

**County Facilities Committee - Airport**  
**Department of Public Works**  
**AGENDA**  
**June 27, 2016 – 9:00am**

Committee Members: *GIRARD, Wood, Beaty, Braymer, Conover, Leggett, MacDonald, Montesi, Seeber, Simpson, Strough*

- I. **Committee Meeting Call To Order**..... Chairman Girard
- II. **Motion to Approve Minutes of Prior Committee Meeting**..... Chairman Girard
- III. **Action Agenda/New Business**  
Page
  - 2 New Contract – Award fuel farm upgrade construction phase..... Ross Dubarry  
Rationale: Bids were received and low bid is within project budget
  - 7 Misc – Set public hearing for 2 new hangars..... Ross Dubarry  
Rationale: Schermerhorn Aviation has proposed 2 new jet hangars
- IV. **Referral/Pending Items**  
Committee to discuss re-introducing Airport Marketing Advisory Committee. (01.26.16) Update:  
Supervisor Seeber to meet with Bill Mason regarding the Airport Marketing Advisory Committee and  
report back to the Committee. (03.23.16)
- V. **Information for Discussion/Review**  
Page
  - 8 Jet hangar 5 & 6 apron hangar paving
  - 9 SEQRA Lead Agency RWY 1 Ext
- VI. **Privilege of the Floor to discuss any additional items to come before the Committee**
- VII. **Motion to Adjourn**

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Attachments

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## **RESOLUTION REQUEST FORM NO. 3**

### ***Request for New Contract***

**DEPARTMENT NAME:** DWP - Airport

**DATE:** 6/27/2016

- (a) Is this a Result of a Bid or Request for Proposal? **Yes - WC-40-16**
- (b) Purpose of Contract: **Construction of airport fuel farm upgrades to include new aviation fuel storage tanks and pumping and electrical system; new wireless airport security camera system**
- (c) Name of Contractor: **Arrow Contracting Inc.**
- (d) Address of Contractor: **5550 Route 96, Farmington, NY 14425**
- (e) Contractor's Contact Person and Telephone Number: **Dana Davis (585) 924-1570**
- (f) Has or will the Contract be provided, if so, please attach: **Will be provided**
- (g) Commencement Date of Contract: **TBD**
- (h) Termination Date of Contract: **when complete**
- (i) Payment Provisions: i) lump sum amount **\$525,637.94**  
ii) hourly rate amount  
iii) total amount not to exceed  
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, Object Code, Full Title\* and Amount: **OR Capital Project OR Capital Reserve Project Number, Title, and Amount: **H359 Airport Upgrade Fuel Farm - 90% NYSDOT: 10% County****

Sample: A.1010 470 Legislative Board – Contract \$xx.xx  
Capital Project No. H289.9550 480 – Old Jail Renovations \$xx.xx

\*as listed in budget and LOGOS

# WARREN COUNTY DEPARTMENT OF PUBLIC WORKS

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## MAIN OFFICES

4028 Main Street  
Warrensburg, N.Y. 12885  
Tel (518) 623-4141  
(518) 761-6556  
Fax (518) 623-2772



**JEFFERY E. TENNYSON, P.E.**  
Superintendent of Public Works

**KEVIN J. HAJOS, P.E.**  
Deputy Superintendent of Public Works

## DIVISIONS

Airport  
Sewer Administration  
Parks & Recreation  
Recycling  
Highway & Traffic  
Engineering  
Buildings & Grounds

June 23, 2016

New York State Department of Transportation  
Aviation Bureau  
50 Wolf Road, POD 54  
Albany, New York 12232

Attn: Mr. Bill Meyer

**RE: Floyd Bennett Memorial Airport  
Aviation Fueling System Improvements (Construction)  
NYSDOT P.I.N. 1903.93**

Dear Mr. Meyer:

Three bids for the above referenced project was received on June 13, 2016, with the low bid submitted by Arrow Contracting, Inc., 5550 Route 96, Farmington, New York 14425. Arrow Contracting's bid was as follows:

Base Bid	\$525,637.94
Deduct Alt No. 1	\$ 2,190.00
Deduct Alt. No. 2	\$ 7,700.00

The certified bid tab is attached and has been reviewed and found to be in order. Note that when we entered the bid numbers into the bid tab spreadsheet, we identified a totaling error of approximately \$5,000. We discussed this with the contractor, and they agreed to accept the lower amount of \$525,637.94 as their bid. In addition, please find attached a copy of the sign-in sheet from the pre-bid conference held on Thursday, May 26<sup>th</sup>, 2016 at the Floyd Bennett Memorial Airport. Several prospective bidders attended the pre-bid.

The base bid from Arrow Contracting, Inc. is below the engineer's estimate for the project, and is within the grant budget parameter of \$545,000 for construction costs. We do not wish to exercise the Deduct Bid Alternates, as the base bid is below the grant budget amount. This contractor has been found to be a responsive and responsible bidder.

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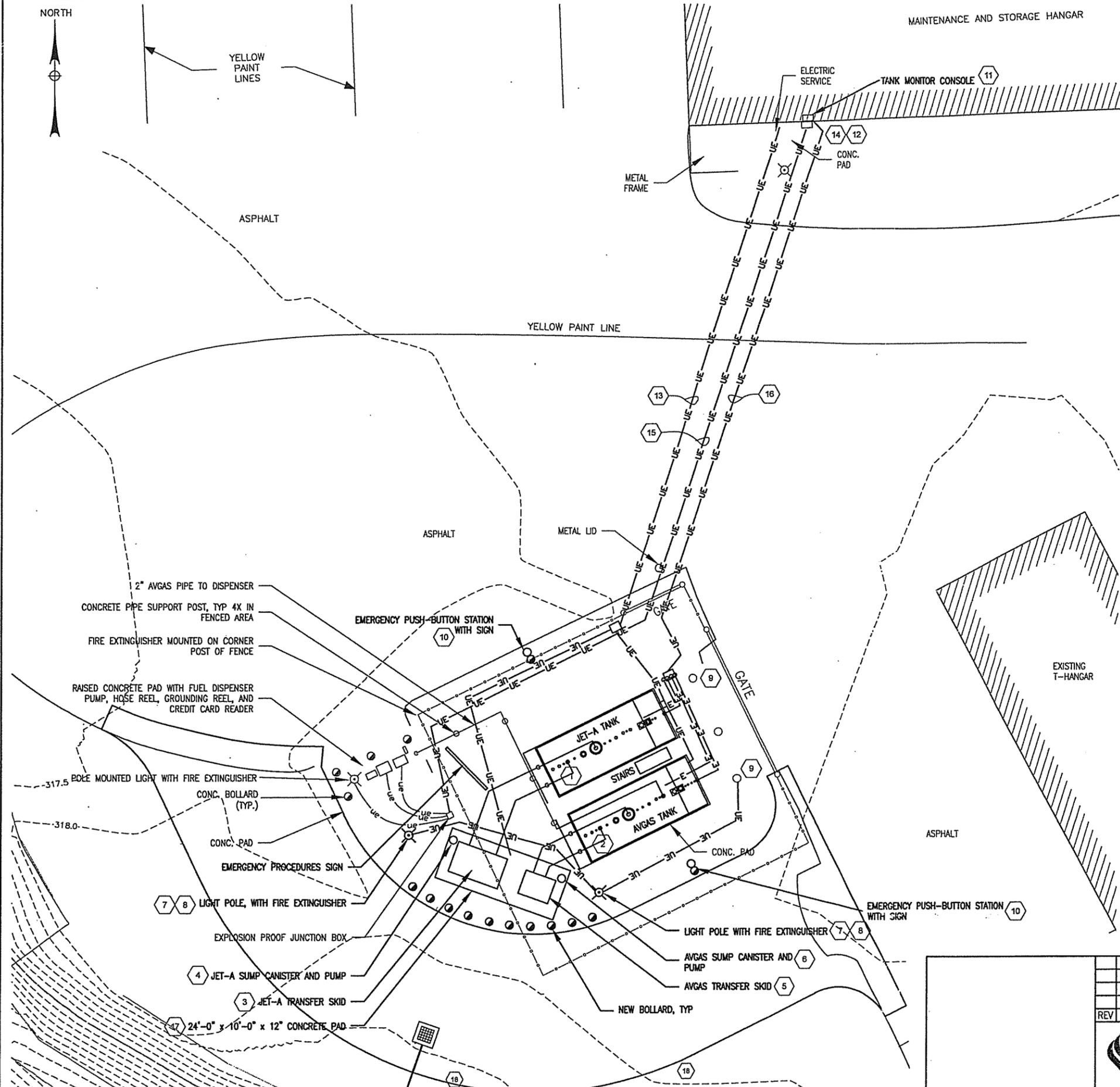
Based on the contractor's qualifications, and experience on similar projects, we are requesting NYSDOT concurrence of award of the construction contract to Arrow Contracting, Inc. for the Base Bid in the amount of \$525,637.94.

