

County Facilities Committee - Airport
Department of Public Works
AGENDA
April 28, 2015 – 10:00am

Committee Members: *GIRARD, Wood, Conover, Monroe, Seeber, Strough, Westcott*

- 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 C&S RWY 1 Ext. EA Phase III(a)..... Ross Dubarry
Rationale: Contract to perform time sensitive tasks for next phase of project
- IV. **Referral/Pending Items**
- None
- V. **Information for Discussion/Review**
Page
- Soil contamination update at new airport restaurant site
- Natural Gas Service Request
- Next Committee Meeting Location at Airport

- VI. **Privilege of the Floor to discuss any additional items to come before the Committee**
- VII. **Motion to Adjourn**

Attachments
- None

2

RESOLUTION REQUEST FORM NO. 3

Request for New Contract

DEPARTMENT NAME: DPW - Airport Division

DATE: 4/28/2015

- (a) Is this a Result of a Bid or Request for Proposal? **No**
- (b) Purpose of Contract: **RWY 1 Extension EA Phase III**
- (c) Name of Contractor: **C&S Companies**
- (d) Address of Contractor: **499 Col. Eileen Collins Blvd., Syracuse, NY 13212**
- (e) Contractor's Contact Person and Telephone Number: **Chris Brubach, P.E.**
- (f) Has or will the Contract be provided, if so, please attach: **Will be provided**
- (g) Commencement Date of Contract: **When executed**
- (h) Termination Date of Contract: **When complete**
- (i) Payment Provisions:
 - i) lump sum amount **\$31,075**
 - 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. **progress payments**)
- (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: **H303.9550 280 Environmental Assessment/Preliminary Engineering Runway 1 Extension Project - \$31,075****

**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

Time Sensitive Tasks for Floyd Bennett EA Phase III

Wetlands	\$20,275.00
Timeframe: spring – early fall	
Includes wetland delineation, a single delineation report, and one site visit with regulatory agencies to confirm the delineated boundaries and jurisdictional statuses of the wetlands	
Marl Fen	\$4,000.00
Timeframe: June	
C&S portion includes marl fen delineation, download of gps field points, and completion of field data sheets	
NYNHP portion includes site visit to assist in marl fen delineation and confirm delineated boundaries	
Rare Plants	\$1,800.00
Timeframe: May and June	
NYNHP to survey for small white ladyslipper and elk sedge in and around existing marl fen patches	
Northern Long-Eared Bats	\$5,000.00
Timeframe: Mid-May to Mid-August	
Includes coordination with USFWS for sign off on locations to set up monitors and conducting survey	
TOTAL	\$31,075.00

4

SCHEDULE A-1

SCOPE OF WORK

Project Name: Environmental Assessment and Preliminary Engineering
for Runway 1-19 Extension – Phase III
Airport Name: Floyd Bennett Memorial Airport
Services Provided: Field Surveys

OVERVIEW OF SERVICES:

C&S Engineers, Inc. (CONSULTANT) will provide the required professional services to conduct field surveys for the Phase III Environmental Assessment for the Runway 1-19 Extension at Floyd Bennett Memorial Airport, owned by Warren County, New York (SPONSOR).

DESCRIPTION OF PROPOSED PROJECT:

The field surveys include a marl fen delineation, acoustic survey for northern long-eared bats, a rare plant survey, and updated wetlands delineation. All of these surveys are time sensitive ranging from mid-May to early fall. If the surveys are not conducted in 2015 the Phase III Environmental Assessment will be put on hold for a year. In an effort to continue moving the project forward, the seasonal field survey work is being done ahead of the remaining Phase III EA tasks. Schedule A-1 contains the field survey scope of services while Schedule A-2 contains the remaining tasks including completion of the Final EA, and Preliminary Design, Permitting, and Mitigation.

ADMINISTRATION PHASE

- Development of all contracts (prime and sub consultant)

COORDINATION

This task involves coordination with subconsultants (SBOs) to schedule field surveys.

ENVIRONMENTAL CONSEQUENCES – SPECIFIC IMPACT CATEGORIES

Fish, Wildlife, and Plants

MARL FEN

Based on communications with the NYSDEC and NY Natural Heritage Program (NYNHP) a marl fen delineation will be required. C&S Engineers, Inc. will conduct the marl fen delineation, download the gps field points and complete the field data sheets.

NYNHP will assist C&S Engineers, Inc. with the following tasks:

- Sample a releve plot in each of the two marl fen patches that were previously documented in November 2014.
- Search for additional patches of marl fen between the two existing patches in the area that was flooded in November 2014.
- Search for additional patches of marl fen in areas west of the two existing patches that have similar signature on digital aerial imagery.
- Sample releve plots or detailed observation points in all new patches of marl fen found as time allows.
- Assist C&S wetland biologist with wetland delineation of all marl fen patches using GPS.

