

CITY OF POMPANO BEACH, FLORIDA

PROFESSIONAL CONSULTING AGREEMENT No. 13021

With

HDR Engineering, Inc.



***CONTINUING CONTRACT FOR AIRPARK ENGINEERING SERVICES
CONSULTANT'S COMPETITIVE NEGOTIATIONS ACT (CCNA)***

CONTRACT FOR PROFESSIONAL CONSULTING SERVICES

This Contract is made on _____, by and between the **City of Pompano Beach**, a municipal corporation of the State of Florida, hereinafter referred to as “CITY,” and **HDR Engineering, Inc.** a Nebraska corporation, authorized to do business in the State of Florida, hereinafter referred to as the “CONSULTANT”.

WHEREAS, the CONSULTANT is able and prepared to provide such services as CITY requires under the terms and conditions set forth herein; and

WHEREAS, the CITY Commission has approved the recommendation that CONSULTANT be employed by the CITY and authorized the negotiation of contractual terms.

NOW, THEREFORE, in consideration of the mutual promises herein, the CITY and the CONSULTANT agree as follows:

ARTICLE 1 – SERVICES/CONSULTANT AND CITY REPRESENTATIVES

The CONSULTANT’s responsibility under this Contract is to provide professional consulting services as more specifically set forth in **RLI25-031 – Continuing Contracts for Airpark Engineering Services CONSULTANT’s Competitive Negotiations Act (CCNA)** attached hereto as Exhibit A and incorporated herein in its entirety.

The CONSULTANT’s representative shall be Jeffrey B. Arms.

The CITY’s representative shall be City Engineer or designee.

ARTICLE 2 – TERM

The CONSULTANT shall adhere to the schedule given in each work authorization after receiving the “Notice to Proceed.”

Reports and other items shall be delivered or completed in accordance with the detailed schedule set forth in individual Work Authorizations as negotiated.

The Term of this Contract shall be for an initial period of **three (3) years** from the date of execution by both the CITY and the CONSULTANT. Upon the expiration of the initial term, the Contract **may be renewed for up to two (2) additional one (1) year terms (“Renewal Terms”)**, provided the CONSULTANT renew this Agreement for additional term(s), and delivers written notice of its intent to renew to the CITY at least ninety (90) days prior to the expiration of the then-current term. Any renewal term shall be on the same terms and conditions as set forth herein, unless otherwise modified by mutual written agreement of the parties prior to the commencement of the renewal term.

ARTICLE 3 – PAYMENTS TO CONSULTANT

A. CITY agrees to pay CONSULTANT in consideration for its services described herein. It is the intention of the parties hereby to ensure that unless otherwise directed by the CITY in writing, CONSULTANT will continue to provide services as specified in Exhibit A for the term of this Contract.

B. Price Formula. CITY agrees to pay CONSULTANT as negotiated on a Work Authorization basis. Each work authorization shall specifically identify the scope of the work to be performed and the fees for said services. As set forth in **RLI25-031**, professional services under this contract will be restricted to as defined in §287.055 Florida Statutes 287.055 for any project for which construction costs will not exceed Seven Million Five Hundred Thousand Dollars (\$7,500,000.00), and thereafter adjusted by the June-to-June Consumer Price Index for All Urban Consumers issued by the Bureau of Labor Statistics of the United States Department of Labor; and as set forth and included therein any study activity fees shall not exceed Five Hundred Thousand Dollars (\$500,000.00).

C. Fee Determination. Each individual Work Authorization may be negotiated for fees to be earned by Time and Materials with a Not to Exceed Amount, Lump Sum, or a combination of both methods for subtasks contained therein. The total amount to be paid by the CITY under a Work Authorization shall not exceed specified amounts for all services and materials including “out of pocket” expenses as specified in Paragraph E below and also including any approved subcontracts unless otherwise agreed in writing by both parties. The CONSULTANT shall notify the CITY’s Representative in writing when 90% of the “not to exceed amount” for the total Work Authorization has been reached. The CONSULTANT will bill the CITY on a monthly basis, or as otherwise provided. Time and Materials billing will be made at the amounts set forth in Exhibit A for services rendered toward the completion of the Scope of Work. Where incremental billings for partially completed items are permitted, the total billings shall not exceed the estimated percentage of completion as of the billing date. It is acknowledged and agreed to by the CONSULTANT that the dollar limitation set forth in this section is a limitation upon and describes the maximum extent of CITY’s obligation to pay CONSULTANT, but does not include a limitation upon CONSULTANT’s duty to perform all services set forth in Exhibit A for the total compensation in the amount or less than the guaranteed maximum stated above.