Should you have any questions, or require any additional information, please do not hesitate to contact Michael Churchill, P.E. of McFarland Johnson, Inc. at (518) 580-9380 x363 or [mchurchill@mjinc.com](mailto:mchurchill@mjinc.com).

Sincerely,



Ross Dubarry  
Airport Manager



### INSTALLATION NOTES

- 1 PROVIDE 12,000 GALLON JET-A STORAGE TANK WITH INTERCONNECTING PIPING BETWEEN TANK AND TRANSFER SKID. SEE DETAIL 1/FS-3 FOR TYPICAL TANK ACCESSORIES. SEE SIGNAGE DETAILS ON DRAWINGS FS-4.
- 2 PROVIDE 12,000 GALLON AVGAS STORAGE TANK WITH INTERCONNECTING PIPING BETWEEN TANK AND TRANSFER SKID. TANK SHALL ALSO INCLUDE SUBMERSIBLE PUMP AND PIPING TO REMOTE DISPENSER. SEE DETAIL 1/FS-3 FOR TYPICAL TANK ACCESSORIES. SEE SIGNAGE DETAILS ON DRAWINGS FS-4.
- 3 PROVIDE JET-A TRANSFER SKID. SEE SYSTEM SCHEMATIC IN DETAIL 1/FS-3.
- 4 REINSTALL JET-A FUEL RECOVERY CANISTER AND PUMP. CONNECT 1/2" DISCHARGE PIPING, WITH CHECK VALVE, TO RETURN PIPING BACK TO TANK.
- 5 PROVIDE AVGAS TRANSFER SKID. SEE SYSTEM SCHEMATIC IN DETAIL 2/FS-3.
- 6 REINSTALL AVGAS FUEL RECOVERY CANISTER AND PUMP. EXTEND CONNECT 1/2" DISCHARGE PIPING, WITH CHECK VALVE, TO RETURN PIPING BACK TO TANK.
- 7 PROVIDE NEW LED LIGHT & POLE. EXTEND CIRCUIT FROM EXISTING LIGHT POLES.
- 8 MOUNT 20# FIRE EXTINGUISHER ON NEW LIGHT POLE.
- 9 EXISTING LIGHT POLE TO REMAIN.
- 10 PROVIDE (2)-EMERGENCY PUSH BUTTON KILL SWITCHES: ONE FOR AVGAS SELF-SERVE EQUIPMENT AND ONE FOR FUEL TANK FARM EQUIPMENT. SEE DETAILS 2/FS-4 AND 7/FS-4 FOR MOUNTING HEIGHT AND SIGNAGE REQUIREMENTS.
- 11 PROVIDE TANK LEVEL MONITORING CONSOLE IN HANGAR. SEE DETAIL 6/FS-3.
- 12 PROVIDE A 100A, 120/208V, 3-PHASE, 4-WIRE POWER PANEL TO REPLACE EXISTING FUEL TANK FARM POWER PANEL. PROVIDE CIRCUIT BREAKERS AND BRANCH CIRCUITS AS SHOWN ON ONE-LINE DIAGRAM.
- 13 PROVIDE (3)-2" RGS CONDUIT FOR NEW FUEL FACILITY CIRCUITS, AS SHOWN ON THE ONE-LINE DIAGRAM, FOR JET-A, AVGAS, CONTROL, AND EQUIPMENT CIRCUITS. CONDUITS SHALL RUN FROM POWER PANEL TO NEW EXPLOSION PROOF ENCLOSURE ADJACENT TO FUELING FACILITY. PROVIDE SEAL-OFFS IN CONDUITS AS REQUIRED PER NFPA FOR INSTALLATION IN HAZARDOUS LOCATIONS.
- 14 PROVIDE (4)-NEMA2, 3-POLE STARTERS IN CONTROL CABINET FOR JET-A AND AVGAS PUMP CONTROL. PROVIDE (2)-10HP, 3-POLE CONTACTORS FOR JET-A AND AVGAS EMERGENCY STOP CONTROL AND (2)-10HP, 3-POLE CONTACTORS FOR PUMPING OPERATIONS. COIL VOLTAGE FOR EACH STARTER AND CONTACTOR SHALL BE 120V.
- 15 PROVIDE (1)-2" RGS CONDUIT TO RE-FEED EXISTING EXPLOSION PROOF JUNCTION BOX. CONDUCTOR SIZING PER ONE-LINE DIAGRAM. EXISTING CONDUITS AND CONDUCTORS FROM JUNCTION BOX TO DISPENSING ISLAND TO BE RECONNECTED.
- 16 PROVIDE (1)-1" RGS CONDUIT FROM TANK MONITORING PANEL TO EXPLOSION PROOF JUNCTION BOX AT EDGE OF EXISTING PAD. FOR TANK LEVEL MONITORING AND INTERSTITIAL MONITORING. EXTEND SENSORS TO PROBES ON RESPECTIVE TANKS. SEE DETAIL 3 ON FS-2.
- 17 SEE CONCRETE PAD DETAILS 1/FS-4 AND 2/FS-4.
- 18 PROVIDE A BOLLARD WITH ENGINE BLOCK HEATER RECEPTACLE MOUNTED TO IT. RECEPTACLE SHALL BE INSTALLED WITH A WEATHERPROOF WHILE-IN-USE COVER.

### DESIGN BASIS SPECS.

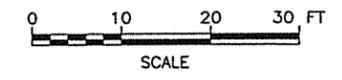
TANK: DOUBLE WALL STEEL TANK, INSULATED, UL 2085 LISTED PROTECTED TANK WITH 20% OVERFILL CHAMBER. DESIGN BASIS: HIGHLAND FIREGUARD-OP, 12,000 GALLONS.

PIPE: TYPE 304L STAINLESS STEEL SCHEDULE 10. WELDED.

TRANSFER SKIDS:  
AVGAS: SEE SCHEMATIC 2/FS-3. DESIGN BASIS MILLENNIUM SYSTEMS INTERNATIONAL, MODULAR AIRCRAFT REFUELING SYSTEM, PUMP AND FILTRATION (PFT) MODULE AND TANKER LOADING (TLO) MODULE.

