hangar is currently unsecured due to non-functioning door and open wall to the northern hangar. The proposed project would improve the condition of the existing hangar to attract potential tenants and provide a secure location for based aircraft.

In addition to the short term impact of basing several small aircraft in the hangar, the proposed project has potential long term impact by providing a space for a large corporate jet to base at the airport. The hangar has a clear opening (width and height) that will allow any aircraft that can operate out of the Vicksburg Municipal Airport to enter. Having this space available will allow VKS to attract clients needing this type of space.

2. Economic Impact of the Project

The proposed hangar project will be a revenue producing project by providing additional aircraft leasing space. This project will also boost airport fuel sales, indirect economic benefit, and FBO provided services. The City has indications from several aircraft owners that they will move their aircraft to Vicksburg if hangar space is available. The existing south hangar will accommodate approximately 10 aircraft and generate \$1,000-\$1,500 in direct lease revenue to the airport. The additional hangar space and based aircraft are expected to increase fuel sales.

3. Airport Activity Supports the Proposed Project

Vicksburg Municipal Airport is looking to attract more clientele to its airport in order to increase the number of operations and revenue. Vicksburg Municipal Airport has recently increased the number of based aircraft at the airport and has indications from additional aircraft owners that they will move their aircraft to Vicksburg if hangar space is available. As of March 7, 2017 the airport saw 1,711 local operations, 763 itinerant operations, and 142 military operations amounting to a total of 2,616 operations within a 12 month period. This represents approximately an 8% increase from the period ending April 2015. The airport also offers Av-Gas and Jet-A fuel in both full service and self-service.

4. Funding

The scope of the proposed project is to rehabilitate the southern hangar. The project will serve to maintain existing infrastructure and utilize it to produce revenue for the airport. The proposed estimate is \$450,000.00.

5. Consistency with Airport Layout

The location of the proposed projects is consistent with the Airport Layout Plan and the goals of the Sponsor.

6. Additional Information

The City of Vicksburg has completed many projects over the past several years in an effort to revitalize and improve the Vicksburg Municipal Airport. These projects have included the following:

- Installation of Precision Approach Path Indicator for Runway 19
- Runway 19 Obstruction Removal
- Development of an Airport Layout Plan
- Construction of Perimeter Fencing
- Construction of a New T-Hangar
- Major Terminal Building Renovations
- Rehabilitation of the T-Hangar Taxi Lane
- Rehabilitation of Hangar Aprons
- Construction of a Fuel Farm
- Installation of an Automated Weather Observation System (AWOS)
- Rehabilitation of the Airport Access Road and Parking Lot
- Installation of a Precision Approach Path Indicator (PAPI) for Runway 01
- Installation of Medium Intensity Taxiway Lighting (MITL) and airfield guidance signs
- Rehabilitation of Runway 01/19
- Rehabilitation of Main Apron
- Removal of Obstructions
- Installation of a Precision Approach Path Indicator (PAPI) for Runway 01

The City has utilized a variety of funding sources to complete these projects, including a large commitment of local funds as well as grants from FAA and MDOT.

FY2018 Airport Multimodal Milestones

Milestone	Projected Dates			Notes/Comments
	Construction	Equipment	Other	
Design Contract Awarded	8/1/2017			
Design Complete	11/1/2017			
RFP/IFB-Out for Bid	1/1/2018			
Bids/Proposals Due	2/1/2018			
Identify When Contract Awarded	3/1/2018			
Construction Notice to Proceed	4/1/2018			
Identify When Work Will Begin	5/1/2018			
Equipment Ordered				
Quarterly Progress Reports & Request for Reimbursements	January,	April,	July,	October
Equipment Delivered and Inspected				
Project Complete	10/1/2018			
Final Quarterly Report/ Reimbursement Request	1/1/2019			

Vicksburg Municipal Airport

Vicksburg, MS

Engineer's Opinion of Probable Construction Cost

Summary

Project		Description	Engineer's Opinion of Probable Construction Cost	
1		North Hangar	\$	308,280.00
2		South Hangar	\$	419,563.50
3		North and South Hangars	\$	630,051.90
4		Site Work / Drainage Improvements	\$	180,000.00

Vicksburg Municipal Airport
Vicksburg, MS
Engineer's Opinion of Probable Construction Cost
December 2016
Rehabilitate North Hangar

North Hangar Data	
Hangar Length	90
Hangar Depth	80
Eave Height	24
Door Width	63
Door Height	20

