

SUMMARY REPORT TO THE CITY MANAGER

for Council Meeting of June 12, 2006

SUBJECT: Amendment to the Professional Services Agreement for Barstow Airport Runway 18/36 Rehabilitation

INITIATED BY: City of Midland Engineering Department

RESOLUTION SUMMARY: This resolution authorizes the Mayor and City Clerk to execute an amendment to the professional services agreement between the City and Mead and Hunt Inc. relating to the rehabilitation of Runway 18/36 and parallel taxiway at the Barstow Municipal Airport.

ITEMS ATTACHED:

1. Cover Letter
2. Resolution
3. Location Map
4. Contract Amendment

CITY COUNCIL ACTION: 3/5 vote required to approve resolution

SUBMITTED BY: Bradd Maki, Assistant City Engineer *B.M.*



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DATE: June 6, 2006

TO: Karl S. Tomion, City Manager

FROM: Bradd Maki, Assistant City Engineer *BDM*

SUBJECT: Professional Services for Rehabilitation of Runway 18/36,
MDOT Project No. FM 56-01-C37
Barstow Municipal Airport

Attached is a resolution amending a previously approved professional services agreement related to the rehabilitation of Runway 18/36 and parallel taxiway at Jack Barstow Municipal Airport. The original agreement between City of Midland and Mead & Hunt, Inc. was approved on October 10, 2005 for engineering design services which have been completed. The amendment will provide for construction administration services on this project.

The additional work will consist of construction administration services associated with the rehabilitation of Runway 18/36 and the associated parallel taxiway. Services will include inspection, surveying, and related field testing.

As the original agreement and amendment involve grant funding, the Michigan Department of Transportation (MDOT) will act as an agent to the City and will pay for 97.5% of the total cost for the related services. On June 6, City Council will also consider the related grant contract to accept funding for the construction project, which includes costs for construction administration services.

The amendment was also reviewed and approved by MDOT and by the City Attorney.

It is recommended that this contract be approved by City Council and that the Mayor and City Clerk be authorized to sign the contract on behalf of the City of Midland.



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BY COUNCILMAN

WHEREAS, on October 10, 2005 a professional services agreement was approved between the City of Midland and Mead & Hunt, Inc. for the design of Runway 18/36 and parallel taxiway rehabilitation at Barstow Municipal Airport; and

WHEREAS, an amendment to said agreement was provided to the City of Midland by Mead & Hunt, Inc. to include construction administration services; and

WHEREAS, the City of Midland approved a contract with MDOT to approve funding for said work in accordance with Federal, State, and local cost sharing formulas; and

WHEREAS, the City of Midland supports having said construction administration services rendered; now therefore

RESOLVED, that the City Council hereby approves the amended professional services agreement with Mead & Hunt, Inc. of Lansing, Michigan and authorizes the Mayor and City Clerk to execute the agreement on behalf of the City of Midland following final approval of the amended agreement by the City Attorney.

YEAS:

NAYS:

ABSENT:

I, Selina Tisdale, City Clerk, City of Midland, Counties of Bay and Midland, State of Michigan, do hereby certify that the foregoing is a true and correct copy of a resolution adopted by a yeas vote of all the Councilmen present at a regular meeting of the City Council held Monday, June 12, 2006.