JET-A: SEE SCHEMATIC 1/FS-3. DESIGN BASIS MILLENNIUM SYSTEMS INTERNATIONAL, MODULAR AIRCRAFT REFUELING SYSTEM, PUMP AND FILTRATION (PFT) MODULE AND TANKER LOADING (TLO) MODULE.

TANK MONITOR CONSOLE:  
DESIGN BASIS: VEEDER ROOT TLS 350 PLUS WITH RESPECTIVE PROBES/SENSORS FOR EACH TANK (INTERSTITIAL AND TANK LEVEL MONITORING).



**95% DESIGN PLANS**

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECT DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

**FLOYD BENNETT MEMORIAL AIRPORT  
WARREN COUNTY, NEW YORK  
FUEL FARM IMPROVEMENTS**

**FUEL SYSTEMS PLAN - INSTALLATION**

REV	DATE	DESCRIPTION	BY

**McFarland Johnson**  
60 RAILROAD PLACE, SUITE 402  
SARATOGA SPRINGS, NY 12866

SCALE: AS SHOWN	DESIGN: MLC	<b>FS-2</b> 12 OF 15
DRAWN: MTF	PROJECT: 17984.01	
CHECKED: MLC	DATE: FEBRUARY 2016	

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Item No.	Description	Estimated Quantity	Unit of Measure	ENGINEER'S ESTIMATE		American Petroleum Equipment & Construction Company, Inc. *		American Environmental Assessment Corp.		Arrow Contracting Inc.	
				Unit Price	Total Value	Unit Price	Total Value	Unit Price	Total Value	Unit Price	Total Value
<b>BASE BID</b>											
S-699	MOBILIZATION (4% MAXIMUM)	1	LS	\$21,544.00	\$21,544.00		\$25,703.00	\$ 28,775.00	\$28,775.00	\$ 21,067.00	\$21,067.00
203.02	UNCLASSIFIED EXCAVATION	276	CY	\$30.00	\$8,280.00		\$9,863.00	\$ 61.00	\$16,836.00	\$ 15.91	\$4,391.16
207.21	GEOTEXTILE SEPARATION	549	SY	\$10.00	\$5,490.00		\$1,248.00	\$ 8.30	\$4,556.70	\$ 2.52	\$1,383.48
209.13	SILT FENCE	220	LF	\$5.00	\$1,100.00		\$1,340.00	\$ 9.20	\$2,024.00	\$ 5.87	\$1,291.40
304.14	NYSDOT SUBBASE TYPE 4	195	CY	\$52.00	\$10,140.00		\$8,358.00	\$ 124.50	\$24,277.50	\$ 38.89	\$7,583.55
402.097202	TYPE 3 BINDER COURSE	86	TON	\$150.00	\$12,900.00		\$10,306.00	\$ 157.30	\$13,527.80	\$ 89.63	\$7,708.18
402.377902	TYPE 7F SURFACE COURSE	64.5	TON	\$150.00	\$9,675.00		\$8,340.00	\$ 152.30	\$9,823.35	\$ 113.46	\$7,318.17
407.0102	BITUMINOUS TACK COAT	86	GAL	\$7.00	\$602.00		\$1,156.00	\$ 17.30	\$1,487.80	\$ 10.35	\$890.10
603.98010602	6" HDPE DRAINAGE PIPE	29	LF	\$15.00	\$435.00		\$1,719.00	\$ 72.30	\$2,096.70	\$ 43.10	\$1,249.90
604.310711	NYSDOT TYPE G DRAINAGE STRUCTURE AND OIL STOP VALVE	1	EA	\$21,000.00	\$21,000.00		\$20,611.00	\$ 19,800.00	\$19,800.00	\$ 4,162.00	\$4,162.00
655.1111	WELDED FRAME & RETICULINE GRATE 11	1	EA	\$500.00	\$500.00		\$1,096.00	\$ 1,550.00	\$1,550.00	\$ 970.00	\$970.00
T-100-5.1	FUEL TANKS, PUMPS, CONTROLS & MONITORING SYSTEM	1	LS	\$430,400.00	\$430,400.00		\$528,701.00	\$ 734,150.00	\$734,150.00	\$ 406,283.00	\$406,283.00
L-130-5.1	VIDEO SURVEILLANCE SYSTEM	1	LS	\$39,800.00	\$39,800.00		\$51,793.00	\$ 32,000.00	\$32,000.00	\$ 42,390.00	\$42,390.00
T-050-5.1	CLEAN AND DISPOSE OF PETROLEUM STORAGE TANKS	1	EA	\$15,000.00	\$15,000.00		\$22,129.00	\$ 45,595.00	\$45,595.00	\$ 18,950.00	\$18,950.00
<b>TOTAL BASE BID</b>					<b>\$576,866.00</b>		<b>\$692,363.00</b>		<b>\$936,499.85</b>		<b>\$525,637.94</b>
<b>DEDUCT ALTERNATIVES</b>											
T-050-5.2	CLEANING OF PETROLEUM STORAGE TANK - DISPOSAL BY OTHERS	1	EA	(\$5,000.00)	(\$5,000.00)	(\$15,000.00)	(\$15,000.00)	(\$29,000.00)	(\$29,000.00)	(\$2,190.00)	(\$2,190.00)
T-100-5.2	REDUCE AVGAS TANK SIZE TO 10,000 GALLONS	1	EA	(\$5,000.00)	(\$5,000.00)	(\$7,800.00)	(\$7,800.00)	(\$6,500.00)	(\$6,500.00)	(\$7,700.00)	(\$7,700.00)
<b>TOTAL DEDUCT ALTERNATIVES</b>					<b>(\$10,000.00)</b>		<b>(\$22,800.00)</b>		<b>(\$35,500.00)</b>		<b>(\$9,890.00)</b>

*Michael L Churchill*  
 Michael Churchill, Sr. Project Manager - Aviation

No unit prices provided  
 Contractor's total on bid tabs was incorrect.  
 (\$530,638.42 vs. calculated \$535,637.94)

This is to certify that this document represents the bid received on June 13, 2016 and that we have reviewed the bid tab

**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 Division**

**DATE: 6/27/2016**

- (a) Purpose of Request: **To set a Public Hearing date for 2 new airport leases.**
- (b) Details: **Schermerhorn Aviation, LLC has proposed constructing, maintenance and use/sublease and/or rental of two new 12,000 square foot aircraft hangars, both located on County property at the Floyd D. Bennett Memorial Airport. The proposed lease agreement will be prepared by the County Attorney and presented at the proposed July 15, 2016 Public Hearing Date.**
- (c) Previous Resolution Number:
- (d) Where are the Funds (if required)? List Budget Code, Object Code, Full Title\* and Amount: **N/A**

**Sample: A.8021 470 Planning & Community Development – Contract**

\* as listed in budget and LOGOS



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**Full Environmental Assessment Form  
Part 1 - Project and Setting**