D. Invoices received by the CITY from the CONSULTANT pursuant to this Contract will be reviewed and approved in writing by the CITY’s Representative, indicating that services have been rendered in conformity with the Contract, and then will be sent to the CITY’s Finance Department for payment. All invoices shall contain a detailed breakdown of the services provided for which payment is being requested. In addition to detailed invoices, upon request of the CITY’s representative, CONSULTANT shall provide CITY with detailed periodic Status Reports on the project. All invoice payments by CITY shall be made after the Work has been verified and completed. Unless disputed by CITY as provided herein, upon CITY’s receipt of a Proper Invoice as defined in §218.72, Florida Statutes, as amended, CITY shall forward CONSULTANT payment for work performed within forty-five (45) days for all goods and services provided.

CITY may temporarily remove for review any disputed amount, by line item, from an invoice and shall timely provide CONSULTANT written notification of any such disputed charge. CONSULTANT shall provide clarification and a satisfactory explanation to CITY, along with revised copies of all such documents if inaccuracies or errors are discovered, within ten (10) days of receipt of CITY's notice of the disputed amount

In the event CITY has a claim against CONSULTANT for Work performed hereunder which has not been timely remedied in accordance with the provisions of this Article 3, CITY may withhold payment for the contested amount, in whole or in part, to protect itself from loss on account of defective Work, claims filed or reasonable evidence indicating probable filing of claims by other parties against CONSULTANT, and/or CONSULTANT's failure to make proper payments to subcontractors or vendors for material or labor. When the reason(s) for withholding payment are removed or resolved in a manner satisfactory to CITY, payment shall be made.

E. "Out-of-pocket" expenses shall be reimbursed up to an amount not to exceed amounts included in each Work Authorization. All requests for payment of "out-of-pocket" expenses eligible for reimbursement under the terms of this Contract shall include copies of paid receipts, invoices, or other documentation acceptable to the CITY's Representative and to the Finance Department. Such documentation shall be sufficient to establish that the expense was actually incurred and necessary in the performance of the Scope of Work described in a Work Authorization and this Contract. All out-of-pocket, reimbursables and expenses shall be billed at actual amount paid by CONSULTANT, with no markup.

F. Final Invoice. In order for both parties herein to close their books and records, the CONSULTANT will clearly state "Final Invoice" on the CONSULTANT's final/last billing to the CITY. This final invoice shall also certify that all services provided by CONSULTANT have been properly performed and all charges and costs have been invoiced to the CITY. Because this account will thereupon be closed, any and other further charges not properly included on this final invoice are waived by the CONSULTANT.

ARTICLE 4 – TRUTH-IN-NEGOTIATION CERTIFICATE

Signature of this Contract by the CONSULTANT shall also act as the execution of a truth in negotiation certificate, certifying that the wage rates, overhead charges, and other costs used to determine the compensation provided for this Contract are accurate, complete and current as of the date of the Contract and no higher than those charged the CONSULTANT's most favored customer for the same or substantially similar service. Should the CITY determine that said rates and costs were significantly increased due to incomplete, non-current or inaccurate representation, then said rates shall be adjusted accordingly.

ARTICLE 5 – TERMINATION

CITY shall have the right to terminate this Contract, in whole or in part, for convenience, cause, default or negligence on CONSULTANT's part, upon ten (10) business days advance written notice to CONSULTANT. Such Notice of Termination may include CITY's proposed Transition

Plan and timeline for terminating the Work, requests for certain Work product documents and materials, and other provisions regarding winding down concerns and activities.

If there is any material breach or default in CONSULTANT's performance of any covenant or obligation hereunder which has not been remedied within ten (10) business days after CITY's written Notice of Termination, CITY, in its sole discretion, may terminate this Contract immediately and CONSULTANT shall not be entitled to receive further payment for services rendered from the effective date of the Notice of Termination.

In the event of termination, CITY shall compensate CONSULTANT for all authorized Work satisfactorily performed through the termination date under the payment terms set forth in Article 3 above and all Work product documents and materials shall be delivered to CITY within ten (10) business days from the Notice of Termination. If any Work hereunder is in progress but not completed as of the date of the termination, then upon CITY's written approval, this Contract may be extended until said Work is completed and accepted by CITY.

