

**County Facilities Committee - Airport**  
**Department of Public Works**  
**AGENDA**  
**January 23, 2018 – 12:00pm**

Committee Members: *DIAMOND, Beaty, Leggett, Loeb, Geraghty, Strough, Simpson, Frasier, Wild, McDevitt, Sokol*

**I. Committee Meeting Call To Order..... Chairman Diamond**

**II. Motion to Approve Minutes of Prior Committee Meeting..... Chairman Diamond**

**III. Action Agenda/New Business**

Page

- 1 New Contract – C&S Airfield Signs/Pavement/Markings.....Jeffery Tennyson  
Rationale – Construction Administration and Inspection Services
- 8 New Contract – Baseline King Airfield Signs/Pavement/Markings.....Jeffery Tennyson  
Rationale – Replace failing airport access control system and improve security
- 13 Inc Cap Project – Arrow Construction H359 Fuel Farm Upgrades..... Jeffery Tennyson  
Rationale – Increase costs for field changes to add safety bollards and adjust quantities of civil site work.

**IV. Referral/Pending Items**

1) Committee to revisit Proposal from Rich Air for construction of additional T-hangars. (02.28.17) Update: The Committee authorized the County Attorney to commence negotiations with Rich Air relative to the ground lease rate and terms for the T-Hangars proposed. (05.01.17) Update: Discussions between the County Attorney and Rich Air are on-going regarding ground lease rate for additional t-hangar construction. (05.23.17) Mr. Dubarry informed he was waiting to hear from the State regarding the grant for the T-hangers, as the grant application had been sent to the Aviation Bureau following which it would be sent to the Governor for awardment but he was unsure of when an answer would be given. (08.21.17)

**V. Information for Discussion/Review**

16 NYSDOT Notice of Aviation Capital Grant Award selection for *two new 10-Bay T-hangars*

**VI. Privilege of the Floor to discuss any additional items to come before the Committee**

**VII. Motion to Adjourn**

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Attachments - None

**RESOLUTION REQUEST FORM NO. 3**

***Request for New Contract***

**DEPARTMENT NAME: DPW - Airport**

**DATE: 1/23/2018**

- (a) Is this a Result of a Bid or Request for Proposal? **WC 1-14**
- (b) Purpose of Contract: **Technical Support Services Phase II (construction) - Airfield Guidance Sign Replacement/Pavement Repair & Markings**
- (c) Name of Contractor: **C&S Engineers**
- (d) Address of Contractor: **449 Col. Eileen Collins Blvd., Syracuse, NY 13212**
- (e) Contractor's Contact Person and Telephone Number: **Chris Brubach 315-455-2000**
- (f) Has or will the Contract be provided, if so, please attach: **Attached**
- (g) Commencement Date of Contract: **When approved by resolution**
- (h) Termination Date of Contract: **When project complete**
- (i) Payment Provisions:
  - i) lump sum amount
  - ii) hourly rate amount
  - iii) total amount not to exceed **\$78,500**
  - 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: H369 Airfield Guidance Sign Replacement/Pavement Repair & Markings**

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

## SCHEDULE A

### SCOPE OF WORK

Project Title: Airfield Guidance Sign Replacement, Pavement Repair and Markings

Airport Name: Floyd Bennett Memorial Airport

Services Provided: Construction Phase Services

#### PROJECT DESCRIPTION:

The CONSULTANT shall provide the following services, including construction contract administration and construction observation, during construction of the Airfield Guidance Sign Replacement, Pavement Repair and Markings (the "Project"). The Project will be constructed by the SPONSOR with grant assistance from the Federal Aviation Administration (FAA) Airport Improvement Program (AIP) and the New York State Department of Transportation (NYSDOT).

This project will include removal and replacement of approximately fifty airfield guidance signs for the entire airport. This project specifically replaces the existing sign, concrete base, adjacent electrical can and transformer and connect into existing circuits. Secondly, this project will include crack sealing and pavement repairs on existing airfield pavements. Lastly, this project includes repainting existing markings that will be disturbed as part of the pavement repair activities and construction vehicle traffic. In addition, non-standard pavement markings will be removed.

Services to be provided by the CONSULTANT shall include the following:

#### CONSTRUCTION CONTRACT ADMINISTRATION PHASE

The Construction Contract Administration Phase shall consist of observation of the construction to become generally familiar with the progress and quality of the Contractor's work to determine if the work is proceeding in general conformity with the Contract Documents. In addition, the CONSULTANT shall aid the SPONSOR by acting as its liaison and Project coordinator with the NYSDOT and the FAA during the construction of the Project. Construction Contract Administration includes the following services:

1. Provide consultation and advice to the SPONSOR during construction, including the holding of a pre-construction conference, weekly construction coordination meetings, and other meetings required during the course of construction. Prepare and distribute minutes of all meetings.
2. Review, approve, or take other appropriate action on all Contractor-required submittals, such as construction schedules and phasing programs, shop drawings, product data, catalog cuts, and samples.
3. Review alternative construction methods proposed by the Contractor and advise the SPONSOR of the impact of these methods on the schedule and quality of the Project.
4. Prepare supplemental drawings and change orders necessary to execute the work properly within the intended scope. Assist the SPONSOR in resolving contractor claims and disputes.
5. Provide interpretation of the Contract Document requirements and advise the Contractor of these on behalf of the SPONSOR when necessary.
6. Furnish the SPONSOR one reproducible set of the record drawings for the completed Project taken

from the annotated record drawings prepared by the resident inspector based upon Contractor-provided information.