**Instructions for Completing Part 1**

**Part 1 is to be completed by the applicant or project sponsor.** Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

**A. Project and Sponsor Information.**

Name of Action or Project: Floyd Bennett Memorial Airport Runway 1-19 Extension		
Project Location (describe, and attach a general location map): Floyd Bennett Memorial Airport, Warren County, Queensbury, New York		
Brief Description of Proposed Action (include purpose or need): Floyd Bennett Airport, located in Queensbury, New York lies approximately three miles northeast of Glens Falls. The purpose of this project is to provide adequate runway length to accommodate the family of critical design airplanes/aircraft currently operating at the airport and those anticipated to operate at the airport in the next five years while ensuring requisite runway safety areas. The proposed extension of Runway 1-19 from 5,000 feet to 6,000 feet is needed to provide the necessary length to operate the existing and anticipated jet aircraft without imposing weight restrictions or requiring an intermediate fuel stop when flying to medium or long haul destinations. The proposed project involves a 1,000 foot extension to Runway 1-19 to provide a total length of 6,000 feet, constructing a parallel taxiway extension; excavating/grading 66.7 acres of land to construct the runway/taxiway extension, remove 10.6 acres of terrain penetrations, relocated lighting and navigational aids, and construct a maintenance road; removing 23 acres of trees that are RESS obstructions (five acres on airport property, 18 acres off airport property within limits of existing aviation easement); redesign and publication of new approach procedures to the Runway 1 end (½-mile visibility minimum); and Pen and Ink change to ALP drawing to incorporate approximately 97.5 acres of county owned-land to airport owned-land.		
Name of Applicant/Sponsor: County of Warren		Telephone: 518-761-6556 E-Mail:
Address: 4028 Main ST		
City/PO: Warrensburg	State: NY	Zip Code: 12845
Project Contact (if not same as sponsor; give name and title/role): Ross Dubarry		Telephone: 518-792-5995 E-Mail: rdubarry@warrencountydpw.com
Address: 443 Queensbury Avenue, Room 201		
City/PO: Queensbury	State: NY	Zip Code: 12804
Property Owner (if not same as sponsor):		Telephone: E-Mail:
Address:		
City/PO:	State:	Zip Code:

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**B. Government Approvals**

<b>B. Government Approvals, Funding, or Sponsorship.</b> ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
<b>Government Entity</b>	<b>If Yes: Identify Agency and Approval(s) Required</b>	<b>Application Date (Actual or projected)</b>
a. City Council, Town Board, <input type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village <input type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission		
c. City Council, Town or <input type="checkbox"/> Yes <input type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSDEC Article 24 Permit/SPDES Permit/401 Water Quality Certification - NYSDOT funding 5%	To be determined
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	USACE permit FAA funding 90%	To be determined
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

**C. Planning and Zoning**

<b>C.1. Planning and zoning actions.</b>	
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> <li>• If Yes, complete sections C, F and G.</li> <li>• If No, proceed to question C.2 and complete all remaining sections and questions in Part 1</li> </ul>	
<b>C.2. Adopted land use plans.</b>	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes, identify the plan(s):	
_____	
_____	
_____	
c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes, identify the plan(s):	
_____	
_____	
_____	

**C.3. Zoning**

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance.  Yes  No  
 If Yes, what is the zoning classification(s) including any applicable overlay district?  
 Commercial Light Industrial (CLI) and Land Conservation

b. Is the use permitted or allowed by a special or conditional use permit?  Yes  No

c. Is a zoning change requested as part of the proposed action?  Yes  No  
 If Yes,  
 i. What is the proposed new zoning for the site? \_\_\_\_\_

**C.4. Existing community services.**

a. In what school district is the project site located? Queensbury School District

b. What police or other public protection forces serve the project site?  
Warren County Sheriff, New York State Police

c. Which fire protection and emergency medical services serve the project site?  
Queensbury Central Volunteer Fire Department

d. What parks serve the project site?  
None

**D. Project Details**

**D.1. Proposed and Potential Development**

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Commercial

b. a. Total acreage of the site of the proposed action? 143 acres  
 b. Total acreage to be physically disturbed? 92 acres  
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 754.5 acres

c. Is the proposed action an expansion of an existing project or use?  Yes  No  
 i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % 20 Units: 2.2 acres

d. Is the proposed action a subdivision, or does it include a subdivision?  Yes  No  
 If Yes,  
 i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)  
 \_\_\_\_\_  
 ii. Is a cluster/conservation layout proposed?  Yes  No  
 iii. Number of lots proposed? \_\_\_\_\_  
 iv. Minimum and maximum proposed lot sizes? Minimum \_\_\_\_\_ Maximum \_\_\_\_\_

e. Will proposed action be constructed in multiple phases?  Yes  No  
 i. If No, anticipated period of construction: \_\_\_\_\_ months  
 ii. If Yes:  
 • Total number of phases anticipated 2  
 • Anticipated commencement date of phase 1 (including demolition) May month 2018 year  
 • Anticipated completion date of final phase Aug month 2019 year  
 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: \_\_\_\_\_  
project is being split due to funding restrictions

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f. Does the project include new residential uses?  Yes  No  
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)?  Yes  No  
 If Yes,

i. Total number of structures 2  
 ii. Dimensions (in feet) of largest proposed structure: 8 height; 10 width; and 12 length  
 iii. Approximate extent of building space to be heated or cooled: 120 each bldg. square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?  Yes  No  
 If Yes,

i. Purpose of the impoundment: \_\_\_\_\_  
 ii. If a water impoundment, the principal source of the water:  Ground water  Surface water streams  Other specify: \_\_\_\_\_  
 iii. If other than water, identify the type of impounded/contained liquids and their source. \_\_\_\_\_  
 iv. Approximate size of the proposed impoundment. Volume: \_\_\_\_\_ million gallons; surface area: \_\_\_\_\_ acres  
 v. Dimensions of the proposed dam or impounding structure: \_\_\_\_\_ height; \_\_\_\_\_ length  
 vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): \_\_\_\_\_

**D.2. Project Operations**

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both?  Yes  No  
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)  
 If Yes:

i. What is the purpose of the excavation or dredging? Construct runway/taxiway extension, remove obstructions, relocate NAVAIDS  
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?  
 • Volume (specify tons or cubic yards): TBD  
 • Over what duration of time? 6 months  
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.  
Soil, rock and woody vegetation. Materials will be disposed of off-site at location determined by contractor.  
 iv. Will there be onsite dewatering or processing of excavated materials?  Yes  No  
 If yes, describe. standing water will be drained to facilitate embankment construction  
 v. What is the total area to be dredged or excavated? \_\_\_\_\_ TBD acres  
 vi. What is the maximum area to be worked at any one time? \_\_\_\_\_ 66.7 acres  
 vii. What would be the maximum depth of excavation or dredging? \_\_\_\_\_ TBD feet  
 viii. Will the excavation require blasting?  Yes  No  
 ix. Summarize site reclamation goals and plan: \_\_\_\_\_  
During construction a soil erosion control plan will be in place, temporary and permanent soil erosion control methods will be used, and area will be stabilized upon completion of the project

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area?  Yes  No  
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): Palustrine emergent (PEM), NYSDEC Freshwater Wetlands HF-3

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:  
 Filling 10.57 acres of federal wetlands and waterways, 3.4 acres of vegetation removal  
 Filling 9.17 acres of state wetlands and waterways, 3.4 acres of vegetation removal  
 Filling 12.2 acres of state wetland buffer areas, 1.6 acres of vegetation removal

iii. Will proposed action cause or result in disturbance to bottom sediments?  Yes  No  
 If Yes, describe: \_\_\_\_\_

