

PUBLIC WORKS COMMITTEE MEETING
Airport Conference Room & Tour
Thursday- April 1, 2010 @ 1030

	Attachments	AIRPORT AGENDA	
MINUTES 1.		APPROVAL OF MEETING MINUTES – March 2, 2010	CHM. BELDEN
NEW BUSINESS			CHM. BELDEN
2.	Yes	Resolution Request – New Contract with Hi-Lite Markings to install mandatory airfield paint markings.	Don DeGraw
3.	Yes	Resolution Request – Establish Capital Project for Airfield paint markings (H308).	Don DeGraw
4.	Yes	Resolution Request – Misc., - To increase grant application amount of airport snow blower from \$450K to \$550K in Resolution 147 of 2010.	Don DeGraw
5.	No	Resolution Request – Establish Capital Project for Airport Fire Truck and Airport Snow Blower. (H310)	Don DeGraw
6.	No	Resolution Request – Establish Capital Project for Rwy 1 Wetland Site Monitoring (H309)	Don DeGraw
7.	No	Resolution Request – Establish Capital Project for Rwy 12/30 PAPI design. (H311)	Don DeGraw
8.	<u>Handouts</u> <u>Exec. Summary</u> <u>News Article</u>	Review and update of Forest Enterprises land easement efforts and discussion on runway 1/19 1000' extension project.	Don DeGraw, <i>Steve Babcock & Steve Calocerinos – C & S Companies</i>
OLD BUSINESS			CHM. BELDEN
REFERRALS			
9.		Attached. "April 2010"	Don DeGraw
PRIVILEGE OF THE FLOOR			CHM. BELDEN
ADJORNMENT			CHM. BELDEN



RESOLUTION REQUEST FORM NO. 3

Request for New Contract

DEPARTMENT NAME: DPW - Airport

DATE: March 8, 2010

- (a) Is this a Result of a Bid or Request for Proposal? Bid - FAA/State Funded Grant
- (b) Purpose of Contract: To construct FAA mandatory Airfield Pavement Markings at the Floyd Bennett Memorial Airport.
- (c) Name of Contractor: Hi-Lite Markings, Inc.
- (d) Address of Contractor: 18249 Hi-Lite Drive, PO Box 460, Adams Center, NY 13606
- (e) Contractor's Contact Person and Telephone Number: Richard McNeely III, Phone 315-583-6111 or Fax 315-583-5807
- (f) Has or will the Contract be provided, if so, please attach: Will be provided.
- (g) Commencement Date of Contract: When approved.
- (h) Termination Date of Contract: As required in the contract.
- (i) Payment Provisions:
 - i) lump sum amount
 - ii) hourly rate amount
 - iii) total amount not to exceed \$27,300
 - iv) how will payments be made (i.e. monthly, quarterly, upon completion of the project, etc.
- (j) Where are the Funds for this Contract? List Budget Code, (with title), Object Code (with title), and Amount: OR Capital Project OR Capital Reserve Project Number, and Title, and Amount: 95% Federal - \$25,935, 2.5% State & Local - \$683 - Capital Project- H 308 9550 280

WARREN COUNTY

BID TABULATION SHEET

<p>BID NO.: WC 31-10</p> <p>ITEM(S): AIRFIELD PAVEMENT MARKINGS PROJECT AT FLOYD BENNETT MEMORIAL AIRPORT, WARREN COUNTY, NEW YORK</p> <p>DATE: FEBRUARY 25, 2010</p> <p>TIME: 3:00 P.M.</p>	<p align="center">NAME & ADDRESS OF BIDDER</p> <p>Hi-Lite Markings, Inc. Attn: Richard McNeely III 18249 Hi-Lite Drive PO Box 460 Adams Center, NY 13606 Ph: 315-583-6111</p>
<p>DESCRIPTION OF ITEM</p>	<p align="center">BID PRICE</p>
<p>Airfield Pavement Markings Lump Sum Amount</p>	<p align="right">\$27,300.00</p>
<p>BID AWARDED TO:</p>	
<p>JULIE A. PACYNA, PURCHASING AGENT</p>	