5

- Submit copies of all field forms (pdf); digital photographs of field surveys; copies of updated Element Occurrence Records (pdfs); GIS data layers including GPS points and community polygons related to surveys; and a summary memo with survey findings to the County, NYSDEC, and C&S Engineers, Inc.

NORTHERN LONG-EARED BATS

Based on a telephone call with Robyn Niver, USFWS, on February 4, 2015, an acoustic survey for northern long-eared bats is included as part of this scope since the bat will be listed as a threatened species effective May 4, 2015. Note, this scope contains the field survey work only.

RARE PLANTS

Based on an email received from the NYNHP dated 1/30/15, there are two rare plants that may be located in the vicinity of the marl fen areas (Small White Lady'slipper (*Cypripedium candidum* G4 S1 E) and Elk Sedge (*Carex garberi* G5 S1 E). As a result, two NYNHP botanists will survey for these rare plants on two separate days (e.g., one day in May and one day in June), and survey for rare plants in the areas west of the existing marl fen patches as time allows (e.g., including the northern white cedar swamp). This task also includes submitting copies of all field forms (pdf); digital photographs of field surveys; copies of updated Element Occurrence Records (pdfs); GIS data layers including GPS points and community polygons related to surveys; and a summary memo with survey findings to the County, NYSDEC, and C&S Engineers, Inc.

WETLANDS

Based on a telephone call with Brad Sherwood, ACOE, on February 9, 2015, an updated wetland delineation will be required to comply with the ACOE Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region dated January 2012. The original wetlands delineation took place in 2009 prior to the Regional Supplement.

McFarland Johnson, Inc. will re-delineate the wetlands within the project study area (PSA) in accordance with United States Army Corps of Engineers (USACE) requirements, including the 1987 *Corps of Engineers Wetland Delineation Manual* (1987 USACE Manual) and *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region* (Regional Supplement), dated January 2012. In the vicinity of those areas where New York State Department of Environmental Conservation (NYSDEC) Freshwater Wetlands are mapped, the 1995 *New York State Freshwater Wetlands Delineation Manual* (1995 NYSDEC Manual) will also be consulted. The project study area (PSA) is limited to the RW-1 Approach End as outlined on Figure 2-4, Alternative 4 1,000 Foot Extension to Runway 1 End/ Relocation of Glide Slope Antenna. The PSA is estimated to be approximately 130 acres. Prepare one wetland delineation report based on the results of the field delineation. The wetland delineation report will include a detailed functions and services evaluation of the delineated wetlands. Provide one (1) site visit with regulatory agencies to confirm delineated boundaries and jurisdictional status of delineated wetlands.

ASSUMPTIONS MADE BY CONSULTANT AND AGREED TO BY THE SPONSOR:

- Preparation of the Final EA and Preliminary Design, Permitting, and Mitigation (Schedule A-2) will follow completion of the field surveys. Work associated with Schedule A-2 shall not commence without written approval from the SPONSOR.
- It is assumed that a Phase 2 survey for state threatened and endangered species (T&E) surveys will not be needed. It is also assumed that a biological assessment will not be needed for the Indiana bat or northern long-eared bat. If it is determined that further state T&E species surveys or a biological assessment are required, then the SPONSOR may enter into a supplemental agreement authorizing CONSULTANT to perform the necessary additional services.

END OF SECTION

6



ARCHITECTURAL/ENGINEERING
COST SUMMARY
SCHEDULE "B-1"
PLANNING PHASE

PROJECT NAME: ENVIRONMENTAL ASSESSMENT FOR RUNWAY 1-19 EXTENSION - PHASE III
PROJ DESCRIPTION: PLANNING, DESIGN TO 30%, PERMITTING, AND MITIGATION
ADVANCE TASKS ONLY: FIELD WORK, TIME SENSITIVE
CLIENT: WARREN COUNTY
CLIENT MANAGER: ROSS DUBARRY