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation?  Yes  No  
 If Yes:  
 • acres of aquatic vegetation proposed to be removed: 10.57 permanent loss, 3.4 temporary loss  
 • expected acreage of aquatic vegetation remaining after project completion: 23.82 acres within project limits, 782 acres adjacent  
 • purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): extend runway/taxiway, remove terrain obstruction, comply with federal grading standards  
 • proposed method of plant removal: filling to allow placement of runway/taxiway extension  
 • if chemical/herbicide treatment will be used, specify product(s): \_\_\_\_\_

v. Describe any proposed reclamation/mitigation following disturbance: wetland enhancement, preservation, and restoration/or creation at 1.5:1 ratio for 13.76 acres of PEM proposed for mitigation

c. Will the proposed action use, or create a new demand for water?  Yes  No  
 If Yes:  
 i. Total anticipated water usage/demand per day: \_\_\_\_\_ gallons/day  
 ii. Will the proposed action obtain water from an existing public water supply?  Yes  No  
 If Yes:  
 • Name of district or service area: \_\_\_\_\_  
 • Does the existing public water supply have capacity to serve the proposal?  Yes  No  
 • Is the project site in the existing district?  Yes  No  
 • Is expansion of the district needed?  Yes  No  
 • Do existing lines serve the project site?  Yes  No  
 iii. Will line extension within an existing district be necessary to supply the project?  Yes  No  
 If Yes:  
 • Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_  
 • Source(s) of supply for the district: \_\_\_\_\_  
 iv. Is a new water supply district or service area proposed to be formed to serve the project site?  Yes  No  
 If, Yes:  
 • Applicant/sponsor for new district: \_\_\_\_\_  
 • Date application submitted or anticipated: \_\_\_\_\_  
 • Proposed source(s) of supply for new district: \_\_\_\_\_  
 v. If a public water supply will not be used, describe plans to provide water supply for the project: \_\_\_\_\_  
 vi. If water supply will be from wells (public or private), maximum pumping capacity: \_\_\_\_\_ gallons/minute.

d. Will the proposed action generate liquid wastes?  Yes  No  
 If Yes:  
 i. Total anticipated liquid waste generation per day: \_\_\_\_\_ gallons/day  
 ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): \_\_\_\_\_

iii. Will the proposed action use any existing public wastewater treatment facilities?  Yes  No  
 If Yes:  
 • Name of wastewater treatment plant to be used: \_\_\_\_\_  
 • Name of district: \_\_\_\_\_  
 • Does the existing wastewater treatment plant have capacity to serve the project?  Yes  No  
 • Is the project site in the existing district?  Yes  No  
 • Is expansion of the district needed?  Yes  No

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- Do existing sewer lines serve the project site?  Yes  No
- Will line extension within an existing district be necessary to serve the project?  Yes  No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?  Yes  No

If Yes:

- Applicant/sponsor for new district: \_\_\_\_\_
- Date application submitted or anticipated: \_\_\_\_\_
- What is the receiving water for the wastewater discharge? \_\_\_\_\_

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

\_\_\_\_\_

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: \_\_\_\_\_

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction?  Yes  No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

\_\_\_\_\_ Square feet or 2.2 acres (impervious surface)  
 \_\_\_\_\_ Square feet or 628 acres (parcel size)

ii. Describe types of new point sources. Construction site considered point source under NPDES permit.

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

on-site management of stormwater runoff, overall drainage patterns will be maintained, Stormwater Pollution Prevention Plan will be prepared

- If to surface waters, identify receiving water bodies or wetlands: \_\_\_\_\_

- Will stormwater runoff flow to adjacent properties?  Yes  No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?  Yes  No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations?  Yes  No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

Dozer, dump truck, roller, excavator, tractors/loader/backhoe, etc.

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit?  Yes  No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year)  Yes  No

ii. In addition to emissions as calculated in the application, the project will generate:

- \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)
- \_\_\_\_\_ Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)
- \_\_\_\_\_ Tons/year (short tons) of Perfluorocarbons (PFCs)
- \_\_\_\_\_ Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)
- \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (HFCs)
- \_\_\_\_\_ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?  Yes  No

If Yes:  
i. Estimate methane generation in tons/year (metric): \_\_\_\_\_  
ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): \_\_\_\_\_

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?  Yes  No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): \_\_\_\_\_

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?  Yes  No

If Yes:  
i. When is the peak traffic expected (Check all that apply):  Morning  Evening  Weekend  
 Randomly between hours of \_\_\_\_\_ to \_\_\_\_\_.  
ii. For commercial activities only, projected number of semi-trailer truck trips/day: \_\_\_\_\_  
iii. Parking spaces: Existing \_\_\_\_\_ Proposed \_\_\_\_\_ Net increase/decrease \_\_\_\_\_  
iv. Does the proposed action include any shared use parking?  Yes  No  
v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: \_\_\_\_\_

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site?  Yes  No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?  Yes  No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?  Yes  No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?  Yes  No

If Yes:  
i. Estimate annual electricity demand during operation of the proposed action: \_\_\_\_\_  
minor, will increase electricity related to new runway and taxiway edge lights, pilot activated so only goes on when pilot landing an aircraft  
ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): \_\_\_\_\_

National Grid  
iii. Will the proposed action require a new, or an upgrade to, an existing substation?  Yes  No

l. Hours of operation. Answer all items which apply.

- |   |   |
|---|---|
| <p>i. During Construction:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: <u>7:00 AM-7:00 PM</u></li> <li>• Saturday: _____</li> <li>• Sunday: _____</li> <li>• Holidays: _____</li> </ul> | <p>ii. During Operations:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: <u>8:00 AM -6:00 PM</u></li> <li>• Saturday: <u>8:00 AM -6:00 PM</u></li> <li>• Sunday: <u>8:00 AM -6:00 PM</u></li> <li>• Holidays: <u>8:00 AM -6:00 PM</u></li> </ul> |
|---|---|

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m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?  Yes  No  
 If yes:  
 i. Provide details including sources, time of day and duration:  
 Construction equipment operation during grading and obstruction removal activities will create slight temporary noise increase contained within airport property during the six month construction period. Construction will be limited to daytime hours (7 am - 7 pm) and all engines will have proper mufflers.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen?  Yes  No  
 Describe: 10.6 acres of terrain and 18 acres of trees will be removed that could be a noise barrier or screen between residential homes along Queensbury Ave. and the Walmart Supercenter

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n. Will the proposed action have outdoor lighting?  Yes  No  
 If yes:  
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:  
 Runway/taxiway edge lighting, ground based, 14 inches high, white/blue, omnidirectional, 150W/45W. MALSR pole mounted, white/green sequenced flashing system, 120 - 300W. All lighting pilot activated, nearest residence located 1,000 feet away, vegetated screens between lights and residences.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen?  Yes  No  
 Describe: 10.6 acres of terrain and 18 acres of trees will be removed that could be a light barrier or screen between residential homes along Queensbury Ave. and the Walmart Supercenter

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o. Does the proposed action have the potential to produce odors for more than one hour per day?  Yes  No  
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:  
 \_\_\_\_\_  
 \_\_\_\_\_

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p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage?  Yes  No  
 If Yes:  
 i. Product(s) to be stored \_\_\_\_\_  
 ii. Volume(s) \_\_\_\_\_ per unit time \_\_\_\_\_ (e.g., month, year)  
 iii. Generally describe proposed storage facilities: \_\_\_\_\_