RESOLUTION REQUEST FORM NO. 8

Request to Establish Capital Project or Capital Reserve Project*

****If this is the result of a grant award, also complete and submit Form No. 5 or 6***

DEPARTMENT NAME: DPW-Airport

DATE: March 9, 2010

- (a) **Exact Title and Number of Project (must be obtained from Treasurer's Office):** Airport Painting & Pavement Markings H 308 9550 280
- (b) **Is this a Capital Project?** YES
- (c) **Is this a Capital Reserve Project?** NO
- (d) **Amount of Project:** \$35,300 = (\$27,300 construction + \$8,000 engin.)
- (e) **Source of Funding (including name & title of codes, etc.):** 95% FAA Federal Grant -\$33,535; 2.5% NYS-DOT Grant - \$883; 2.5% County Funding - \$883 - Transfer funds from (General Fund).
- (f) **Purpose of Establishment:** - To provide construction and engineering services for airport painting/pavement markings, as required by the FAA by Fall of 2010.

ARCHITECTURAL/ENGINEERING COST SUMMARY SCHEDULE "B1" DESIGN PHASE

PROJECT NAME: Runway 12-30 PAPI & Surface Painted Holding Position Pavement Markings
DESCRIPTION: Design and CA/CO for Pavement Markings

DATE: 22-Jan-10
AVE: C & S ENGINEERS, INC.
PROJECT NO: 107.037.001
C&S CONTACT: CDB

MANAGER: Donald DeGraw

MANAGER: Chris Brubach

DIRECT SALARY COSTS:

	TITLE	MAXIMUM RATE OF PAY (\$/HR)	AVERAGE RATE OF PAY (\$/HR)	@	HOURS	COST
						\$0.00
						\$0.00
A.	SERVICE GROUP MANAGER	\$80.70	\$69.80	X	0	\$0.00
B.	DEPARTMENT MANAGER	\$69.80	\$53.20	X	0	\$0.00
C.	MANAGING ENGINEER	\$50.20	\$48.60	X	0	\$0.00
D.	CHIEF ENGINEER	\$49.70	\$47.50	X	0	\$238.00
E.	SENIOR PROJECT ENGINEER	\$44.00	\$39.60	X	6	\$0.00
F.	PROJECT ENGINEER	\$42.00	\$35.80	X	0	\$628.00
G.	ENGINEER	\$37.60	\$34.90	X	18	\$0.00
H.	STAFF ENGINEER	\$31.30	\$27.20	X	0	\$0.00
I.	SENIOR DESIGNER	\$37.60	\$32.40	X	0	\$423.00
J.	DESIGNER	\$31.30	\$24.90	X	17	\$0.00
K.	CADD OPERATOR	\$22.40	\$20.60	X	0	\$0.00
L.	ADMINISTRATIVE ASSISTANT	\$24.80	\$20.60	X	0	\$0.00
M.	GRANTS ADMINISTRATOR	\$37.10	\$33.30	X	0	\$0.00
N.	MANAGER AIRPORT PLANNING	\$56.00	\$53.80	X	0	\$0.00
O.	SENIOR PLANNER	\$56.10	\$44.20	X	0	\$0.00
P.	PLANNER	\$39.40	\$36.50	X	0	\$0.00
Q.	STAFF PLANNER	\$30.10	\$27.80	X	0	\$0.00
R.	SENIOR PROJECT ARCHITECT	\$41.20	\$37.90	X	0	\$0.00
S.	PROJECT ARCHITECT	\$34.80	\$33.00	X	0	\$0.00
T.	MANAGING GEOLOGIST (SOILS ENG)	\$52.60	\$50.30	X	0	\$0.00
U.	GEOLOGIST	\$25.20	\$23.70	X	0	\$0.00
V.	ENVIRONMENTAL SCIENTIST	\$32.40	\$28.50	X	0	\$0.00
W.	SENIOR CONSTRUCTION SUPERVISOR	\$62.50	\$60.20	X	0	\$875.00
X.	CONSTRUCTION SUPERVISOR	\$50.20	\$48.60	X	18	\$0.00
Y.	RESIDENT ENGINEER	\$43.90	\$41.80	X	0	\$0.00
Z.	CHIEF INSPECTOR	\$34.80	\$33.00	X	0	\$0.00
AA.	SENIOR INSPECTOR	\$31.00	\$26.70	X	0	\$0.00
BB.	INSPECTOR	\$31.30	\$27.80	X	0	\$0.00
CC.	JUNIOR INSPECTOR	\$19.70	\$18.50	X	0	\$334.00
DD.	SENIOR TECHNICAL ADMINISTRATOR	\$29.50	\$27.80	X	12	\$0.00
EE.	PARTY CHIEF	\$53.90	\$51.60	X	0	\$0.00
FF.	SURVEYOR I	\$50.80	\$48.50	X	0	\$0.00
GG.	SURVEYOR II	\$50.80	\$48.50	X	0	\$0.00
TOTAL ESTIMATED DIRECT SALARY COST:						\$2,498.00

