

AMENDMENT NO. 2

TO: Agreement for Professional Engineering Service Dated January 12, 2015.

BETWEEN: City of Charlotte

AND

Prein&Newhof

LOCATION: Fitch H. Beach Airport, Charlotte, MI



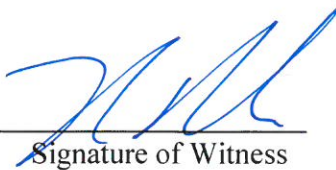
PROJECT: C18: Runway 2/20 – Concrete Joint Repair

PURPOSE: Establish fees for supplemental construction phase services for the project. Scope of work for this amendment are further described in Attachment E to this Amendment. The fixed fee for construction phase services shall be seven thousand dollars (\$7,000.00). A breakdown of the fee (for informational purposes) is included as Attachment C to this Amendment.

ACCEPTED BY SPONSOR

Authorized Representative	Date	Signature of Witness
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ACCEPTED BY CONSULTANT

 James A. Cook, Chairman	 Date	 Signature of Witness
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ATTACHMENT "C"
ESTIMATED MAN HOUR ASSIGNMENTS AND COSTS

P&N No: 2140595

FITCH H. BEACH AIRPORT
CHARLOTTE, MICHIGAN
Project No. B-26-0018-1713
Contract No. FM 23-02-C17

AMENDMENT 2: SUPPLEMENTAL CONSTRUCTION PHASE SERVICES: Runway 2/20 – Concrete Joint Repair

	PROJECT PRINCIPAL	PROJECT MANAGER	SENIOR ENGINEER	ENGINEER	SURVEYOR	SURVEY CREW	TECHNICIAN	CLERICAL	TOTAL	EXPENSES	AMOUNT PERSONNEL	TOTAL AMOUNT BY TASK
TASK I		8	4						12	\$ 4,085.11	\$ 472.00	\$ 5,508.65
TASK II		8	4						12	\$ 67.80	\$ 472.00	\$ 1,497.34
TASK III										\$ -	\$ -	\$ -
TASK IV										\$ -	\$ -	\$ -
TASK V										\$ -	\$ -	\$ -
TASK VI										\$ -	\$ -	\$ -
TASK VII										\$ -	\$ -	\$ -
TASK VIII										\$ -	\$ -	\$ -
TOTALS -		16	8						24	\$ 4,152.91	\$ 944.00	\$ 7,000.00
HOURLY RATES	\$ 68.00	\$ 40.00	\$ 38.00	\$ 25.00	\$ 38.00	\$ 54.00	\$ 30.00	\$ 20.00				
AMOUNT PERSONNEL	\$ -	\$ 640.00	\$ 304.00	\$ -	\$ -	\$ -	\$ -	\$ -	944.00			
OVERHEAD	\$ -	\$ 1,088.94	\$ 522.00	\$ -	\$ -	\$ -	\$ -	\$ -	1,620.94			
PROFIT 11%	\$ -	\$ 191.28	\$ 90.86	\$ -	\$ -	\$ -	\$ -	\$ -	282.14			
TOTAL PERSONNEL CHARGES	\$ -	\$ 1,930.23	\$ 916.86	\$ -	\$ -	\$ -	\$ -	\$ -	2,847.09			
										TOTAL CONTRACT = \$	7,000.00	

	ITEM I	ITEM II	ITEM III	ITEM IV	ITEM V	ITEM VI	ITEM VII	ITEM VIII	ITEM IX	ITEM X	Total Expenses
COMMERCIAL CARRIER	\$ 120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
VEHICLE MILES	\$ 67.80	\$ 120	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 135.60
MILES X \$0.565	\$ -	\$ 67.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
NUMBER OF PEOPLE DAYS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PEOPLE DAYS X \$80.00	\$ 65.31	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 65.31
MATERIALS & SUPPLIES	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PRINTING	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SOMAT Engineering	\$ 3,952.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,952.00
TOTAL	\$ 4,085.11	\$ 67.80	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,152.91

ATTACHMENT “E”

Scope of Work/Services Supplemental Construction Phase Services Runway 2/20 – Concrete Joint Repair Fitch H. Beach Airport

General

The project includes Construction Phase (2) services listed in Article 1 of the Contract as amended in “Construction Phase Scope of Work”.

- 1) Due to better than anticipated bid results, the airport is able to include joint sealing and remarking work on the parallel taxiway after the contractor finishes the existing runway scope of work.
- 2) Upon further investigation, as requested by Airport Staff, it was determined and confirmed with MDOT Aero that the runway numbers for all runways must be changed due to “magnetic north drift” (aka – shifting magnetic declination).

Construction Phase Scope of Work

Professional services fees are based on a construction schedule of 3 additional calendar days of work based upon construction schedules for full time work identified by the contractor. Fees are further based on the following:

Task 1 – Parallel Taxiway Sealing & Remarking

1. Plan development and calculations for additional work
2. Supplemental contractor coordination and project administration
3. Supplemental onsite inspection and onsite meeting.
4. No additional survey or materials testing are anticipated.

Task 2 – Magnetic Declination Changes to Airport Runways

1. Quantity calculations and plan changes.
2. Assistance with Airport signage replacement acquisition
3. FAA coordination to update publications and approaches to new numbers
4. No additional construction schedule time is anticipated with this work.