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q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?  Yes  No  
 If Yes:  
 i. Describe proposed treatment(s):  
 herbicides will be used on cut stumps to avoid stump sprouting  
 \_\_\_\_\_  
 \_\_\_\_\_

ii. Will the proposed action use Integrated Pest Management Practices?  Yes  No

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r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?  Yes  No  
 If Yes:  
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:  
 • Construction: \_\_\_\_\_ TBD tons per \_\_\_\_\_ (unit of time)  
 • Operation : \_\_\_\_\_ 0 tons per \_\_\_\_\_ 0 (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:  
 • Construction: trees and stumps, excavated soils and dirt, and miscellaneous construction materials will be removed. Soil erosion and sediment control plan will be used  
 \_\_\_\_\_  
 • Operation: none  
 \_\_\_\_\_

iii. Proposed disposal methods/facilities for solid waste generated on-site:  
 • Construction: Disposed of off-site determined by contractor consistent with federal, state and local regulations  
 \_\_\_\_\_  
 • Operation: none  
 \_\_\_\_\_

s. Does the proposed action include construction or modification of a solid waste management facility?  Yes  No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): \_\_\_\_\_

ii. Anticipated rate of disposal/processing:

- \_\_\_\_\_ Tons/month, if transfer or other non-combustion/thermal treatment, or
- \_\_\_\_\_ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: \_\_\_\_\_ years

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t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste?  Yes  No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: \_\_\_\_\_

ii. Generally describe processes or activities involving hazardous wastes or constituents: \_\_\_\_\_

iii. Specify amount to be handled or generated \_\_\_\_\_ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: \_\_\_\_\_

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?  Yes  No

If Yes: provide name and location of facility: \_\_\_\_\_

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: \_\_\_\_\_

**E. Site and Setting of Proposed Action**

**E.1. Land uses on and surrounding the project site**

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

Urban  Industrial  Commercial  Residential (suburban)  Rural (non-farm)

Forest  Agriculture  Aquatic  Other (specify): Floyd Bennett Memorial Airport, Open Space

ii. If mix of uses, generally describe: \_\_\_\_\_

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b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	4.2	6.4	+2.2
• Forested	23	0	-23
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	70	108.37	+38.37
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.4	0.23	-0.17
• Wetlands (freshwater or tidal)	34.4	24	-10.4
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: <u>Shrubland</u>	10	3	-7

c. Is the project site presently used by members of the community for public recreation?  Yes  No  
 i. If Yes: explain: \_\_\_\_\_

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d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site?  Yes  No  
 If Yes,  
 i. Identify Facilities: \_\_\_\_\_  
 \_\_\_\_\_

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e. Does the project site contain an existing dam?  Yes  No  
 If Yes:  
 i. Dimensions of the dam and impoundment:  
 • Dam height: \_\_\_\_\_ feet  
 • Dam length: \_\_\_\_\_ feet  
 • Surface area: \_\_\_\_\_ acres  
 • Volume impounded: \_\_\_\_\_ gallons OR acre-feet  
 ii. Dam's existing hazard classification: \_\_\_\_\_  
 iii. Provide date and summarize results of last inspection: \_\_\_\_\_  
 \_\_\_\_\_

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f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?  Yes  No  
 If Yes:  
 i. Has the facility been formally closed?  Yes  No  
 • If yes, cite sources/documentation: \_\_\_\_\_  
 ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: \_\_\_\_\_  
 \_\_\_\_\_  
 iii. Describe any development constraints due to the prior solid waste activities: \_\_\_\_\_  
 \_\_\_\_\_

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g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste?  Yes  No  
 If Yes:  
 i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: \_\_\_\_\_  
 \_\_\_\_\_

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h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site?  Yes  No  
 If Yes:  
 i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:  Yes  No  
 Yes – Spills Incidents database Provide DEC ID number(s): 9909195, 1410242, 9310964  
 Yes – Environmental Site Remediation database Provide DEC ID number(s): \_\_\_\_\_  
 Neither database  
 ii. If site has been subject of RCRA corrective activities, describe control measures: \_\_\_\_\_  
 \_\_\_\_\_  
 iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?  Yes  No  
 If yes, provide DEC ID number(s): \_\_\_\_\_  
 iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):  
 spill #9909195 closed 10-28-1999. spill #1410242 closed 4-29-2015. spill #9310964 closed 7-16-1998  
 \_\_\_\_\_

v. Is the project site subject to an institutional control limiting property uses?  Yes  No

- If yes, DEC site ID number: \_\_\_\_\_
- Describe the type of institutional control (e.g., deed restriction or easement): \_\_\_\_\_
- Describe any use limitations: \_\_\_\_\_
- Describe any engineering controls: \_\_\_\_\_
- Will the project affect the institutional or engineering controls in place?  Yes  No
- Explain: \_\_\_\_\_

**E.2. Natural Resources On or Near Project Site**

a. What is the average depth to bedrock on the project site? \_\_\_\_\_ >3 feet

b. Are there bedrock outcroppings on the project site?  Yes  No  
 If Yes, what proportion of the site is comprised of bedrock outcroppings? \_\_\_\_\_ %

c. Predominant soil type(s) present on project site:

Farminston Loam	_____	33.2 %
Madalin Silt Loam	_____	22.7 %
Rhinebeck Silt Loam	_____	14.5 %

d. What is the average depth to the water table on the project site? Average: \_\_\_\_\_ ~6 feet

e. Drainage status of project site soils:

<input checked="" type="checkbox"/> Well Drained:	_____	20 % of site
<input checked="" type="checkbox"/> Moderately Well Drained:	_____	30 % of site
<input checked="" type="checkbox"/> Poorly Drained	_____	50 % of site

f. Approximate proportion of proposed action site with slopes:

<input checked="" type="checkbox"/> 0-10%:	_____	20 % of site
<input checked="" type="checkbox"/> 10-15%:	_____	70 % of site
<input checked="" type="checkbox"/> 15% or greater:	_____	10 % of site

g. Are there any unique geologic features on the project site?  Yes  No  
 If Yes, describe: \_\_\_\_\_

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?  Yes  No

ii. Do any wetlands or other waterbodies adjoin the project site?  Yes  No  
 If Yes to either i or ii, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?  Yes  No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

• Streams:	Name	941-385	Classification	C
• Lakes or Ponds:	Name	_____	Classification	_____
• Wetlands:	Name	Federal and NYSDEC	Approximate Size	Federal 34.39 acres, NYSDEC 31.30 acres
• Wetland No. (if regulate	HF-3			

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies?  Yes  No  
 If yes, name of impaired water body/bodies and basis for listing as impaired: \_\_\_\_\_

i. Is the project site in a designated Floodway?  Yes  No

j. Is the project site in the 100 year Floodplain?  Yes  No

k. Is the project site in the 500 year Floodplain?  Yes  No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?  Yes  No  
 If Yes:  
 i. Name of aquifer: Principal Aquifer

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m. Identify the predominant wildlife species that occupy or use the project site:

Deer	Birds	_____
Rabbits	_____	_____
Squirrels	_____	_____

n. Does the project site contain a designated significant natural community?  Yes  No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): Marl Fen strongly minerotrophic wetland, dominated by graminoids, state ranking of S1 (typically 5 or fewer occurrences)

ii. Source(s) of description or evaluation: NYNHP

iii. Extent of community/habitat:

- Currently: 0.98 acres
- Following completion of project as proposed: 0.9 acres
- Gain or loss (indicate + or -): -0.08 acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species?  Yes  No

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?  Yes  No

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?  Yes  No

If yes, give a brief description of how the proposed action may affect that use: \_\_\_\_\_