OVERHEAD EXPENSES & PAYROLL BURDEN PER SCHEDULE "C" -
(AUDITABLE, ESTIMATED AND EXPRESSED AS A PERCENTAGE
OF DIRECT SALARY COST):

160.00%

\$3,997.00

\$6,495.00

II. SUBTOTAL OF ITEMS I & II:

III DIRECT EXPENSES:

TRAVEL, BY AUTO:	TRIPS @	60	MILES/TRIP @	\$0.500	=	\$360.00
TRAVEL, BY AIR:	TRIPS @	0	PERSONS @	\$0.00	=	\$0.00
PER DIEM:	DAYS @	0	PERSONS @	\$182.00	=	\$0.00
MISCELLANEOUS:					=	<u>\$102.00</u>

TOTAL ESTIMATE OF DIRECT EXPENSES:

\$462.00

IV FIXED FEE (PROFIT, LUMP SUM):

A.	LABOR PLUS OVERHEAD:	15%	(OF III.)	\$974.00
B.	DIRECT EXPENSES:	15%	(OF IV.)	<u>\$69.00</u>
	TOTAL FIXED FEE:			<u>\$1,043.00</u>

V TOTALS:

A.	ESTIMATE OF MAXIMUM TOTAL COST FOR DESIGN SERVICES, AGREEMENT TOTAL & FAA ELIGIBLE:	\$8,000.00
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RESOLUTION REQUEST FORM NO. 20

MISCELLANEOUS

****Please List All Other Requests Not Covered by Previous Resolution Request Forms Here.
Please attach any backup information available and be as detailed as possible.***

DEPARTMENT NAME: DPW - Airport

DATE: March 25, 2010

- (a) Purpose of Request: Amending Resolution 147 of 2010.

- (b) Details: This amendment will increase the grant application amount for a new snow blower from \$450,000 to \$550,000, and eliminate "single engine" from wording to permit the equipment to be rebid with new specifications (per resolution request 227 of 2010). The local share of 2.5% of grant amount will increase by \$2,500.

- (c) Previous Resolution Number: 147 & 227 of 2010

Warren County Board of Supervisors

RESOLUTION NO. 147 OF 2010

Resolution introduced by Supervisors Stec, Goodspeed, Belden, Bentley, Taylor, VanNess, Kenny, Merlino and Conover

AUTHORIZING THE SUBMISSION OF A GRANT APPLICATION TO THE FEDERAL AVIATION ADMINISTRATION AND/OR THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION FOR PURCHASE OF SNOW REMOVAL EQUIPMENT - AIRPORT

RESOLVED, that the Chairman of the Board of Supervisors be, and hereby is, authorized to execute a grant application to the Federal Aviation Administration and/or the New York State Department of Transportation for the purchase of a single engine self propelled airport snow blower, for an amount not to exceed Four Hundred Fifty Thousand Dollars (\$450,000), and be it further

RESOLVED, that upon notification of the awarding of grant funds, the Chairman of the Board of Supervisors be, and hereby is, authorized to execute a grant agreement and/or any other documentation required to obtain the funding for the purchase, in the form approved by the County Attorney, without the need for further resolution(s), and be it further

RESOLVED, that the County's share of the grant amount, which is two and one-half percent (2.5%) or Eleven Thousand Two Hundred Fifty Dollars (\$11,250), shall be through the issuance of a serial bond.