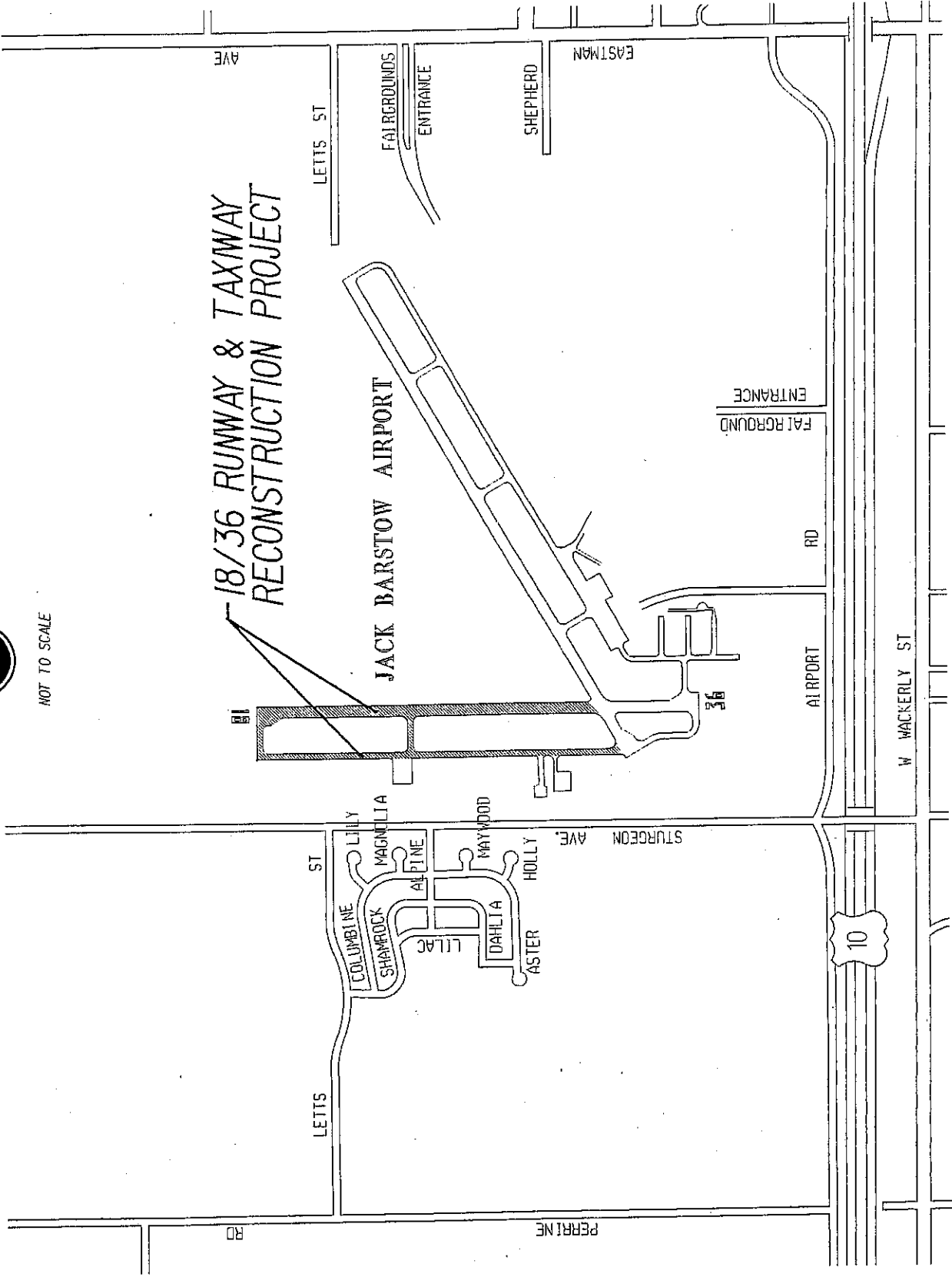
Selina Tisdale, City Clerk



NOT TO SCALE

18/36 RUNWAY & TAXWAY RECONSTRUCTION PROJECT

JACK BARSTOW AIRPORT



Amendment # 1

Between

MEAD & HUNT, INC.

and

City of Midland

**Amendment to base agreement for Professional
Engineering Services**

(Original agreement dated 10/10/2005)

**Construction Administration Services
for
Rehab Runway 18/36 and Parallel Taxiway**

At the

**Jack Barstow Airport
Midland, Michigan
Mead & Hunt Project No.: 13353-00-0600__**

Purpose of Amendment

The purpose of this amendment is to establish a scope of services and fee for the construction supervision associated with the rehabilitation of runway 18/36 and its associated parallel taxiway located at the Jack Barstow Airport in Midland, Michigan. The original agreement did not include a fee for the construction supervision services.