- 7. Prepare reimbursement request packages; coordinate their execution by the SPONSOR; and submit to the funding agencies.
- 8. Conduct pre-final and final inspections of the completed Project with the SPONSOR's airport personnel, the FAA, and the Contractor.
- 9. Issue certificates of construction completion to the SPONSOR, the FAA, and the NYSDOT.
- 10. Perform an orderly closeout of the Project as required by the SPONSOR, the FAA, and the NYSDOT.
- 11. Provide assistance to the SPONSOR as a witness in any litigation that may arise from the development or construction of the Project. Payment for this service will be as stated in Article 2(A), Item V, of the CONSULTANT Agreement for the Project, of which this Schedule forms a part.

**CONSTRUCTION OBSERVATION PHASE**

The construction observation phase shall consist of construction observation by a full-time resident engineer or inspector and supporting staff who will also:

- 1. Maintain a Project record in accordance with the Manual of Uniform Record Keeping (MURK) requirements of the NYSDOT for aviation capital projects.
- 2. Review documents and submissions by Contractor(s) pertaining to scheduling and advise the SPONSOR as to their acceptability.
- 3. Observe the Work to determine general conformity with the Contract Documents and to ascertain the need for correction or rejection of the Work. Neither the activities of the resident engineer or inspector and/or supporting staff nor the presence of any of them at a construction/Project site shall relieve Contractor nor make Consultant responsible for, Contractor's obligations, duties, and responsibilities, including, but not limited to, construction means, methods, sequences, techniques, or procedures necessary for performing, superintending, or coordinating the Work in accordance with the Contract Documents and any health or safety precautions or measures required by regulatory agencies.
- 4. Attend and conduct pre-construction, pre-paving and pre-installation conferences; weekly progress meetings; and final inspection of the completed Project.
- 5. Observe testing and inspection. Monitor the suitability of materials on the Project site or brought to the Project site to be used in construction; interpret the contract plans and specifications and check the construction activities for general compliance with the design intent; measure, compute, or check quantities of Work performed and quantities of materials in-place for partial and final payments to the Contractor.
- 6. Prepare and submit inspection reports of construction activity and problems encountered as required by the SPONSOR, the NYSDOT, and the FAA.
- 7. Prepare, review, and approve monthly and final payments to Contractor(s).

The CONSULTANT agrees to perform the services in the Construction Observation Phase of this Project during the construction contract period, estimated to be as follows:

- Pre-Construction:       Senior Construction Supervisor, 1 day @ 8 hrs/day  
                                   Chief Inspector, 1 day @ 8 hrs/day
  
- Inspection:               Senior Construction Supervisor, 2 days @ 8 hrs/day  
                                   Chief Inspector, 24 days @ 12 hrs/day  
                                   Chief Inspector Travel to Airport, 8 days @ 3 hrs/day
  
- Post-Construction:     Senior Construction Supervisor, 1 day @ 8 hrs/day  
                                   Chief Inspector, 2 day @ 8 hrs/day

**RESPONSIBILITIES/DUTIES OF INSPECTION STAFF**

In general, the on-site inspection staff is responsible for monitoring construction activity on a project and documenting their observations in a formal project record. The Project record contents and its preparation shall be in accordance with the NYSDOT M.U.R.K.

The M.U.R.K. System consists of the following records and duties:

1. Inspector's Daily Reports
2. Summary of Inspector's Daily Reports
3. Preparation of FAA Weekly Reports
4. Prime/Subcontractor Work Summary
5. Preparation of Material Acceptance Reports
6. Preparation of Certification and Testing Log Book
7. Review Subcontractor approval forms
8. Prepare statement of days charged on a weekly basis
9. Conduct Wage Rate Interviews with prime/subcontractors employees
10. Conduct Project meetings with Sponsor and Contractors
11. Field measure quantities on a daily basis
12. Collect and monitor weekly payrolls for Davis Bacon Act Compliance

5

13. Preparation of Periodic Payment Request for Contractor
14. Record deviations from the contract plans for preparation of record drawings
15. Preparation and review of Change Orders/Force Account Work

The Chief Inspector will assist the SPONSOR and Contractor regarding construction activity as it relates to aircraft operations and coordination of Notice to Airmen (NOTAMS) as required.

END OF SCHEDULE

IV. ESTIMATE OF DIRECT EXPENSES:

A.	TRAVEL, BY AUTO:						
		24	TRIPS @	168	MILES/TRIP @	\$0.535	= \$2,157.12
B.	TRAVEL, ON SITE, BY AUTO:						
		24	DAYS @	10	MILES/DAY @	\$0.535	= \$128.40
C.	PER DIEM:						
		24	DAYS @	1	PERSONS @	\$223.00	= \$5,352.00
D.	MISCELLANEOUS:						= <u>\$551.32</u>

TOTAL ESTIMATE OF DIRECT EXPENSES: \$8,188.84

V. FIXED FEE (PROFIT, LUMP SUM):

A.	LABOR PLUS OVERHEAD:			15%	(OF III.)	\$9,171.02
B.	DIRECT EXPENSES:			0%	(OF IV.)	<u>\$0.00</u>

TOTAL FIXED FEE: \$9,171.02

VI. TOTALS:

A.	ESTIMATE OF MAXIMUM TOTAL COST FOR INSPECTION SERVICES, AGREEMENT TOTAL & FAA ELIGIBLE:					<u><u>\$78,500.00</u></u>
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6