This Contract may be cancelled by the CONSULTANT, upon thirty (30) days prior written notice to the CITY's Representative, in the event of substantial failure by the CITY to perform in accordance with the terms of this Contract through no fault of the CONSULTANT.

ARTICLE 6 – PERSONNEL

The CONSULTANT is, and shall be, in the performance of all work services and activities under this Contract, an independent Contractor, and not an employee, agent or servant of the CITY. All persons engaged in any of the work or services performed pursuant to this Contract shall at all times, and in all places, be subject to the CONSULTANT's sole direction, supervision, and control and shall not in any manner be deemed to be employees of the CITY. The CONSULTANT shall exercise control over the means and manner in which it and its employees perform the work. This contract does not create a partnership or joint venture between the parties.

The CONSULTANT represents that it has, or will secure at its own expense, all necessary personnel required to perform the services under this Contract. Such personnel shall not be employees of or have any contractual relationship with the CITY, nor shall such personnel be subject to any withholding for tax, Social Security or other purposes by the CITY, nor be entitled to any benefits of the CITY including, but not limited to, sick leave, pension benefits, vacation, medical benefits, life insurance, workers or unemployment compensation benefits, or the like from the CITY.

All of the services required hereunder shall be performed by the CONSULTANT or under its supervision, and all personnel engaged in performing the services shall be fully qualified and, if required, authorized or permitted under state and local law to perform such services.

Any changes or substitutions in the CONSULTANT's key personnel, as may be listed in Article 1, must be made known to the CITY's Representative at the time substitution becomes effective.

The CONSULTANT warrants that all services shall be performed by skilled and competent personnel to the degree exercised by CONSULTANTS performing the same or similar services in the same location at the time the services are provided.

ARTICLE 7 – SUBCONTRACTING

CONSULTANT may subcontract any services or work to be provided to CITY with the prior written approval of the CITY's Representative. The CITY reserves the right to accept the use of a subcontractor or to reject the selection of a particular subcontractor and to inspect all facilities of any subcontractors in order to make determination as to the capability of the subcontractor to perform properly under this Contract. The CITY's acceptance of a subcontractor shall not be unreasonably withheld. The CONSULTANT is encouraged to seek small business enterprises and to utilize businesses that are physically located in the CITY of Pompano Beach with a current Business Tax Receipt for participation in its subcontracting opportunities.

ARTICLE 8 – FEDERAL AND STATE TAX

The CITY is exempt from payment of Florida State Sales and Use Taxes. The CITY will provide the CONSULTANT with the current state issued exemption certificate. The CONSULTANT shall not be exempted from paying sales tax to its suppliers for materials used to fulfill contractual obligations with the CITY, nor is the CONSULTANT authorized to use the CITY's Tax Exemption Number in securing such materials.

The CONSULTANT shall be responsible for payment of its own and its share of its employees' payroll, payroll taxes and benefits with respect to this Contract

ARTICLE 9 – ANNUAL BUDGETARY FUNDING/CANCELLATION

This Agreement and all obligations of the CITY hereunder requiring the expenditure of funds are subject to and contingent upon annual budgetary funding and appropriations by the CITY Commission.

ARTICLE 10 - INSURANCE REQUIREMENTS

The CONSULTANT shall not commence work under this Contract until it has obtained all insurance required under this paragraph and such insurance has been approved by the Risk Manager of the CITY, nor shall the CONSULTANT allow any Subcontractor to commence work on its sub-contract until the aforementioned approval is obtained.

CERTIFICATE OF INSURANCE, reflecting evidence of the required insurance, shall be filed with the Risk Manager prior to the commencement of the work. The Certificate shall contain a provision that coverage afforded under these policies will not be cancelled, will not expire and will not be materially modified until at least thirty (30) days prior written notice has been given to the CITY. Policies shall be issued by companies authorized to conduct business under the laws of the State of Florida and shall have adequate Policyholders and Financial ratings in the latest ratings of A. M. Best and be part of the **Florida Insurance Guarantee Association Act**.

Insurance shall be in force until all work required to be performed under the terms of the Contract is satisfactorily completed as evidenced by the formal acceptance by the CITY. In the event the Insurance Certificate provided indicates that the insurance shall terminate and lapse during the period of this Contract, the CONSULTANT shall furnish, at least ten (10) days prior to the expiration of the date of such insurance, a renewed Certificate of Insurance as proof that equal and like coverage for the balance of the period of the Contract and extension thereunder is in effect. The CONSULTANT shall not continue to work pursuant to this Contract unless all required insurance remains in full force and effect.