DATE: 24-Apr-15
A/E: C & S ENGINEERS, INC.
PROJECT NO: 107
C&S CONTACT: CHRIS BRUBACH

I. ESTIMATE OF DIRECT SALARY COSTS:		MAXIMUM	AVERAGE		ESTIMATED		ESTIMATED
TITLE		RATE OF PAY	RATE OF PAY	@	HOURS		COST
		(\$/HR)	(\$/HR)				
A.	SERVICE GROUP MANAGER	\$78.90	\$68.30	X	0	=	\$0.00
B.	DEPARTMENT MANAGER	\$75.70	\$59.50	X	0	=	\$0.00
C.	MANAGING ENGINEER	\$68.60	\$51.60	X	0	=	\$0.00
D.	CHIEF/PRINCIPAL ENGINEER	\$58.40	\$55.50	X	0	=	\$0.00
E.	SENIOR PROJECT ENGINEER	\$46.90	\$42.40	X	0	=	\$0.00
F.	PROJECT ENGINEER / ENV SCIENTIST	\$42.10	\$32.70	X	0	=	\$0.00
G.	ENGINEER	\$37.50	\$28.60	X	0	=	\$0.00
H.	STAFF ENGINEER	\$29.80	\$27.20	X	0	=	\$0.00
I.	SENIOR DESIGNER	\$38.70	\$31.70	X	0	=	\$0.00
J.	DESIGNER	\$33.10	\$25.70	X	0	=	\$0.00
K.	CADD OPERATOR	\$24.20	\$21.90	X	0	=	\$0.00
L.	ADMINISTRATIVE ASSISTANT	\$25.40	\$21.60	X	0	=	\$0.00
M.	GRANTS PROGRAM MANAGER	\$46.00	\$43.90	X	0	=	\$0.00
N.	GRANTS ADMINISTRATOR	\$38.70	\$36.80	X	0	=	\$0.00
O.	ASSISTANT GRANTS ADMINISTRATOR	\$25.20	\$24.50	X	0	=	\$0.00
P.	MANAGING PLANNER	\$58.70	\$51.20	X	0	=	\$0.00
Q.	SENIOR PROJECT PLANNER	\$40.80	\$39.70	X	15	=	\$595.50
R.	PLANNER	\$32.00	\$30.10	X	0	=	\$0.00
S.	STAFF PLANNER	\$29.80	\$27.20	X	0	=	\$0.00
T.	SENIOR/MANAGING ARCHITECT	\$52.60	\$48.70	X	0	=	\$0.00
U.	PROJECT ARCHITECT	\$42.10	\$32.70	X	0	=	\$0.00
V.	GEOLOGIST	\$29.30	\$28.60	X	0	=	\$0.00
W.	ENVIRONMENTAL SCIENTIST	\$45.90	\$33.50	X	16	=	\$536.00
X.	SENIOR CONSTRUCTION SUPERVISOR	\$66.70	\$65.00	X	0	=	\$0.00
Y.	CONSTRUCTION SUPERVISOR	\$47.60	\$45.30	X	0	=	\$0.00
Z.	RESIDENT ENGINEER	\$47.00	\$45.80	X	0	=	\$0.00
AA.	CHIEF INSPECTOR	\$40.60	\$37.80	X	0	=	\$0.00
BB.	SENIOR INSPECTOR	\$32.00	\$31.20	X	0	=	\$0.00
CC.	INSPECTOR	\$24.90	\$24.20	X	0	=	\$0.00
DD.	JUNIOR INSPECTOR	\$21.80	\$20.80	X	0	=	\$0.00
EE.	SENIOR TECHNICAL ADMINISTRATOR	\$32.60	\$31.30	X	0	=	\$0.00
FF.	SENIOR GIS ANALYST	\$28.20	\$27.50	X	0	=	\$0.00
GG.	PROJECT LANDSCAPE ARCHITECT	\$35.00	\$34.10	X	0	=	\$0.00
TOTAL ESTIMATED DIRECT SALARY COST:							\$1,131.50

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

171.00%

\$1,934.87

7

III. SUBTOTAL OF ITEMS I & II:

\$3,066.37

IV. ESTIMATE OF DIRECT EXPENSES:

A.	TRAVEL, BY AUTO:							
		1	TRIPS @	340	MILES/TRIP @	\$0.575	=	\$195.50
B.	PER DIEM:							
		1	DAYS @	1	PERSONS @	\$225.00	=	\$225.00
C.	MISCELLANEOUS:						=	<u>\$78.35</u>

TOTAL ESTIMATE OF DIRECT EXPENSES:

\$498.85

V. FIXED FEE (PROFIT, LUMP SUM):

A.	LABOR PLUS OVERHEAD:			15%	(OF III.)	\$459.95
B.	DIRECT EXPENSES:			15%	(OF IV.)	<u>\$74.83</u>

TOTAL FIXED FEE:

\$534.78

VI. SUBCONTRACTS:

A.	ACOUSTIC SURVEY	\$3,200.00
B.	WETLANDS DELINEATION	\$20,275.00
C.	NYNHP MARL FEN / T&E SPECIES SURVEYS	<u>\$3,500.00</u>

TOTAL SBO FEE:

\$26,975.00

VII. TOTALS:

A.	MAXIMUM TOTAL COST FOR DESIGN SERVICES, AGREEMENT TOTAL & FAA ELIGIBLE:	<u><u>\$31,075.00</u></u>
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