**ARCHITECTURAL/ENGINEERING  
COST SUMMARY  
SCHEDULE "B"  
INSPECTION PHASE**

PROJECT NAME: AIRFIELD GUIDANCE SIGN REPLACEMENT, PAVEMENT REPAIR AND MARKINGS  
 PROJ DESCRIPTION REPLACE AIRFIELD GUIDANCE SIGNS AND MAKE PAVEMENT REPAIRS

DATE: 08-May-17  
 A/E: C & S ENGINEERS, INC.  
 PROJECT NO: 107.045.002  
 C&S CONTACT: C. BRUBACH

CLIENT: WARREN COUNTY, NY  
 CLIENT MANAGER: ROSS DUBARY

**I. ESTIMATE OF DIRECT SALARY COSTS:**

TITLE	MAXIMUM RATE OF PAY (\$/HR)	AVERAGE RATE OF PAY (\$/HR)	ESTIMATED @ HOURS	ESTIMATED COST
A. SERVICE GROUP/ASSOCIATE MANAGER	\$86.50	\$82.20	X 0 =	\$0.00
B. DEPARTMENT MANAGER	\$71.40	\$64.80	X 0 =	\$0.00
C. MANAGING ENGINEER	\$63.90	\$56.10	X 0 =	\$0.00
D. CHIEF/PRINCIPAL ENGINEER	\$60.60	\$56.50	X 0 =	\$0.00
E. SENIOR PROJECT ENGINEER	\$54.60	\$47.30	X 36 =	\$1,702.80
F. PROJECT ENGINEER / ENV SCIENTIST	\$44.40	\$39.80	X 0 =	\$0.00
G. ENGINEER	\$40.40	\$33.30	X 28 =	\$932.40
H. STAFF ENGINEER	\$31.90	\$27.90	X 0 =	\$0.00
I. SENIOR DESIGNER	\$42.70	\$34.30	X 0 =	\$0.00
J. DESIGNER	\$32.40	\$27.60	X 0 =	\$0.00
K. CADD OPERATOR/DESIGN TECHNICIAN	\$31.40	\$28.40	X 16 =	\$454.40
L. ADMINISTRATIVE ASSISTANT	\$28.20	\$24.50	X 0 =	\$0.00
M. INTERN	\$19.50	\$16.30	X 0 =	\$0.00
N. GRANTS ADMINISTRATOR	\$34.40	\$32.80	X 40 =	\$1,312.00
O. ASSISTANT GRANTS ADMINISTRATOR	\$27.80	\$26.50	X 40 =	\$1,060.00
P. MANAGING PLANNER	\$58.70	\$55.90	X 0 =	\$0.00
Q. SENIOR PROJECT PLANNER	\$50.60	\$48.20	X 0 =	\$0.00
R. PLANNER	\$33.60	\$31.10	X 0 =	\$0.00
S. STAFF PLANNER	\$30.60	\$28.40	X 0 =	\$0.00
T. SENIOR/MANAGING ARCHITECT	\$55.50	\$54.50	X 0 =	\$0.00
U. SENIOR GIS ANALYST	\$35.20	\$33.60	X 0 =	\$0.00
V. GEOLOGIST	\$34.60	\$33.00	X 0 =	\$0.00
W. ENVIRONMENTAL SCIENTIST	\$32.40	\$30.30	X 0 =	\$0.00
X. SENIOR CONSTRUCTION SUPERVISOR	\$77.90	\$69.20	X 32 =	\$2,214.40
Y. CONSTRUCTION SUPERVISOR	\$44.40	\$42.20	X 0 =	\$0.00
Z. RESIDENT ENGINEER	\$50.90	\$45.60	X 0 =	\$0.00
AA. CHIEF INSPECTOR	\$45.00	\$38.70	X 336 =	\$13,003.20
BB. SENIOR INSPECTOR	\$41.60	\$34.50	X 0 =	\$0.00
CC. INSPECTOR	\$33.00	\$31.40	X 0 =	\$0.00
DD. JUNIOR INSPECTOR	\$21.60	\$20.60	X 0 =	\$0.00
EE. SENIOR TECHNICAL ADMINISTRATOR	\$35.70	\$32.10	X 80 =	\$2,568.00
FF. SENIOR PROJECT LANDSCAPE ARCHITECT	\$44.40	\$42.20	X 0 =	\$0.00
GG. PROJECT LANDSCAPE ARCHITECT	\$42.00	\$40.10	X 0 =	\$0.00
TOTAL ESTIMATED DIRECT SALARY COST:				\$23,247.20

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

163.00%

\$37,892.94

III. SUBTOTAL OF ITEMS I & II:

\$61,140.14

**RESOLUTION REQUEST FORM NO. 3**

***Request for New Contract***

**DEPARTMENT NAME: DPW-Airport**

**DATE: 1/23/2018**

- (a) Is this a Result of a Bid or Request for Proposal? **Yes - WC-30-17**
- (b) Purpose of Contract: **This is to award the construction phase of the Airfield Guidance Sign Replacement, Pavement Crack Sealing, and Marking Project to the successful low bidder.**
- (c) Name of Contractor: **Baseline King Corporation**
- (d) Address of Contractor: **111 Liberty Lane, Barneveld, NY 13304**
- (e) Contractor's Contact Person and Telephone Number: **James H. King - (315)**

**896-6106**

(f) Has or will the Contract be provided, if so, please attach: **Contract was included in bid documents**

(g) Commencement Date of Contract: **Upon execution**

(h) Termination Date of Contract: **Upon satisfactory completion of all construction work - approximately 30 calendar days from County's notice to proceed.**