Limits of Liability for required insurance are shown in Exhibit B.

The CITY of Pompano Beach must be named as an additional insured for the Automobile and Commercial General Liability Coverage.

For Professional Liability, if coverage is provided on a claims made basis, then coverage must be continued for the duration of this Contract and for not less than one (1) year thereafter, or in lieu of continuation, provide an “extended reporting clause” for one (1) year.

CONSULTANT shall notify the CITY Risk Manager in writing within thirty (30) days of any claims filed or made against the Professional Liability Insurance Policy.

For Workers’ Compensation Insurance, coverage shall be maintained during the life of this Contract to comply with statutory limits for all employees, and in the case of any work sublet, the CONSULTANT shall require any Subcontractors similarly to provide Workers’ Compensation Insurance for all the latter’s employees unless such employees are covered by the protection afforded by the CONSULTANT. The CONSULTANT and his Subcontractors shall maintain during the life of this Contract Employer Liability Insurance.

ARTICLE 11 – INDEMNIFICATION

A. CONSULTANT shall at all times indemnify, hold harmless the CITY, its officials, officers, employees, volunteers and other authorized agents from and against any and all claims, demands, suit, damages, attorneys’ fees, fines, losses, penalties, defense costs or liabilities suffered by the CITY to the extent caused by any negligent act, omission, breach, recklessness or misconduct of CONSULTANT and/or any of its agents, officers, or employees hereunder, including any inaccuracy in or breach of any of the representations, warranties or covenants made by the CONSULTANT, its agents, officers and/or employees, in the performance of services of this contract. To the extent considered necessary by CITY, any sums due CONSULTANT hereunder may be retained by CITY until all of CITY’s claims for indemnification hereunder have been settled or otherwise resolved, and any amount withheld shall not be subject to payment or interest by CITY.

B. CONSULTANT acknowledges and agrees that CITY would not enter into this Contract without this indemnification of CITY by CONSULTANT. The parties agree that one percent (1%) of the total compensation paid to CONSULTANT hereunder shall constitute specific

consideration to CONSULTANT for the indemnification provided under this Article and these provisions shall survive expiration or early termination of this Contract.

C. Nothing in this Agreement shall constitute a waiver by the CITY of its sovereign immunity limits as set forth in section 768.28, Florida Statutes. Nothing herein shall be construed as consent from either party to be sued by third parties.

ARTICLE 12 – SUCCESSORS AND ASSIGNS

The CITY and the CONSULTANT each binds itself and its partners, successors, executors, administrators and assigns to the other party of this Contract and to the partners, successors, executors, administrators and assigns of such other party, in respect to all covenants of this Contract. Except as above, neither the CITY nor the CONSULTANT shall assign, sublet, encumber, convey or transfer its interest in this Contract without prior written consent of the other. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of the CITY, which may be a party hereto, nor shall it be construed as giving any rights or benefits hereunder to anyone other than the CITY and the CONSULTANT.

ARTICLE 13 – REMEDIES

The laws of the State of Florida shall govern this Contract. Any and all legal action between the parties arising out of the Contract will be held in Broward County. No remedy herein conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power or remedy hereunder shall preclude any other or further exercise thereof.

ARTICLE 14 – CONFLICT OF INTEREST

The CONSULTANT represents that it has no interest and shall acquire no interest, either direct or indirect, which would conflict in any manner with the performance of services required hereunder, as provided for in the Code of Ethics for Public Officers and Employees (Chapter 112, Part III, Florida Statutes). The CONSULTANT further represents that no person having any interest shall be employed for said performance.

The CONSULTANT shall promptly notify the CITY's representative, in writing, by certified mail, of a potential conflict(s) of interest for any prospective business association, interest or other circumstance, which may influence or appear to influence the CONSULTANT's judgment or quality of services being provided hereunder. Such written notification shall identify the prospective business association, interest or circumstance, the nature of work that the CONSULTANT may undertake and request an opinion of the CITY as to whether the association, interest or circumstance would, in the opinion of the CITY, constitute a conflict of interest if entered into by the CONSULTANT. The CITY agrees to notify the CONSULTANT of its opinion by certified mail within thirty (30) days of receipt of notice by the CONSULTANT. If, in the opinion of the CITY, the prospective business association, interest, or circumstance would not constitute a conflict of interest by the CONSULTANT, the CITY shall so state in the notice and the

CONSULTANT shall at its option, enter into said association, interest or circumstance and it shall be deemed not a conflict of interest with respect to services provided to the CITY by the CONSULTANT under the terms of this Contract.