ITEM NO.	DESCRIPTION	QTY	UNIT	Engineer's Opinion of Probable Construction Cost	
				UNIT PRICE	TOTAL PRICE
1.0	Remove and Dispose of Existing Siding and Insulation	4488	SF	\$ 0.75	\$ 3,366.00
2.0	Remove and Dispose of Existing Roofing and Insulation	7896	SF	\$ 0.75	\$ 5,922.00
3.0	Remove and Dispose of Electrical Panel and Lighting	1	LS	\$ 5,000.00	\$ 5,000.00
4.0	Sandblast and Prime Structural Steel	1	LS	\$ 30,000.00	\$ 30,000.00
5.0	Install Exterior Siding	4488	SF	\$ 5.00	\$ 22,440.00
6.0	Install Roofing	7,896	SF	\$ 2.00	\$ 15,792.00
7.0	Install Interior Partition (80' x 12')	360	SF	\$ 4.00	\$ 3,840.00
8.0	Electrical Installation (LED Fixtures, Panel, Conductors)	1	LS	\$ 25,000.00	\$ 25,000.00
9.0	Remove and Dispose of Hangar Door and Track	1	LS	\$ 8,000.00	\$ 8,000.00
10.0	Install 63' x 20' Hangar Door and Track	1	LS	\$ 55,000.00	\$ 55,000.00
11.0	Epoxy Floor Seal	7200	SF	\$ 4.00	\$ 28,800.00
12.0	Remove and Dispose of Interior Office	400	SF	\$ 5.00	\$ 2,000.00
13.0	Interior Finishing (20' x 20' Office, HVAC, Plumbing, Restroom)	400	SF	\$ 45.00	\$ 18,000.00
14.0	Exterior Man Doors	2	EA	\$ 750.00	\$ 1,500.00
15.0	Louver and Exhaust Fan	1	EA	\$ 12,000.00	\$ 12,000.00
16.0	Valley Gutter	80	LF	\$ 100.00	\$ 8,000.00
17.0	Mobilization (5%)	1	LS	\$ 12,240.00	\$ 12,240.00
TOTAL OPINION OF PROBABLE CONSTRUCTION COST				\$	\$ 256,900.00
ENGINEERING AND ADMINISTRATIVE 20%					\$51,380.00
TOTAL OPINION OF PROBABLE PROJECT COST				\$	\$ 308,280.00

Vicksburg Municipal Airport

Vicksburg, MS

Engineer's Opinion of Probable Construction Cost

December 2016

Rehabilitate South Hangar

ITEM NO.	DESCRIPTION	QTY	UNIT	Engineer's Opinion of Probable Construction Cost	
				UNIT PRICE	TOTAL PRICE
1.0	Remove and Dispose of Existing Siding and Insulation	9726	SF	\$ 0.75	\$ 7,294.50
2.0	Remove and Dispose of Existing Roofing and Insulation	13396	SF	\$ 0.75	\$ 10,047.00
3.0	Remove and Dispose of Electrical Panel and Lighting	1	LS	\$ 5,000.00	\$ 5,000.00
4.0	Sandblast and Prime Structural Steel	1	LS	\$ 40,000.00	\$ 40,000.00
5.0	Install Exterior Siding	9726	SF	\$ 5.00	\$ 48,630.00
6.0	Install Roofing	43,396	SF	\$ 2.00	\$ 86,792.00
7.0	Install Interior Partition (80' x 12')	960	SF	\$ 4.00	\$ 3,840.00
8.0	Electrical Installation (LED Fixtures, Panel, Conductors)	1	LS	\$ 30,000.00	\$ 30,000.00
9.0	Remove and Dispose of Hangar Door and Track	1	LS	\$ 10,000.00	\$ 10,000.00
10.0	Install 70' x 30' Hangar Door and Track	1	LS	\$ 75,000.00	\$ 75,000.00
11.0	Epoxy Floor Seal	SF	12100	\$ 4.00	\$ 48,400.00
12.0	Remove and Dispose of Interior Office (By Others)	0	SF	\$ 5.00	\$ -
13.0	Renovation of Office (18' x 18')	324	SF	\$ 20.00	\$ 6,480.00
14.0	Exterior Man Doors		EA	\$ 750.00	\$ 1,500.00
15.0	Louver and Exhaust Fan	1	EA	\$ 12,000.00	\$ 12,000.00
16.0	Valley Gutter	80	LF	\$ 100.00	\$ 8,000.00
17.0	Mobilization (5%)		LS	\$ 16,650.00	\$ 16,650.00
TOTAL OPINION OF PROBABLE CONSTRUCTION COST				\$	\$ 349,633.50
ENGINEERING AND ADMINISTRATIVE 20%					\$ 69,930.00
TOTAL OPINION OF PROBABLE PROJECT COST				\$	\$ 419,563.50