- (i) Payment Provisions:
  - i) lump sum amount
  - ii) hourly rate amount
  - iii) total amount not to exceed **\$690,359**
  - 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: **H369 Airfield Guidance Sign Replacement/Pavement Repairs/Markings****

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 BID TABULATION SHEET**

<b>BID NO: WC 30-17</b> <b>ITEM(S): AIRFIELD GUIDANCE SIGN REPLACEMENT, PAVEMENT REPAIR &amp; MARKING PROJECT</b> <b>DATE: MAY 16, 2017</b> <b>TIME: 3:00 P.M.</b>	NAME & ADDRESS OF BIDDER		NAME & ADDRESS OF BIDDER	
	Baseline King Corp. Attn: James King 111 Liberty Lane Barneveld, NY 13304 Ph: 315-896-6106		DLC Electric, LLC. Attn: Ralph Cioffi 479 State Route 40 Troy, NY 12182 Ph: 518-326-8130	
ITEM DESCRIPTION:	Unit Price	Total	Unit Price	Total
1. SEALING OF JOINTS & CRACKS, LESS THAN 1/4":	\$0.98	\$6,860.00	\$3.50	\$24,500.00
2. ROUTING & SEALING JOINTS & CRACKS:	\$1.65	\$73,425.00	\$2.25	\$100,125.00
3. REPAIR OF JOINTS & CRACKS WITH POLYMER MODIFIED ASPHALT CONCRETE:	\$24.40	\$43,920.00	\$53.00	\$95,400.00
4. PARTIAL DEPTH AC PAVEMENT REPAIR:	\$14.64	\$33,672.00	\$10.00	\$23,000.00
5. FULL DEPTH AC PAVEMENT REPAIR:	\$18.30	\$67,710.00	\$16.65	\$61,605.00
6. FIELD OFFICE SPACE ALLOWANCE:	\$3,600.00	\$3,600.00	\$3,600.00	\$3,600.00
7. FIELD OFFICE EQUIPMENT:	\$6,100.00	\$6,100.00	\$2,300.00	\$2,300.00
8. RUNWAY & TAXIWAY MARKINGS:	\$0.73	\$69,350.00	\$0.70	\$66,500.00
9. AREA OF TREATMENT FOR PAINT REMOVAL:	\$0.92	\$14,720.00	\$1.65	\$26,400.00
10. CATCH BASIN:	\$5,795.00	\$5,795.00	\$6,103.00	\$6,103.00
11. AIRCRAFT RATED CATCH BASIN FRAME & GRATE:	\$10,919.00	\$10,919.00	\$2,332.00	\$2,332.00
12. NO. 8 AWG, 5KV, 1/C AIRFIELD LIGHTING CABLE:	\$2.07	\$12,627.00	\$0.70	\$4,270.00
13. COUNTERPOISE WIRE:	\$3.05	\$3,355.00	\$4.00	\$4,400.00
14. 2-INCH DIA. PVC CONDUIT IN TURF:	\$11.59	\$11,590.00	\$24.00	\$24,000.00
15. JUNCTION CAN:	\$793.00	\$793.00	\$938.00	\$938.00
16. AIRFIELD GUIDANCE SIGN, LED, SIZE 1, 2 MODULES:	\$2,684.00	\$2,684.00	\$3,680.00	\$3,680.00
17. AIRFIELD GUIDANCE SIGN, LED, SIZE 2, 1 MODULE:	\$3,538.00	\$49,532.00	\$3,290.00	\$46,060.00
18. AIRFIELD GUIDANCE SIGN, LED, SIZE 2, 2 MODULES:	\$4,636.00	\$60,268.00	\$3,912.00	\$50,856.00



**WARREN COUNTY BID TABULATION SHEET**

<b>BID NO: WC 30-17</b> <b>ITEM(S): AIRFIELD GUIDANCE SIGN REPLACEMENT, PAVEMENT REPAIR &amp; MARKING PROJECT</b> <b>DATE: MAY 16, 2017</b> <b>TIME: 3:00 P.M.</b>	<b>NAME &amp; ADDRESS OF BIDDER</b>		<b>NAME &amp; ADDRESS OF BIDDER</b>	
	Baseline King Corp. Attn: James King 111 Liberty Lane Barneveld, NY 13304 Ph: 315-896-6106		DLC Electric, LLC. Attn: Ralph Cioffi 479 State Route 40 Troy, NY 12182 Ph: 518-326-8130	
<b>ITEM DESCRIPTION:</b>	<b>Unit Price</b>	<b>Total</b>	<b>Unit Price</b>	<b>Total</b>
19. AIRFIELD GUIDANCE SIGN, LED, SIZE 2, 3 MODULES:	\$5,978.00	\$35,868.00	\$4,840.00	\$29,040.00
20. AIRFIELD GUIDANCE SIGN, LED, SIZE 2, 5 MODULES:	\$8,052.00	\$8,052.00	\$6,845.00	\$6,845.00
21. AIRFIELD GUIDANCE SIGN, LED, SIZE 2, 6 MODULES:	\$10,614.00	\$10,614.00	\$8,960.00	\$8,960.00
22. RUNWAY DISTANCE REMAINING SIGN, LED, SIZE 4	\$5,124.00	\$30,744.00	\$5,475.00	\$32,850.00
23. RETROREFLECTIVE HOLD/STOP SIGN:	\$2,074.00	\$14,518.00	\$2,921.00	\$20,447.00
24. RETROREFLECTIVE SIGN:	\$2,135.00	\$8,540.00	\$2,927.00	\$11,708.00
25. REMOVAL OF EXISTING SIGNS:	\$671.00	\$35,563.00	\$800.00	\$42,400.00
26. MAINTENANCE & PROTECTIVE OF TRAFFIC:	\$26,840.00	\$26,840.00	\$51,900.00	\$51,900.00
27. PROJECT SURVEY & STAKEOUT:	\$18,300.00	\$18,300.00	\$10,925.00	\$10,925.00
28. MOBILIZATION (4% MAXIMUM):	\$24,400.00	\$24,400.00	\$30,440.00	\$30,440.00
<b>TOTAL PRICE:</b>		<b>\$690,359.00</b>		<b>\$791,584.00</b>
<b>BID AWARDED TO:</b>				
<b>JULIE A. BUTLER, PURCHASING AGENT</b>		<b>Term: Resolution No.</b>		