Warren County Board of Supervisors

RESOLUTION NO. 227 OF 2010

Resolution introduced by Supervisors Belden, Bentley, Stec, Merlino, Champagne, Pitkin, Loeb, McCoy and Conover

REJECTING ALL PROPOSALS WITH REGARD TO THE REQUEST FOR PROPOSALS FOR AIRPORT SINGLE ENGINE SELF-PROPELLED SNOW BLOWER (WC 34-10); AUTHORIZING REBID FOR SAID SERVICES - AIRPORT

WHEREAS, the the Purchasing Agent advertised for sealed bids for Airport Single Engine Self-Propelled Snow Blower (WC 34-10), and

WHEREAS, the County received two proposals, and

WHEREAS, the Public Works Committee has recommended rejecting both proposals and rebidding for said services to include updated specifications, now, therefore, be it

RESOLVED, that the two proposals received for Airport Single Engine Self-Propelled Snow Blower (WC 34-10), be, and hereby are, rejected, and be it further

RESOLVED, that the Purchasing Agent notify the companies that submitted proposals of the County's rejection of their proposals, and be it further

RESOLVED, that the Warren County Board of Supervisors hereby directs the Purchasing Agent to rebid for said services with updated specifications.

RESOLUTION REQUEST FORM NO. 8

Request to Establish Capital Project or Capital Reserve Project*

****If this is the result of a grant award, also complete and submit Form No. 5 or 6***

DEPARTMENT NAME: DPW-Airport

DATE: March 15, 2010

- (a) Exact Title and Number of Project (must be obtained from Treasurer's Office): Airport Fire Truck & Snow Blower - H 310 9550 280
- (b) Is this a Capital Project? YES
- (c) Is this a Capital Reserve Project? NO
- (d) Amount of Project: \$680,000 - Fire Truck & \$550,000 Snow Blower = \$1,230,000
- (e) Source of Funding (including name & title of codes, etc.): =95% FAA Federal Grant -\$1,168,500; 2.5% NYS-DOT Grant - \$30,750; 2.5% County Funding - \$30,750 -Short Term Borrowing, Subject to Recommendation of Treasurer.
- (f) Purpose of Establishment: - To purchase a Fire Truck and a Snow Blower, to replace existing equipment.

RESOLUTION REQUEST FORM NO. 8

Request to Establish Capital Project or Capital Reserve Project*

****If this is the result of a grant award, also complete and submit Form No. 5 or 6***

DEPARTMENT NAME: DPW-Airport

DATE: March 15, 2010

- (a) **Exact Title and Number of Project (must be obtained from Treasurer's Office):** Rwy 1 RSA Wetland Mitigation Site Monitoring H 309 9550 280
- (b) **Is this a Capital Project?** YES
- (c) **Is this a Capital Reserve Project?** NO
- (d) **Amount of Project:** \$34,391
- (e) **Source of Funding (including name & title of codes, etc.):** 95% FAA Federal Grant -\$32,672; 2.5% NYS-DOT Grant - \$860; 2.5% County Funding - \$860 - Short Term Borrowing, Subject to Recommendation of Treasurer.
- (f) **Purpose of Establishment:** - To provide 4 year wetland site monitoring services, as required, on a parcel of improved wetlands in the W/W IDA.