Scope of Services

The scope of services for construction supervision is outlined in the original agreement. The CONSULTANT shall perform the duties as prescribed and supported in the detailed breakdown of cost in Attachment A. This will include processing pay requests for the contractor, directly with AERO. This project involves the rehabilitation of approximately 2200 linear feet of runway, 2800 linear feet of parallel taxiway, installation of 68 medium intensity runway edge lights, and placement of approximately 13,800 square feet of half rate pavement marking, and 27,000 square feet of full rate pavement marking. These items will all be constructed in accordance with the plans signed by the CONSULTANT on February 16, 2006.

Compensation

The CONSULTANT shall be compensated a lump sum amount for the services identified in the scope of services. The amount of compensation for the construction supervision shall be fifty-one thousand, six hundred thirteen dollars and 05/100 (\$51,613.05). A detailed breakdown of these costs is included in Attachment A. The CONSULTANT shall bill the SPONSOR in accordance with the terms and condition of the original agreement.

All other terms and conditions of the original base agreement shall remain in full force and effect.

This amendment and its conditions along with the conditions and requirements of the original agreement are hereby accepted by both parties as witnessed by these signatures:

WITNESS:

CITY OF MIDLAND

By: _____
Bruce A. Johnson

Title: Mayor

Date: _____

WITNESS:

CITY OF MIDLAND

By: _____
Selina Tisdale

Title: City Clerk

Date: _____

WITNESS:

MEAD & HUNT, INC.

By: _____

Title: Vice President

Date: _____

SUMMARY SHEET

Airport: Jack Barstow Airport
 Project Description: Rehabilitate Runway 18/36 and Parallel Taxiway
 M & H Project No.: 13353-0600
 60 Calendar days in contract

ELEMENT	COST BY ELEMENT
ELEMENT 1.21 - PRECONSTRUCTION CONFERENCE	\$1,253.06
ELEMENT 1.22 - GENERAL INFORMATION AND COORDINATION	\$4,140.21
ELEMENT 1.23 - ENGINEERING SURVEYING AND LAYOUT AS MAY BE APPLICABLE	\$12,755.10
ELEMENT 1.24 - MATERIAL TESTING AND SHOP DRAWINGS	\$2,923.61
ELEMENT 1.25 - FIELD TEST AND GRADE INSPECTIONS AS MAY BE APPLICABLE	\$13,255.51
ELEMENT 1.26 - COST ESTIMATE AND CHANGE ORDER	\$4,846.13
ELEMENT 1.27 - WEEKLY REPORTS	\$894.70
ELEMENT 1.28 - FINAL INSPECTION - FINAL REPORT	\$3,944.11
ELEMENT 1.29 - FINAL QUANTITIES - AS CONSTRUCTED PLANS & ALP	\$1,414.63
M&H PROJECT COSTS*	
	\$45,427.05

*excludes sub consultants

COST BREAKDOWN	
LABOR COST	\$12,876.00
OVERHEAD COST @ 1.6736	\$21,549.27
DIRECT COSTS	\$6,500.00
PROFIT @ 11%	\$4,501.78
SUB TOTAL	\$45,427.05
SUB CONSULTANTS-Engineering Services, Inc.	\$6,186.00
TOTAL COST THIS PROJECT	\$51,613.05

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	45	36	32	28	18	18	17.5	36
ELEMENT 1.21 - PRECONSTRUCTION CONFERENCE								
Preconstruction Meeting	0	4		8			2	
TOTAL HOURS	0	4	0	8	0			0
No. of trips at At 220 miles/trip		1						
Meals (days)		1		1				
Nights Lodging								
Total labor and overhead this element	\$983.88							
Mileage this element (\$.50/mile)	\$110.00							
Meals this element (\$30/Trip)	\$0.00							
Meals this element (\$10/trip)	\$20.00							
Lodging (\$75/night)	\$0.00							
Phone	\$5.00							
Materials	\$10.00							
Profit this element	\$124.18							
TOTAL COST THIS ELEMENT	\$1,253.06							