ARTICLE 15 – EXCUSABLE DELAYS

The CONSULTANT shall not be considered in default by reason of any failure in performance if such failure arises out of causes reasonably beyond the control of the CONSULTANT or its subcontractors and without their fault or negligence. Such causes include, but are not limited to, acts of God; natural or public health emergencies; freight embargoes; and abnormally severe and unusual weather conditions.

Upon the CONSULTANT's request, the CITY shall consider the facts and extent of any failure to perform the work and, if the CONSULTANT's failure to perform was without it, or its subcontractors fault or negligence, the Contract Schedule and/or any other affected provision of this Contract shall be revised accordingly; subject to the CITY's rights to change, terminate, or stop any or all of the work at any time.

ARTICLE 16 – DEBT

The CONSULTANT shall not pledge the CITY's credit or attempt to make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien or any form of indebtedness. The CONSULTANT further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Contract.

ARTICLE 17 – DISCLOSURE AND OWNERSHIP OF DOCUMENTS

The CONSULTANT shall deliver to the CITY's representatives for approval and acceptance, and before being eligible for final payment of any amounts due, all documents and materials prepared by and for the CITY under this Contract.

All written and oral information not in the public domain or not previously known, and all information and data obtained, developed, or supplied by the CITY or at its expense will be kept confidential by the CONSULTANT and will not be disclosed to any other party, directly or indirectly, without the CITY's prior written consent unless required by a lawful order. All drawings, maps, sketches, programs, data base, reports and other data developed, or purchased, under this Contract for or at the CITY's expense shall be and remain the CITY's property and may be reproduced and reused at the discretion of the CITY.

A. The CITY of Pompano Beach is a public agency subject to Chapter 119, Florida Statutes. The CONSULTANT shall comply with Florida's Public Records Law, as amended. Specifically, the CONSULTANT shall:

1. Keep and maintain public records required by the CITY in order to perform the service.

2. Upon request from the CITY's custodian of public records, provide the CITY with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes or as otherwise provided by law.

3. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the CONSULTANT does not transfer the records to the CITY.

4. Upon completion of the contract, transfer, at no cost to the CITY, all public records in possession of the CONSULTANT, or keep and maintain public records required by the CITY to perform the service. If the CONSULTANT transfers all public records to the CITY upon completion of the contract, the CONSULTANT shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the CONSULTANT keeps and maintains public records upon completion of the contract, the CONSULTANT shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the CITY, upon request from the CITY's custodian of public records in a format that is compatible with the information technology systems of the CITY.

B. Failure of the CONSULTANT to provide the above described public records to the CITY within a reasonable time may subject CONSULTANT to penalties under 119.10, Florida Statutes, as amended.

PUBLIC RECORDS CUSTODIAN

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

**CITY CLERK
100 W. Atlantic Blvd., Suite 253
Pompano Beach, Florida 33060
(954) 786-4611
RecordsCustodian@copbfl.com**

All covenants, agreements, representations and warranties made herein, or otherwise made in writing by any party pursuant hereto, including but not limited to any representations made herein relating to disclosure or ownership of documents, shall survive the execution and delivery of this Contract and the consummation of the transactions contemplated thereby.

ARTICLE 18 – CONTINGENT FEES

The CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONSULTANT to solicit or secure this Contract and that it has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the CONSULTANT, any fee, commission, percentage, gift, or any other consideration contingent upon or resulting from the award or making of this Contract. Violation of this Article shall constitute a forfeiture of this Contract by CONSULTANT.

ARTICLE 19 – ACCESS AND AUDITS

The CONSULTANT shall maintain adequate records to justify all charges, expenses, and cost incurred in estimating and performing the work for at least three (3) years after completion of this Contract. The CITY shall have access to such books, records and documents as required in this section for the purpose of inspection or audit during normal business hours, at the CONSULTANT's place of business.

ARTICLE 20 – NONDISCRIMINATION

The CONSULTANT warrants and represents that all of its employees are treated equally during employment without regard to race, color, religion, disability, sex, age, national origin, ancestry, marital status and sexual orientation.