**E.3. Designated Public Resources On or Near Project Site**

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?  Yes  No

If Yes, provide county plus district name/number: \_\_\_\_\_

b. Are agricultural lands consisting of highly productive soils present?  Yes  No

i. If Yes: acreage(s) on project site? \_\_\_\_\_

ii. Source(s) of soil rating(s): \_\_\_\_\_

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark?  Yes  No

If Yes:

i. Nature of the natural landmark:  Biological Community  Geological Feature

ii. Provide brief description of landmark, including values behind designation and approximate size/extent: \_\_\_\_\_

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area?  Yes  No

If Yes:

i. CEA name: Marl Fen CEA

ii. Basis for designation: unique characteristics

iii. Designating agency and date: Town of Queensbury, November 2, 2015

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?  Yes  No

If Yes:

i. Nature of historic/archaeological resource:  Archaeological Site  Historic Building or District

ii. Name: \_\_\_\_\_

iii. Brief description of attributes on which listing is based: \_\_\_\_\_

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f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?  Yes  No

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g. Have additional archaeological or historic site(s) or resources been identified on the project site?  Yes  No

If Yes:

i. Describe possible resource(s): \_\_\_\_\_

ii. Basis for identification: \_\_\_\_\_

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h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?  Yes  No

If Yes:

i. Identify resource: Adirondack Park , Lakes to Locks Scenic Byway

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): State Park, Scenic Byway

iii. Distance between project and resource: 3.4 , 2.1 miles.

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i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?  Yes  No

If Yes:

i. Identify the name of the river and its designation: \_\_\_\_\_

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?  Yes  No

**F. Additional Information**

Attach any additional information which may be needed to clarify your project.

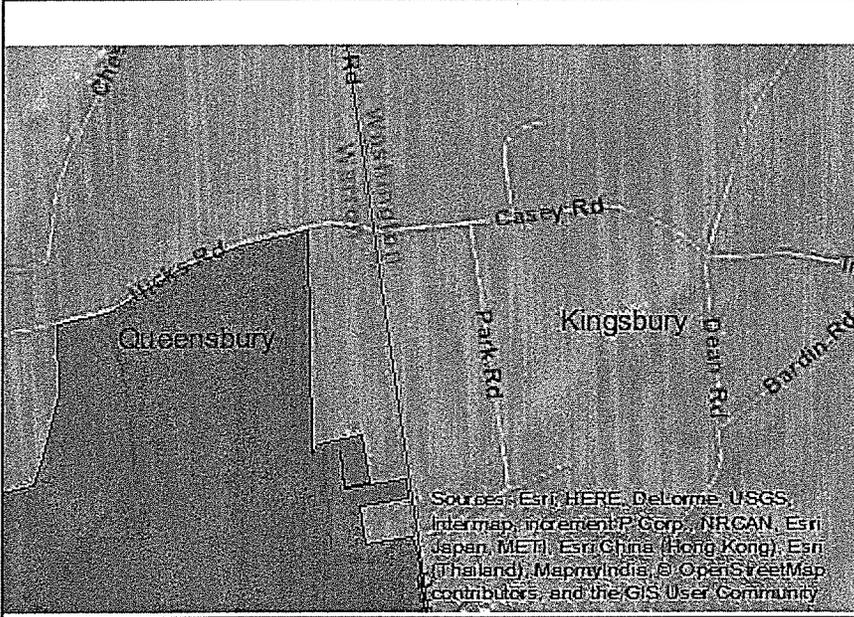
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

**G. Verification**

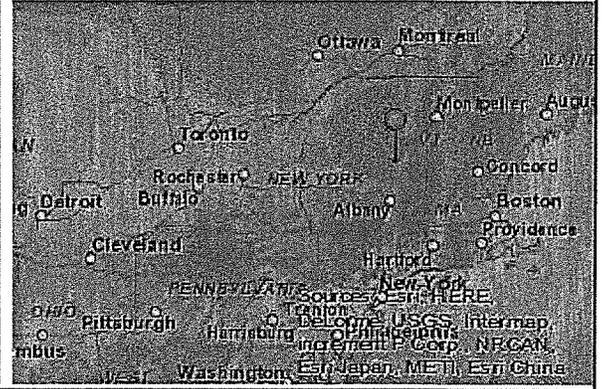
I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name \_\_\_\_\_ Date \_\_\_\_\_

Signature \_\_\_\_\_ Title \_\_\_\_\_



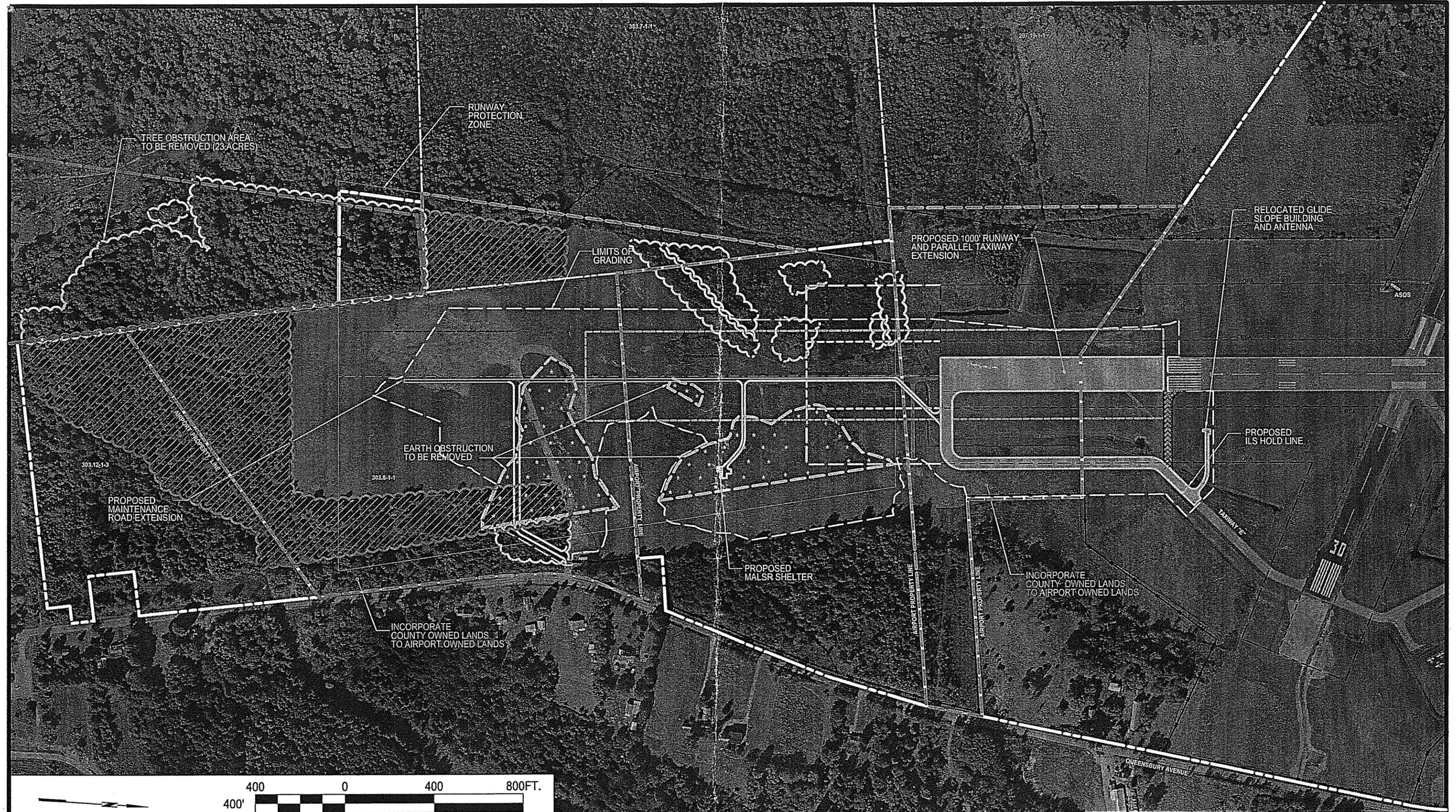
**Disclaimer:** The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	941-385
E.2.h.iv [Surface Water Features - Stream Classification]	C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):777.5, NYS Wetland (in acres):123.5
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	HF-3, HF-8
E.2.h.v [Impaired Water Bodies]	No