RESOLUTION REQUEST FORM NO. 8

Request to Establish Capital Project or Capital Reserve Project*

****If this is the result of a grant award, also complete and submit Form No. 5 or 6***

DEPARTMENT NAME: DPW-Airport

DATE: March 15, 2010

- (a) Exact Title and Number of Project (must be obtained from Treasurer's Office): PAPI Installation Rwy 12-30 Design - H 311 9550 280
- (b) Is this a Capital Project? YES
- (c) Is this a Capital Reserve Project? NO
- (d) Amount of Project: \$28,000
- (e) Source of Funding (including name & title of codes, etc.): =95% FAA Federal Grant -\$26,600; 2.5% NYS-DOT Grant - \$700; 2.5% County Funding - \$700 - Short Term Borrowing, Subject to Recommendation of Treasurer.
- (f) Purpose of Establishment: - To design the installation of PAPI's for Rwy 12/30.

EXECUTIVE SUMMARY

Floyd Bennett Memorial Airport, owned and operated by Warren County, is a public-use general aviation facility that serves the aviation needs of Warren County and the surrounding areas. The Airport accommodates recreational, private, and corporate aviation. The Airport serves as home to several airport tenants including a Fixed Base Operator (FBO), Rich Air, which provides aviation support services including aircraft charter, aircraft management, ground support equipment, tie-downs, hangar space, service, and aircraft fueling.

The Airport Master Plan was finalized by C&S Engineers, Inc. in 2009 and determined the extent, type, and schedule of development needed to accommodate existing and future aviation demand at the Airport. The Master Plan demonstrated that Runway 1-19, with an existing length of 5,000 feet, is inadequate and needs to be extended by 1,000 feet to accommodate existing and future aviation activity. Based on the conclusions of the Master Plan, the County believes additional runway length is justified and needed immediately.

In order for the runway extension project to proceed, an Environmental Assessment is required to consider the possible impacts of the project. As part of the Environmental Assessment, a purpose and need statement was completed to establish what the project is trying to accomplish and why it is necessary. The purpose and need of the project is to (1) provide adequate runway length to accommodate the critical design aircraft and (2) comply with FAA Design Standards for the critical design aircraft.

Before determining the ultimate runway length, the critical aircraft must be established. The critical aircraft is defined by the FAA as the most demanding aircraft that performs or is projected to perform at least 250 annual departures (or 500 annual operations) at the facility. Based on discussions with the FBO, jet fuel sale records, and data from FlightAware.com, no single aircraft individually meets the FAA criteria of 500 annual operations. As a result, the critical aircraft is represented by a family of aircraft, the top five business jets operating at the Airport – Beechjet 400, Challenger 300, Citation V, Citation Excel, and Hawker 800. This group of aircraft represents an Airport Reference Code (ARC) of B-I and B-II aircraft which have an approach speed of 91 knots or more but less than 121 knots and wingspans up to but not including 79 feet.

Runway length requirements for the critical aircraft family were then calculated by using three methods – FAA Advisory Circular 150/5325-4B, FAA Airport Design for Microcomputers Program, and aircraft flight data manuals. These methods showed deficiencies of 30 feet to over 2,500 feet under varying weather conditions. The aircraft flight data manuals were considered the most reliable and the most representative of the needs at the Airport. The largest deficiency calculated from the manuals was 1,033 feet for the Hawker 800 under wet runway conditions. Because of this, 1,000 feet was determined to be an appropriate runway extension.

Due to the inadequate runway length, several operational restrictions affect the Airport. Based on information provided by the FBO, flights are diverted to Albany due to inadequate runway length, which affects their business and finances. The FBO also noted that 60 percent of jet

operations do not purchase fuel due to load restrictions and runway length. The pilot of the Hawker 800 based at the Airport cannot takeoff fully loaded which affects his long distance flights causing him to stop at another airport to refuel before continuing to the destination.

In summary, a runway extension of 1,000 feet is beneficial to the Airport. Benefits include the following:

- The longer runway will be able to safely accommodate the current critical aircraft family.
- Diverted flights will decrease because the new runway length will be able to accommodate landing aircraft.
- More aircraft will be able to takeoff fully loaded with fuel which will allow them to make more direct trips without intermediate stops along the way.

DRAFT

The Post-Star

Air service files suit over accident at Saratoga County airport

By DREW KERR, dkerr@poststar.com | Posted: Tuesday, March 9, 2010 4:19 pm

BALLSTON SPA -- A lawsuit that stems from a 2008 accident at the Saratoga County Airport has been filed against the county and the airport operator.