ARTICLE 21 – INTERPRETATION

The language of this Contract has been agreed to by both parties to express their mutual intent and no rule of strict construction shall be applied to either party hereto. The headings are for reference purposes only and shall not affect in any way the meaning or interpretation of this Contract. All personal pronouns used in this Contract shall include the other gender, and the singular, the plural, and vice versa, unless the context otherwise requires.

ARTICLE 22 – AUTHORITY TO PRACTICE

The CONSULTANT hereby represents and warrants that it has and will continue to maintain all licenses and approvals required conducting its business, and that it will at all times conduct its business activities in a reputable manner. Proof of such licenses and approvals shall be submitted to the CITY's representative upon request.

ARTICLE 23 – SEVERABILITY

If any term or provision of this Contract, or the application thereof to any person or circumstances shall, to any extent be held invalid or unenforceable, to remainder of this Contract, or the application of such terms or provision, to persons or circumstances other than those as to which it is held invalid or unenforceable, shall not be affected, and every other term and provision of this Contract shall be deemed valid and enforceable to the extent permitted by law.

ARTICLE 24 – ENTIRETY OF CONTRACTUAL AGREEMENT

The CITY and the CONSULTANT agree that this Contract, together with the Exhibits hereto, sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. It is further agreed that no modification, amendment or alteration in the terms or conditions contained herein shall be effective unless contained in a written document executed with the same formality and off equal dignity herewith. None of the provisions, terms and conditions contained in this Contract may be added to, modified, superseded or otherwise altered, except by written instrument executed by the parties hereto in accordance with Article 25 – Modification of Work. In the event of any conflict or inconsistency between this Contract and the provisions in the incorporated Exhibits, the terms of this Contract shall supersede and prevail over the terms in the Exhibits.

ARTICLE 25 – MODIFICATION OF SCOPE OF WORK

The CITY reserves the right to make changes in the Scope of Work, including alterations, reductions therein or additions thereto. Upon receipt by the CONSULTANT of the CITY's notification of a contemplated change, the CONSULTANT shall, in writing: (1) provide a detailed estimate for the increase or decrease in cost due to the contemplated change; (2) notify the CITY of any estimated change in the completion date; and (3) advise the CITY if the contemplated change shall affect the CONSULTANT's ability to meet the completion dates or schedules of this Contract.

If the CITY so instructs in writing, the CONSULTANT shall suspend work on that portion of the Scope of Work affected by a contemplated change, pending the CITY's decision to proceed with the change.

If the CITY elects to make the change, the CITY shall initiate a Work Authorization Amendment and the CONSULTANT shall not commence work on any such change until such written amendment is signed by the CONSULTANT and the CITY Manager, and if such amendment is in excess of Two Hundred Thousand dollars (\$200,000.00), it must also first be approved by the CITY Commission and signed by the appropriate CITY Official authorized by the CITY Commission

The CITY shall not be liable for payment of any additional or modified work, which is not authorized in the manner provided for by this Article.

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ARTICLE 26 – NOTICE

All notices required in this Contract shall be sent by certified mail, return receipt requested, to the following:

FOR CITY:

CITY Manager
 City of Pompano Beach
 Post Office Drawer 1300
 Pompano Beach, Florida 33061

With a copy to:

Director of Procurement & Contracts
 100 West Atlantic Blvd.
 Pompano Beach, FL 33060
 Phone: 954-786-4098
 Email: purchasing@copbfl.com

FOR CONSULTANT:

Jeffrey B. Arms, Vice President
 3230 W. Commercial Blvd., Suite 400
 Fort Lauderdale, FL 33309
 (407) 420-4249
 Jeff.Arms@hdrinc.com

ARTICLE 27 – OWNERSHIP OF DOCUMENTS

All finished or unfinished documents, data, reports, studies, surveys, drawings, maps, models and photographs prepared or provided by the CONSULTANT in connection with this Contract shall become property of the CITY, whether the project for which they are made is completed or not, and shall be delivered by CONSULTANT to CITY within ten (10) days of notice of termination. If applicable, CITY may withhold any payments then due to CONSULTANT until CONSULTANT complies with the provisions of this section.

ARTICLE 28 – PROMOTING PROJECT OBJECTIVES

CONSULTANT, its employees, subcontractors, and agents shall refrain from acting adverse to the CITY's interest in promoting the goals and objectives of the projects. CONSULTANT shall take all reasonable measures necessary to effectuate these assurances. In the event CONSULTANT determines it is unable to meet or promote the goals and objectives of the projects, it shall immediately notify the CITY and the CITY, may then in its discretion, terminate this Contract.