E.2.i. [Floodway]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.j. [100 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.k. [500 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	Yes
E.2.n.i [Natural Communities - Name]	Marl Fen
E.2.n.i [Natural Communities - Acres]	0.96
E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National Register of Historic Places]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

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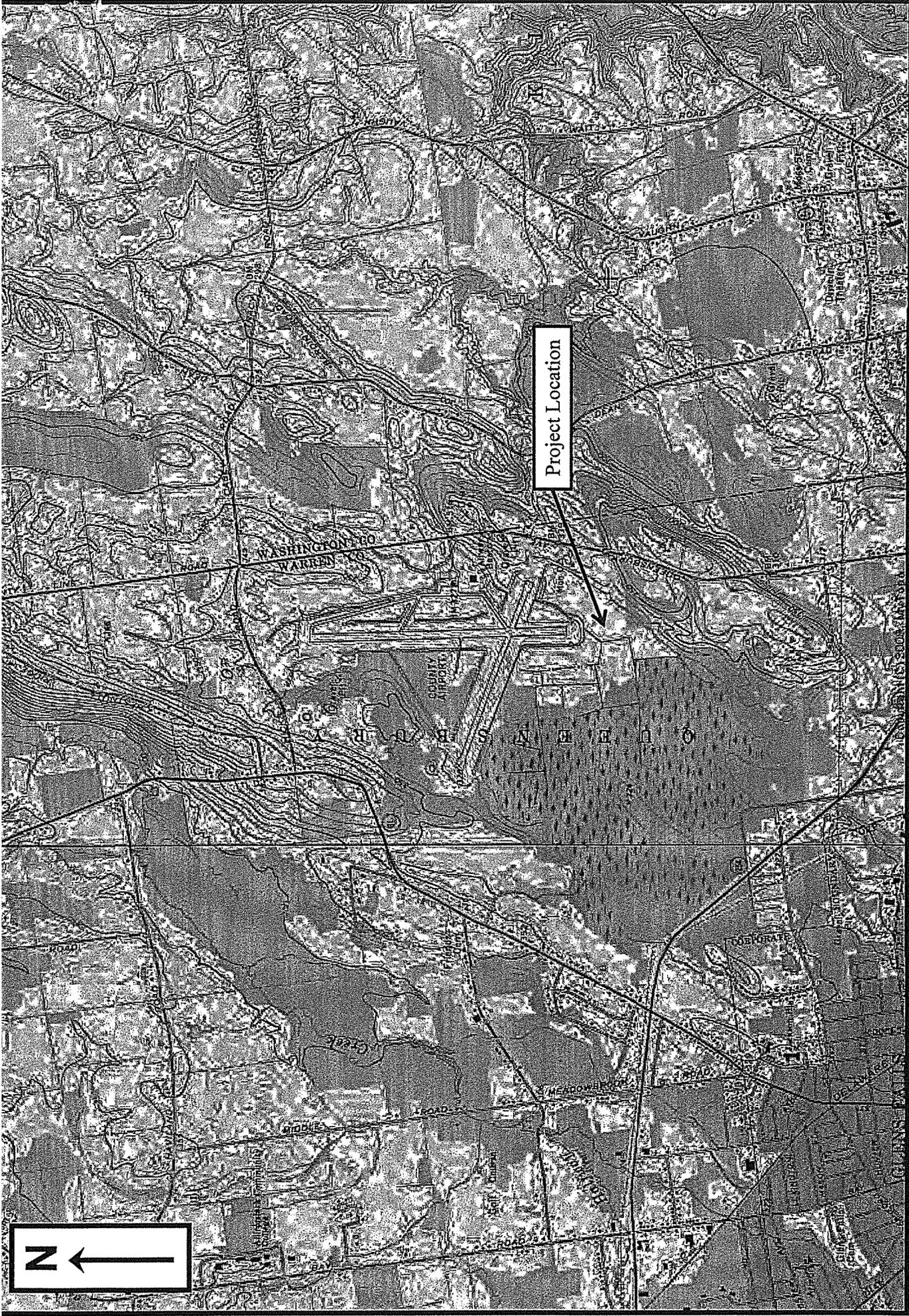


Legend

			Proposed Property Acquisition (Fee Simple)		Existing Runway 1 End Obstructions Removed In 2013-2014 with Prior Environmental Approvals		Existing Airport Property Line
			Tree Obstructions To Be Removed		Easement Acquisition Area with Prior Environmental Approval		Parcel lines
			Proposed Property Acquisition (Easement)				Existing Fence Line
							Runway Object Free Area (ROFA)
							Runway Safety Area (RSA)
							Pavement To Be Removed

Floyd Bennett Memorial Airport  
 Proposed Project  
 1,000 Foot Extension to  
 Runway 1 End/  
 East Side Relocation of  
 Glide Slope Antenna

Figure 1-3



Project Location

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# Figure 1 - Location Map

Warren County – Floyd Bennett Memorial Airport  
 Environmental Assessment  
 Runway 1-19 Extension and Obstruction Removal  
 Glens Falls, Warren County, New York



Source: USGS Topographic Maps  
 Hudson Falls USGS Quadrangles

**Consultant Selection Scoresheet**

**Warren County Project** WC45-16 **Date** 6/27/2016  
**Project Name** Post Implementation Review of an Energy Performance Contract  
**Project Location** Warren County Municipal Center  
**Consulting Firm** The Daylight Savings Company

**Selection Criteria**

**A. Summary of Similar Work Experience (Max. 30 point)**  
How many other Energy Audits/Retro-Commissioning Studies Completed

**B. Personnel and Qualifications (Max. 25 points)**  
Skills, training & experience of people designated for project work

**C. Project Approach (Max. 25 points)**  
Details of plans, procedures and time frames to complete the work

**D. Cost (Max. 20 points)**

**Consultant Selection Score Summary Sheet**

6/27/2016

**Project Name** WC45-16  
**Project Location** Warren County Municipal Center

	<b>Summary of Similar Work (30 Max.)</b>	<b>Personnel and Qualifications (25 Max.)</b>	<b>Project Approach (25 Max.)</b>	<b>Cost (20 Max.)</b>	<b>Total Score (100 Max.)</b>
The Daylight Savings Company					
Facility Strategies Group					
Cx Associates					
Eisenbach & Ruhnke Engineering					
Building Energy Solutions					
Steven Winter Associates					
Bergmann Associates					
CJ Brown Energy					
Taitem Engineering					
Horizon Engineering Associates					
Daniel Karpen					
L&S Energy Services					
Smith Engineering					
Mondre Energy					

Evaluations Completed By:  
Title:

Signatures \_\_\_\_\_