C&S Companies  
499 Col. Eileen Collins Blvd.  
Syracuse, NY 13212  
p: (315) 455-2000  
f: (315) 455-9667  
www.cscos.com

June 2, 2017

Mr. Ross Dubarry  
443 Queensbury Ave., Room 201  
Queensbury, NY 12804

Re: Floyd Bennett Memorial Airport  
Airfield Guidance Sign Replacement, Pavement  
Crack Sealing and Marking Project  
FAA AIP No. 3-36-0033-058-2016 (d); NYSDOT No. 1903.12 (d)

File: 107.045.001

Dear Mr. Dubarry:

Two bids for the above referenced project were received on or prior to May 16, 2017 at 3:00 pm. The bids were opened by the Warren County purchasing department. The bids were tabulated by C&S Engineers, Inc. The low bidder is as follows:

<u>CONTRACTOR</u>	<u>BID AMOUNT</u>
Baseline King Corporation 111 Liberty Lane Barneveld, New York 13304 Attn: James H. King Phone: 315-896-6106 baselinekingcorp@gmail.com	\$690,359.00

The low bid was reviewed by C&S Engineers, Inc. and found to be in order. For a complete breakdown of the bid amounts and the remaining bidders, please refer to the attached bid tabulation.

C&S performed a search of the General Services Administration's "System for Award Management (SAM)" website for Baseline King Corporation and determined that they are active status with no delinquent federal debt. In addition, we have verified that the low bidder is not on the NYSDOL List of Debarred Contractors.

The low bid submitted is 0.05% above the Engineer's Opinion of Construction Cost for the project and is considered reasonable. The Federal Aviation Administration is expected to issue a grant to the County of Warren for the project based upon the bid amount for the base bid.

The low bidder has completed several similar projects at airports and other facilities in NYS

June 2, 2017  
Page 2

including an active project at Floyd Bennett Memorial Airport.

We have reviewed Baseline King Corporation's DBE Plan. They have committed to using \$21,000 which is 3% of the contract. The goal for this Contract is 2.5%. A copy of the DBE plan is attached.

Based on our review of information submitted, and our experience with Baseline King Corporation, we recommend award of the Contract in the amount of \$690,359.00 to Baseline King Corporation in accordance with the conditions of award stipulated in their bid and contingent upon Federal Aviation Administration concurrence.

If you agree with our recommendation of award and accept the DBE Plan, please feel free to utilize the enclosed sample Notice of Award letter. Please contact us should you disagree with our recommendation and decide not to award to Baseline King Corporation. We will be happy to discuss your options within the Contract Documents. Please note as per the specifications Section 30-02, Award of Contract, the County has 45 days to award the contract from the bid opening.

By copy of this letter we are requesting FAA concurrence of award. If you have any questions or need additional information, please do not hesitate to contact me.

Very truly yours,

C&S ENGINEERS, INC.

*Christopher D. Brubach*

Christopher D. Brubach, P.E.  
Chief Engineer

Enclosure

- cc: Mr. Ralph Gatto, FAA NYADO (w/encl.)
- Mr. Gerardo Mendoza, NYSDOT Aviation Bureau (w/encl.)
- Mr. Sam Zhou, NYSDOT Region 1 (w/encl.)
- Mr. Larry Cerretani, C&S CM (w/encl.)
- Ms. Tracey Marks, C&S Grants (w/encl.)

**RESOLUTION REQUEST FORM NO. 9*****Request to Increase or Decrease or Amend Existing 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: 1/23/2018

- (a) Exact Title and Number of Project\*: **H359 -Airport-Upgrade Fuel Farm**
- (b) Is this a Capital Project? **Yes**
- (c) Is this a Capital Reserve Project? **No**
- (d) Amount of Increase (if applicable): **\$7,007.87**
- (e) Amount of Decrease (if applicable):
- (f) Source of Funding (if Increase) (including name & title of codes, etc.): **H359-  
Airport-Upgrade Fuel farm - funding within grant award 90% State and  
10% County**
- (g) Changes in Funding (if Amendment):
- (h) Purpose of Increase or Decrease or Amendment: **Increase for field changes to  
add safety bollards and actual quantities of civil site work**