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	\$ 45.00	\$ 36.00	\$ 32.00	\$ 28.00	\$ 18.00	\$ 18.00	\$ 17.50	\$ 36.00
ELEMENT 1.22 - GENERAL INFORMATION AND COORDINATION								
Agency Coordination		4						
Construction Management Report		4		8			4	
Coordination with Sponsor	0	16		8				
TOTAL HOURS	0	24	0	16	0	0	4	0
No. of trips at At 220 miles/trip								
Meals (days)								
Nights Lodging								
Total labor and overhead this element	\$3,694.92							
Mileage this element (\$.50/mile)	\$0.00							
Meals this element (\$30/Trip)	\$0.00							
Meals this element (\$10/trip)	\$0.00							
Lodging (\$75/night)	\$0.00							
Phone	\$10.00							
Materials	\$25.00							
Profit this element	\$410.29							
TOTAL COST THIS ELEMENT	\$4,140.21							

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	\$ 45.00	\$ 36.00	\$ 32.00	\$ 28.00	\$ 18.00	\$ 18.00	\$ 17.50	\$ 36.00
ELEMENT 1.23 - ENGINEERING SURVEYING AND LAYOUT AS MAY BE APPLICABLE								
Initial Control and Layout				24	24			
Miscellaneous Staking as Required				40	40			
TOTAL HOURS	0	0	0	64	64	0	0	0
No. of trips at At 220 miles/trip				2				
Meals (days)				8	8			
Nights Lodging				6	6			
Total labor and overhead this element	\$7,871.08							
Mileage this element (\$.50/mile)	\$220.00							
Meals this element (\$.30/Trip)	\$360.00							
Meals this element (\$.10/trip)	\$40.00							
Lodging (\$.75/night)	\$900.00							
Phone	\$100.00							
Materials	\$2,000.00							
Profit this element	\$1,264.02							
TOTAL COST THIS ELEMENT	\$12,755.10							

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	\$ 45.00	\$ 36.00	\$ 32.00	\$ 28.00	\$ 18.00	\$ 18.00	\$ 17.50	\$ 36.00
ELEMENT 1.24 - MATERIAL TESTING AND SHOP DRAWINGS								
Material Testing				8	24			
Shop Drawings, Catalog Cuts and Certs.								
TOTAL HOURS	0	8	0	8	24	0	0	0
No. of trips at At 220 miles/trip								
Meals (days)								
Nights Lodging								
Total labor and overhead this element	\$2,523.88							
Mileage this element (\$.50/mile)	\$0.00							
Meals this element (\$.30/Trip)	\$0.00							
Meals this element (\$.10/trip)	\$0.00							
Lodging (\$.75/night)	\$0.00							
Phone	\$10.00							
Materials	\$100.00							
Profit this element	\$289.73							
TOTAL COST THIS ELEMENT	\$2,923.61							

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	\$ 45.00	\$ 36.00	\$ 32.00	\$ 28.00	\$ 18.00	\$ 18.00	\$ 17.50	\$ 36.00
ELEMENT 1.25 - FIELD TEST AND GRADE INSPECTIONS AS MAY BE APPLICABLE								
Construction Inspection for Grading				56				
Construction Inspection for Drainage				48				
Construction Inspection for Paving				2				
Haul Road and Storage Area Restoration				8				
Construction Inspection for Seeding				16				
Construction Inspection for Marking								
TOTAL HOURS	0	0	0	130	0	0	0	0
No. of trips at At 220 miles/trip				3				
Meals (days)				15				
Nights Lodging				14				
Total labor and overhead this element	\$9,731.90							
Mileage this element (\$.50/mile)	\$330.00							
Meals this element (\$30/Trip)	\$420.00							
Meals this element (\$10/trip)	\$10.00							
Lodging (\$75/night)	\$1,050.00							
Phone	\$100.00							
Materials	\$300.00							
Profit this element	\$1,313.61							
TOTAL COST THIS ELEMENT	\$13,255.51							