South Hangar Data	
Hangar Length	110
Hangar Depth	110
Eave Height	34
Door Width	63
Door Height	20
Office Length	18
Office Depth	18
Office Eave Ht.	12

Vicksburg Municipal Airport
Vicksburg, MS
Engineer's Opinion of Probable Construction Cost
December 2016
Rehabilitate North and South Hangars

Engineer's Opinion of Probable Construction Cost			
ITEM NO.	DESCRIPTION	QTY	UNIT
1.0	Remove and Dispose of Existing Siding and Insulation	14454	SF
2.0	Remove and Dispose of Existing Roofing and Insulation	21292	SF
3.0	Remove and Dispose of Electrical Panel and Lighting	1	EA
4.0	Sandblast and Prime Structural Steel	1	LS
5.0	Install Exterior Siding	14454	SF
6.0	Install Roofing	21292	SF
7.0	Install Interior Partition (80' x 12')	960	SF
8.0	Electrical Installation (LED Fixtures, Panel, Conductors)	1	LS
9.0	Remove and Dispose of Hangar Door and Track	1	LS
10.0	Install 70' x 30' Hangar Door and Track and 63' x 20' Door and Track	1	LS
11.0	Epoxy Floor Seal	400	SF
12.0	Remove and Dispose of Interior Office	324	SF
13.0	Renovation of Office (18' x 18')	4	EA
14.0	Exterior Man Doors	400	SF
15.0	Interior Finishing (20' x 20' Office, HVAC, Plumbing, Restroom)	2	EA
16.0	Louver and Exhaust Fan	80	LF
17.0	Valley Gutter	1	LS
	Mobilization (5%)		
TOTAL OPINION OF PROBABLE CONSTRUCTION COST \$ 525,041.90			
ENGINEERING AND ADMINISTRATIVE 20% \$105,010.00			
TOTAL OPINION OF PROBABLE PROJECT COST \$ 630,051.90			

South Hangar Data	
Hangar Length	110
Hangar Depth	110
Eave Height	34
Door Width	63
Door Height	20
Office Length	18
Office Depth	18
Office Eave Ht.	12

North Hangar Data	
Hangar Length	90
Hangar Depth	80
Eave Height	24
Door Width	63
Door Height	20

Vicksburg Municipal Airport
Vicksburg, Mississippi

December 2016

Engineer's Opinion of Probable Construction Cost
Drainage Improvements - Rehabilitate Existing Storm Drainage System

				Engineer's Opinion of Probable Construction Cost	
ITEM NO.		QTY.	UNIT	UNIT PRICE	TOTAL PRICE
1.0	Mobilization	1	LS	\$ 7,200.00	\$ 7,200.00
2.0	Remove Existing Junction Box / Inlet	4	EA	\$ 750.00	\$ 3,000.00
3.0	Drainage Excavation	2,200	CY	\$ 4.00	\$ 8,800.00
4.0	Select Fill	3,000	CY	\$ 12.00	\$ 36,000.00
5.0	Install New Junction Box Inlet	4	EA	\$ 4,500.00	\$ 18,000.00
6.0	24" RCP, Class IV	750	LF	\$ 42.00	\$ 31,500.00
7.0	Trench Drain	260	LF	\$ 175.00	\$ 45,500.00
TOTAL OPINION OF PROBABLE CONSTRUCTION COST				\$	150,000.00
ENGINEERING AND ADMINISTRATIVE 20%					\$30,000.00
TOTAL OPINION OF PROBABLE PROJECT COST				\$	180,000.00

FUNDING SOURCES			
FAA	MDOT	City of Vicksburg	
\$ 6,480.00	\$ 360.00	\$	360.00
\$ 2,700.00	\$ 150.00	\$	150.00
\$ 7,920.00	\$ 440.00	\$	440.00
\$ 32,400.00	\$ 1,800.00	\$	1,800.00
\$ 16,200.00	\$ 900.00	\$	900.00
\$ 28,350.00	\$ 1,575.00	\$	1,575.00
\$ 40,950.00	\$ 2,275.00	\$	2,275.00
\$ 135,000.00	\$ 7,500.00	\$	7,500.00
\$ 27,000.00	\$ 1,500.00	\$	1,500.00
\$ 162,000.00	\$ 9,000.00	\$	9,000.00