SPONSOR		CONTRACT DESCRIPTION:					Change Order		1 - FINAL		PAGE 1 OF 2		COST DISTRIBUTION TAB						
Warren County		Floyd Bennett Memorial Airport Aviation Fueling System Improvements					NYS DOT PIN		1903.93				FEDERAL	STATE	LOCAL				
CONTRACTOR :							NYS COMPROLLER'S NO.		FAA AIP No.		N/A						MATCHING FUNDS		
Arrow Contracting, Inc. 5550 Route 96, Farmington, New York 12804																			
ITEM NO.	DESCRIPTION	UNIT	CONSTRUCTION BID QTY.	CHANGE IN QUANTITY +/-	REVISED BID QUANTITY	PERCENT CHANGE	UNIT PRICE BID	ORIGINAL ITEM TOTAL	REVISED ITEM TOTAL	CHANGE IN CONTRACT +/- PRICE	0.00%	80.00%	10.00%						
S-699	Mobilization	EA	1	0	1.00	0.0%	\$21,067.00	\$21,067.00	\$21,067.00	\$0.00	\$0.00	\$0.00	\$0.00						
203.02	Unclassified Excavation	CY	276	0	276.00	0.0%	\$15.91	\$4,391.16	\$4,291.16	\$0.00	\$0.00	\$0.00	\$0.00						
207.21	Geotextile Separation	SY	549	0	549.00	0.0%	\$2.52	\$1,383.48	\$1,383.48	\$0.00	\$0.00	\$0.00	\$0.00						
209.13	5R Fence	LF	220	0	220.00	0.0%	\$5.87	\$1,291.40	\$1,291.40	\$0.00	\$0.00	\$0.00	\$0.00						
204.14	NYS DOT Subbase Type 4	CY	195	0	195.00	0.0%	\$38.89	\$7,583.55	\$7,583.55	\$0.00	\$0.00	\$0.00	\$0.00						
402.097202	Type 3 Binder Course	Ton	85.00	15.20	101.20	13.3%	\$89.63	\$7,708.18	\$9,070.56	\$1,362.38	\$0.00	\$1,226.14	\$136.24						
402.377902	Type 7F Surface Course	Ton	64.50	-0.81	63.69	-1.3%	\$113.46	\$7,318.17	\$7,226.27	(\$91.90)	\$0.00	(\$82.71)	(\$9.19)						
407.0102	Bituminous Tack Coat	Gal	88	-8	80.00	-7.0%	\$10.25	\$899.10	\$828.00	(\$52.10)	\$0.00	(\$55.89)	(\$6.21)						
603.980106	6" HDPE Drainage Pipe	LF	29	0	29.00	0.0%	\$43.10	\$1,249.90	\$1,249.90	\$0.00	\$0.00	\$0.00	\$0.00						
604.310711	NYS DOT Type G Drainage Structure and O3 Step Valve	EA	1	0	1.00	0.0%	\$4,162.00	\$4,162.00	\$4,162.00	\$0.00	\$0.00	\$0.00	\$0.00						
655.1111	Welded Frame & Reinforce Grate 11	EA	1	0	1.00	0.0%	\$970.00	\$970.00	\$970.00	\$0.00	\$0.00	\$0.00	\$0.00						
T-100-S-1	Fuel Tanks	EA	1	0	1.00	0.0%	\$406,283.00	\$406,283.00	\$406,283.00	\$0.00	\$0.00	\$0.00	\$0.00						
L-130-S-1	Video Surveillance	EA	1	0	1.00	0.0%	\$42,390.00	\$42,390.00	\$42,390.00	\$0.00	\$0.00	\$0.00	\$0.00						
T-050-S-1	Clean & Dispose	EA	1	0	1.00	0.0%	\$18,950.00	\$18,950.00	\$18,950.00	\$0.00	\$0.00	\$0.00	\$0.00						
<b>ADDITIONAL WORK ITEMS</b>																			
	Add bolards	EA	0	3.00	3.00	N/A	\$1,747.50	\$0.00	\$5,242.50	\$5,242.50	\$0.00	\$4,718.25	\$524.25						
	Credit for using existing fence post for bolard steel	LS	0	-1.00	-1.00	N/A	\$515.00	\$0.00	(\$515.00)	(\$515.00)	\$0.00	(\$463.50)	(\$51.50)						
	Upgrade fire extinguishers to 60BC	EA	0	2.00	2.00	N/A	\$120.00	\$0.00	\$260.00	\$260.00	\$0.00	\$234.00	\$26.00						
	Extend clock guage	EA	0	1.00	1.00	N/A	\$250.00	\$0.00	\$250.00	\$250.00	\$0.00	\$225.00	\$25.00						
	Provide slave valve for oil stop valve	EA	0	1.00	1.00	N/A	\$745.00	\$0.00	\$745.00	\$745.00	\$0.00	\$670.50	\$74.50						
	Repair drain lines	LS	0	1.00	1.00	N/A	\$490.40	\$0.00	\$490.40	\$490.40	\$0.00	\$432.36	\$58.04						
	Credit for using PVC conduit under asphalt	LF	0	-70.00	-70.00	N/A	\$1.62	\$0.00	(\$113.40)	(\$113.40)	\$0.00	(\$102.06)	(\$11.34)						
	Credit XP Box	LS	0	-1.00	-1.00	N/A	\$1,200.00	\$0.00	(\$1,200.00)	(\$1,200.00)	\$0.00	(\$1,080.00)	(\$120.00)						
	Cut so2 area adjacent to driveway	LS	0	1.00	1.00	N/A	\$305.00	\$0.00	\$305.00	\$305.00	\$0.00	\$274.50	\$30.50						
	Credit epoxy paint markings	LS	0	-1.00	-1.00	N/A	\$1,100.00	\$0.00	(\$1,100.00)	(\$1,100.00)	\$0.00	(\$990.00)	(\$110.00)						
	Additional surface restoration	LS	0	1.00	1.00	N/A	\$1,445.00	\$0.00	\$1,445.00	\$1,445.00	\$0.00	\$1,300.50	\$144.50						
											\$0.00	\$0.00	\$0.00						
Current Contract Time Limit		35 CALENDAR DAYS	Original Contract Total		\$525,637.94	Net Change This Page (Original Contract Work)		\$7,007.87	\$0.00	\$6,307.09	\$700.79								
Change in time, this order		0 CALENDAR DAYS	Net Change, This Order		\$7,007.87	Net Change Carried Forward		\$0.00	\$0.00	\$0.00	\$0.00								
Revised Contract Time Limit		35 CALENDAR DAYS	Revised Contract Total		\$532,645.81	Net Change, TOTAL		\$7,007.87	\$0.00	\$6,307.09	\$700.79								
<b>EXPLANATION:</b>											NOTE: STATE SHARE OF ADDITIONAL WORK IS LIMITED TO THE GRANT MAXIMUM AMOUNT.								
See attached document for explanation of changes.											Items above the +/-10.0% threshold, require explanation								
RECOMMENDED BY PROJECT ENGINEER:			SPONSOR'S ACCEPTANCE			CONTRACTOR'S ACCEPTANCE			STATE USE										
APPROVED:			APPROVED:			APPROVED:			APPROVED:										
PRINTED NAME: Turner Bradford			PRINTED NAME: Ross Dubarry			PRINTED NAME: Kelly Davis			PRINTED NAME:										
TITLE: Senior Engineer			TITLE: Airport Manager			TITLE:			TITLE:										
DATE: 10/27/2017			DATE:			DATE:			DATE:										