ARTICLE 29 – PUBLIC ENTITY CRIMES ACT

As of the full execution of this Contract, CONSULTANT certifies that in accordance with §287.133, Florida Statutes, it is not on the Convicted Vendors List maintained by the State of Florida, Department of General Services. If CONSULTANT is subsequently listed on the Convicted Vendors List during the term of this Contract, CONSULTANT agrees it shall immediately provide CITY written notice of such designation in accordance with Article 26 above.

ARTICLE 30 – GOVERNING LAW; VENUE & WAIVER OF TRIAL BY JURY

This Contract has been and shall be construed as having been made and delivered within the State of Florida, and it is agreed by each party hereto that this Contract shall be governed by the laws of the State of Florida, both as to interpretation and performance. Any action at law, or in equity, shall be instituted and maintained only in courts of competent jurisdiction in Broward County, Florida. **CITY and CONSULTANT agree to waive trial by jury for any litigation between the parties that commences from this contract.**

ARTICLE 31 – EMPLOYMENT ELIGIBILITY

By entering into this Contract, the CONSULTANT becomes obligated to comply with the provisions of Section 448.095, Fla. Stat., "Employment Eligibility." This includes but is not limited to utilization of the E-Verify System to verify the work authorization status of all newly hired employees, and requiring all subcontractors to provide an affidavit attesting that the subcontractor does not employ, contract with, or subcontract with, an unauthorized alien. Failure to comply will lead to termination of this Contract, or if a subcontractor knowingly violates the statute, the subcontract must be terminated immediately. Any challenge to termination under this provision must be filed in the Circuit or County Court no later than twenty (20) calendar days after the date of termination. If this contract is terminated for a violation of the statute by the CONSULTANT, the CONSULTANT may not be awarded a public contract for a period of one (1) year after the date of termination

ARTICLE 32 - BINDING EFFECT

The benefits and obligations imposed pursuant to this Contract shall be binding and enforceable by and against the parties hereto.

ARTICLE 33 - SCRUTINIZED COMPANIES

By execution of this Agreement, in accordance with the requirements of F.S. 287.135 and F.S. 215.473, CONSULTANT certifies that CONSULTANT is not participating in a boycott of Israel. CONSULTANT further certifies that CONSULTANT is not on the Scrutinized Companies that Boycott Israel list, not on the Scrutinized Companies with Activities in Sudan List, and not on the Scrutinized Companies with Activities in Iran Terrorism Sectors List, nor has CONSULTANT been engaged in business operations in Syria. Subject to limited exceptions provided in state law, the CITY will not contract for the provision of goods or services with any scrutinized company referred to above. In accordance with Section 287.135, Florida Statutes as amended, a company is

ineligible to, and may not, bid on, submit a proposal for, or enter into or renew a contract with any agency or local government entity for goods or services of:

A. Any amount if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company is on the Scrutinized Companies that Boycott Israel List, created pursuant to Section 215.4725, Florida Statutes, or is engaged in a boycott of Israel; or

B. One million dollars or more if, at the time of bidding on, submitting a proposal for, or entering into or renewing such contract, the company:

i. Is on the Scrutinized Companies with Activities in Sudan List of the Scrutinized Companies with Activities in Iran Terrorism Sectors List, created pursuant to Section 215.473, Florida Statutes; or

ii. Is engaged in business operations in Syria.

C. Submitting a false certification or being placed on a list created pursuant to Section 215.473, Florida Statutes relating to scrutinized active business operations in Iran after CONSULTANT has submitted a certification, shall be deemed a material breach of contract. The CITY shall provide notice, in writing, to CONSULTANT of the CITY's determination concerning the false certification. CONSULTANT shall have five (5) days from receipt of notice to refute the false certification allegation. If such false certification is discovered during the active contract term, CONSULTANT shall have ninety (90) days following receipt of the notice to respond in writing and demonstrate that the determination of false certification was made in error. If CONSULTANT does not demonstrate that the CITY's determination of false certification was made in error then the CITY shall have the right to terminate the contract and seek civil remedies pursuant to Section 287.135, Florida Statutes, as amended from time to time.

ARTICLE 34 - AFFIDAVIT OF COMPLIANCE WITH ANTI-HUMAN TRAFFICKING LAWS

In accordance with section 787.06 (13), Florida Statutes, the undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury that:

Entity does not use coercion for labor or services as defined in Section 787.06, Florida Statutes, entitled "Human Trafficking".