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	\$ 45.00	\$ 36.00	\$ 32.00	\$ 28.00	\$ 18.00	\$ 18.00	\$ 17.50	\$ 36.00
ELEMENT 1.26 - COST ESTIMATE AND CHANGE ORDER								
Quantity Measurement and Calculation				16				
Prepare Cost Estimate		4		8				8
Prepare and Distribute Change Order		4		16				4
TOTAL HOURS	0	8	0	40	0	0	12	0
No. of trips at At 220 miles/trip								
Meals (days)								
Nights Lodging								
Total labor and overhead this element	\$4,325.88							
Mileage this element (\$.50/mile)	\$0.00							
Meals this element (\$30/Trip)	\$0.00							
Meals this element (\$10/trip)	\$0.00							
Lodging (\$75/night)	\$0.00							
Phone	\$20.00							
Materials	\$20.00							
Profit this element	\$480.25							
TOTAL COST THIS ELEMENT	\$4,846.13							

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	\$ 45.00	\$ 36.00	\$ 32.00	\$ 28.00	\$ 18.00	\$ 18.00	\$ 17.50	\$ 36.00
ELEMENT 1.27 - WEEKLY REPORTS								
Enter IDR's				8				4
Prepare Weekly Report								
TOTAL HOURS	0	0	0	8	0	0	4	0
No. of trips at At 220 miles/trip								
Meals (days)								
Nights Lodging								
Total labor and overhead this element	\$786.04							
Mileage this element (\$.50/mile)	\$0.00							
Meals this element (\$30/Trip)	\$0.00							
Meals this element (\$10/trip)	\$0.00							
Lodging (\$75/night)	\$0.00							
Phone	\$20.00							
Materials	\$0.00							
Profit this element	\$98.66							
TOTAL COST THIS ELEMENT	\$894.70							

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	\$ 45.00	\$ 36.00	\$ 32.00	\$ 28.00	\$ 18.00	\$ 18.00	\$ 17.50	\$ 36.00
ELEMENT 1.28 - FINAL INSPECTION - FINAL REPORT								
Final Inspection		8		8				
Prepare Punch List		2		4				2
Prepare Final Report		2		16				2
TOTAL HOURS	0	12	0	28	0	0	4	0
No. of trips at At 220 miles/trip		1						
Meals (days)								
Nights Lodging								
Total labor and overhead this element	\$3,438.25							
Mileage this element (\$.50/mile)	\$110.00							
Meals this element (\$30/Trip)	\$0.00							
Meals this element (\$10/trip)	\$0.00							
Lodging (\$75/night)	\$0.00							
Phone	\$0.00							
Materials	\$5.00							
Profit this element	\$390.86							
TOTAL COST THIS ELEMENT	\$3,944.11							

Employee Classification	PROJECT MANAGER	PROJECT ENGINEER	SENIOR ENG TECH	ENG TECH III	SURVEY TECH	CADD TECH	ADMIN ASSISTANT	AVIATION PLANNER
Hourly Rate	\$ 45.00	\$ 36.00	\$ 32.00	\$ 28.00	\$ 18.00	\$ 18.00	\$ 17.50	\$ 36.00
ELEMENT 1.29 - FINAL QUANTITIES - AS CONSTRUCTED PLANS & ALP								
Negotiate Final Quantities		4		4				
Prepare As Constructed Plans						8		
Update ALP								
TOTAL HOURS	0	4	0	4	0	8	0	0
No. of trips at At 220 miles/trip								
Meals (days)								
Nights Lodging								
Total labor and overhead this element	\$1,069.44							
Mileage this element (\$.50/mile)	\$0.00							
Meals this element (\$30/Trip)	\$0.00							
Meals this element (\$10/trip)	\$0.00							
Lodging (\$75/night)	\$0.00							
Phone	\$5.00							
Materials	\$200.00							
Profit this element	\$140.19							
TOTAL COST THIS ELEMENT	\$1,414.63							