14

Warren County Arrow Contracting, Inc. 5550 Route 96, Farmington, New York 12804		CONTRACT DESCRIPTION: Floyd Bennett Memorial Airport Aviation Fueling System Improvements				
DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	ITEM TOTAL	JUSTIFICATION	
Add bollards	EA	3.00	\$1,747.50	\$5,242.50	The design of the Fuel System included the minimum number of bollards required by code to protect the fuel system. During construction, the FBO expressed concern with a gap of approximately 25 feet between the bollards protecting the existing fueling dispenser and bollards provided at the side and the end of the new fuel tanks. Three additional bollards were placed per this request.	
Credit for using existing fence post for bollard steel	LS	-1.00	\$515.00	(\$515.00)	During construction it was determined that an existing fence post could be used to replace a new bollard, and it was agreed to allow this fence post to remain, resulting in a partial credit.	
Upgrade fire extinguishers to 80BC	EA	2.00	\$130.00	\$260.00	The fire extinguishers were designed to meet code, but during construction the County Code Officer requested they be upgraded to 80BC.	
Extend clock gauge	EA	1.00	\$250.00	\$250.00	6 NYCRR Part 613 requires that the gauge must be accessible to the carrier and be installed so it can be conveniently read. The design met this standard, but the FBO requested that the gauge be moved so it can be more easily seen with a direct line of sight. The gauge was remounted and extended to provide greater ease of sight.	
Provide slave valve for oil stop valve	EA	1.00	\$745.00	\$745.00	The oil stop valve was designed to utilize a chain to release trapped water in the event of evaporation of the water within the catch basin which could cause the stop valve to drop and seal shut. This would require regular visual inspection of the structure, and if not done, the system could overflow. The installation of the slave valve would eliminate the need for these periodic inspection and eliminate human error in the event the stop valve remains closed due to lack of water in the catch basin.	
Repair drain tiles	LS	1.00	\$480.40	\$480.40	During construction three underdrain lines were found directly under the location of the catch basin. These lines were not shown on any as-built drawings, and were unknown to the airport. They appeared to be operable, and the contractor was directed to relocate the lines.	
Credit for using PVC conduit under asphalt	LF	-70.00	\$1.62	(\$113.40)	The design plans called for rigid steel conduit to be placed under the pavement, but due to the limited aircraft weight and the depth of the conduit, it was determined that the material could be modified from rigid steel to PVC.	
Credit XP Box	LS	-1.00	\$1,200.00	(\$1,200.00)	The explosion proof junction box at the corner of the tank pad was replaced with a rain tight gutter.	
Cut soil area adjacent to driveway	LS	1.00	\$305.00	\$305.00	At the request of the FBO, existing soil adjacent to the western intersection of the access road and the aircraft apron was graded to remove a slight rise in grade. This would simply snow removal operations when pushing snow off the edge of the apron.	
Credit epoxy pavement markings.	LS	-1.00	\$1,100.00	(\$1,100.00)	This is the cost of the placement of the pavement edge markings, which was deleted from the project and will be completed by the County.	
Additional surface restoration	LS	1.00	\$1,445.00	\$1,445.00	During construction it was determined that additional paving and surface restoration north of the new fuel tanks should be completed to eliminate existing grassed areas which had previously been contained within the fenced area. The installation of this pavement would simply snow removal operations when pushing snow away from the areas adjacent to the tanks.	