The suit, filed late last month in Saratoga County Court, contends the county and the airport operator, North American Flight Services, failed to properly clear an approach area leading to a runway at the Milton facility.

On July 13, 2008, a pilot for Jet Plaid LLC hit trees while landing at the airport.

Though no one was hurt, and the plane landed safely, the plane's engine was filled with tree debris, causing around \$509,000 in damages, according to the lawsuit.

Attorneys for Allianz Global Risks U.S. Insurance, which insured Jet Plaid, said the company also lost business and revenue as a result of the accident.

The insurer is seeking \$2 million in damages and is arguing that the county and airport operator failed to properly clear trees that violated the limits set for the approach area by the Federal Aviation Administration.

The hazards, lawyers said in the lawsuit, were well known to the county and its operators and should have been addressed long before the accident occurred.

"The tree that impacted the aircraft did not spring up overnight and would have required years of growth to encroach upon the approach path," the lawsuit states.

Fred Alimonti, a licensed pilot who is representing Allianz in the suit, said from his offices in White Plains on Tuesday that he could offer few words on the case.

"All I can say is that the aircraft was significantly damaged, and we're just delighted that no one got hurt," he said.

Dave Toney, the business manager at North American Flight Services, said he could not comment on the case.

Outside lawyers had meanwhile been hired to defend the county against the lawsuit.

The county's legal expenses, as well as any damages that might be awarded through a settlement or trial, will be paid for by the county's insurer, County Attorney Mark Rider said.

County officials have meanwhile been working to remove a number of trees that reach into the airport's approach path, as designated by the FAA.

Several trees have already been removed, but the county is still negotiating with one homeowner who maintains the county is offering too little for an easement it's seeking to remove a tree in the homeowner's back yard.

Warren and Marie Kolodziejewski have been offered as much as \$40,000 in exchange for the tree.

Certain night and instrument landings have been put on hold at the airport until the tree comes down.

County supervisors recently voted to move ahead with an eminent domain case that will help determine the value of the easement needed to take down the tree, located at 8 Wyndham Way in Milton.

But no eminent domain lawsuit has been filed, and negotiations continue, Rider said.

REFERRALS - APRIL 2010

AIRPORT:

- 1) Committee authorized legal action to determine the validity of easement on the Chartrand parcel. Mr. DeGraw is working with the County Attorney's Office on this issue. (03.02.10)
- 2) Committee tabled discussion regarding the acquisition of an avigation easement from Forest Enterprises pending Mr. Dusek's discussions with the property owner and disclosure of options available to the County. (03.02.10)
- 3) The Airport portion of the May Committee meeting is to be scheduled at the Airport to allow the new Supervisors to tour the facility. (03.02.10)

EAA Northeast 2010 Fly-in

Saturday and Sunday – June 12 & 13

Our purpose for this Fly-in weekend is to promote aviation. We support the airport, the introduction of young people into aviation, the aviation community and the joy of flying.

The main focus of the weekend is to fly young eagles. This is an EAA event where volunteers fly youth 8 through 17 years old for free. Between 60 and 75 youth will be flown each day.

Many antique, experimental and ultralight aircraft will be on display. We will be encouraging pilots from the surrounding area to fly their planes in for display.

Military aircraft, state aircraft and balloons have been requested for display.

A local radio control club will have a static display of planes.

Booths will be setup to promote the Experimental Aircraft Association, the Glens Falls Pilots and Owners Association and the local Flight School.

Aviation movies will be shown in the firehouse.

Entertainment will be provided by local musicians.

A barbeque will be provided for club members and volunteers at 4:00 PM

Food for the public (hamburgers, hot dogs, chips and drinks) will be provided by Mr Bill's Carhop.

Porta Johns will be provided by EAA Chapter 353.

If any members of this committee or the Warren County Board of Supervisors would like to learn more about aviation or receive a plane ride around this area please join us at the fly-in.

Contact

William Scheidegger
President EAA Chapter 353
Phone 796-9860