Department of  
Transportation

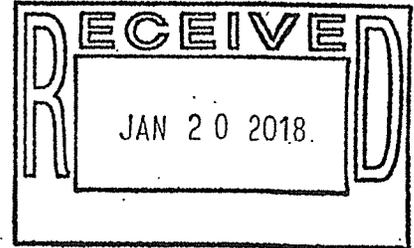
ANDREW M. CUOMO  
Governor

PAUL A. KARAS  
Acting Commissioner

16

January 12, 2018

Mr. Jeffrey Tennyson, Superintendent  
Warren County Department of Public Works  
Floyd Bennett Memorial Airport  
443 Queensbury Avenue, Suite 201  
Queensbury, New York 12804



Dear Mr. Tennyson:

*Jeffrey*

The New York State Department of Transportation is pleased to announce that your application for \$893,700 to support the Airport's project for construction of two new 10-bay T-Hangars has been approved for funding through the State's Aviation Capital Grant Program.

Recommended projects were identified on the basis of a competitive scoring process and consideration of available funds. A representative from the Department will contact you shortly to begin development of the necessary project agreement.

If you have any questions regarding the grant process implementation, please contact Denise Geraldi at (518) 485-7691.

Sincerely

*Paul A. Karas*

Paul A. Karas  
Acting Commissioner

**PART D: SMART GROWTH THRESHOLD QUESTIONS**

PLEASE ANSWER THE FOLLOWING QUESTIONS:

Is any part of the proposed project outside of the airport-owned property?  No

Is the the project likely to affect surface or groundwater; have impacts on air quality; or affect historic or archaeological resources?  No

Is this a new project which has not been included in the airport's regular planning process (i.e. a project that has not been discussed or coordinated with state, local, or federal government agencies and which has not been included in municipal or regional planning plans)?  No

Please note that a "Yes" answer to any of the Smart Growth questions asked above requires you to complete the Smart Growth Questionnaire located at: [www.dot.ny.gov/aviationgrants](http://www.dot.ny.gov/aviationgrants)

**PART E: DETAILED PROJECT DESCRIPTION**

**\*EXISTING CONDITIONS AND NEEDS:** Describe existing conditions intended to be remedied by this project. Submit project plans, drawings, or other supporting documents as necessary to support your application.

"The two existing 6-Bay T-hangars (i.e. Hangars 1 to 12) constructed during the "World War II era" are approximately 70 years old. The floors are unpaved and doors are manually operated with an unsafe counterweight system.

The attached July 28, 2015 Warren County memorandum is the most recent documentation of the buildings structural condition. The building inspection noted:

- Each of the twelve units has 1 or more support columns (a total of 17 columns) with significant structural deficiencies due to section loss or buckling near the footer. Immediate attention is recommended.
- Ten additional columns exhibit structural deterioration warranting immediate action to prevent further deterioration.
- The condition inspection excluded the doors and sheeting, however, photos clearly show these components have also exceeded their useful life.

The combination of structural repairs and replacing all sheeting and doors are significant. Both buildings have exceeded their useful life and are cost prohibitive to rehabilitate. Hangar replacement is the only option to meet the documented demand, preserve, and significantly increase airport revenue."

**\*PROJECT OBJECTIVE:** Describe what the project is intended to accomplish.

"Both T-Hangars to be demolished are owned by the County and managed by the Fixed Base Operator (FBO). The FBO manages the building tenants and completes "normal" building maintenance. The County is responsible for the "major" building repairs recommended in the recent County condition inspection (see attached). However, the current FBO lease limits County revenue to only 3% of annual hangar and tie-down income. Total annual County revenue from these two buildings and tie-down fees from the adjacent apron is approximately \$1,600, and would never enable the County to recoup the estimated \$200,000+ for "major" building repairs to both T-Hangars.

The proposed project will replace the deteriorated County owned/FBO managed hangars (12 units) with two-10 unit T-Hangars, and provide 10 tie-down positions that will be both owned and managed by Warren County. The County share of both T-Hangar and tie-down leases will increase from 3% to 100%, and estimated ANNUAL airport revenue will increase from \$1,600 to \$83,000 +/-.

Summary  
The 12 existing hangar tenants are committed to relocating to the new buildings at Floyd Bennett Memorial Airport. The airport also

**\*FULL DESCRIPTION OF PROPOSED PROJECT:** Concisely describe the project, indicating the location, what will be designed and constructed, the issues or opportunities to be addressed, and expected outcomes and project deliverables.

"The project will:

- Demolish two 70+ year old 6-Bay T-Hangars. Both buildings are structurally deficient, and rehabilitation is cost prohibitive.
- Restore and replace the demolished hangar footprint with 10 paved tie-downs positions.
- Furnish and construct two 10-Bay T-Hangars on the existing adjacent asphalt parking apron, including normal electric service.
- Associated asphalt pavement rehabilitation to accommodate the replacement tie-down positions and new T-Hangars.
- Increase annual operating airport revenue from \$1,600 +/- to \$83,000 +/-."

**\*PROJECT SCHEDULE:** Provide a project schedule in months. List all major project milestones, including design, environmental review, Right of Way, permitting and construction.

Submit Application May 2017  
 Grant Award (+/-) October 2017  
 Design 4 Months  
 Bidding 1 Month  
 Construction 4 Months

# ***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: Public Works**

**DATE: 1/25/2018**

- (a) Purpose of Request: **to amend resolution 449 of 2017**
- (b) Details: **original Committee authorization for the Temp Part-time Airport Manager position was for 90 days. This amendment will extend this appointment an additional 120 days, and include an end date of June 20<sup>th</sup>.**
- (c) Previous Resolution Number: **449/2017**
- (d) Where are the Funds (if required)? List Budget Code, Object Code, Full Title\* and Amount: **A.5310 130 Airport - Salaries Part-Time, \$39.92 hourly**

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

\* as listed in budget and LOGOS