ARTICLE 35 - AFFIDAVIT OF COMPLIANCE WITH FOREIGN ENTITY LAWS

The undersigned, on behalf of the entity listed below ("Entity"), hereby attests under penalty of perjury as follows:

A. Entity is not owned by the government of a foreign country of concern as defined in Section 287.138, Florida Statutes.

- B. The government of a foreign country of concern does not have a controlling interest in Entity.
- C. Entity is not organized under the laws of, and does not have a principal place of business in, a foreign country of concern.
- D. Entity is not owned or controlled by the government of a foreign country of concern, as defined in Section 692.201, Florida Statutes.
- E. Entity is not a partnership, association, corporation, organization, or other combination of persons organized under the laws of or having its principal place of business in a foreign country of concern, as defined in Section 692.201, Florida Statutes, or a subsidiary of such entity.
- F. Entity is not a foreign principal, as defined in Section 692.201, Florida Statutes.
- G. Entity is in compliance with all applicable requirements of Sections 692.202, 692.203, and 692.204, Florida Statutes.

ARTICLE 36 – PROJECT WEB REQUIREMENTS

The CONSULTANT agrees to use CITY-provided project management software web-based project management tool. The CITY's project management software is a comprehensive system that will be used to manage all project documents, communications, and costs between the CITY, lead consultants, sub-consultants, design consultants, contractors, and other stakeholders. The CITY will provide training to the CONSULTANT's designees.

THE REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK

“CITY”

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year hereinabove written.

Attest:

CITY OF POMPANO BEACH

KERVIN ALFRED, CITY CLERK

By: _____
REX HARDIN, MAYOR

APPROVED AS TO FORM:

By: _____
GREGORY P. HARRISON, CITY MANAGER

MARK E. BERMAN, CITY ATTORNEY

(SEAL)

“CONSULTANT”

HDR Engineering, Inc.

Witnesses:

Kristina Hetzner
Signature

Kristina Hetzner
Name Typed, Printed or Stamped

[Signature]
Signature

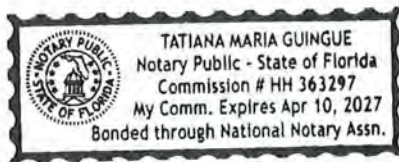
Erica Sobelman
Name Type, Printed or Stamped

By: [Signature]
Jeffrey B. Arms, Vice President

STATE OF Florida
COUNTY OF Broward

The foregoing instrument was acknowledged before me, by means of physical presence or online notarization, this 14 day of January, 2026 by Jeffrey B. Arms, as Vice President, of HDR Engineering, Inc., a foreign profit corporation, authorized to do business in Florida, on behalf of the corporation. He is personally known to me or who has produced _____ (type of identification) as identification.

NOTARY’S SEAL:



Tatiana Guingue
NOTARY PUBLIC, STATE OF Florida

Tatiana Guingue
(Name of Acknowledger Typed, Printed or Stamped)

HH 363297
Commission Number

EXHIBIT "A"



Florida's Warmest Welcome

CITY OF POMPANO BEACH

**REQUEST FOR LETTER OF INTEREST
RLI25-031**

**CONTINUING CONTRACTS FOR AIRPARK ENGINEERING
SERVICES
CONSULTANT'S COMPETITIVE NEGOTIATION ACT(CCNA)**

VIRTUAL ZOOM OPENING: July 29, 2025, 2:00:00 P.M.

For access, go to:

<https://pompanobeachfl.gov/pages/meetings>

CITY OF POMPANO BEACH, FLORIDA

REQUEST FOR LETTER OF INTEREST (RLI)

RLI25-031 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES

Pursuant to Section 287.055, Florida Statutes Consultant's Competitive Negotiation Act (CCNA), the City of Pompano Beach (the "City") invites professional companies/firms to Letter of Interest (RLI) to provide engineering services at the Pompano Beach Airpark on a continuing as-needed basis.

The selected firm shall demonstrate specific experience and capabilities and must have qualified personnel and expertise in the specified disciplines.

This RLI is subject to the "Cone of Silence," which imposes certain restrictions on communications concerning the RLI process.

The Cone of Silence shall take effect once this solicitation is released to the General Public. Respondents to this solicitation or persons acting on their behalf may not contact, between the release of the solicitation and the end of the 72 hours following the agency posting the notice of intended award, excluding Saturdays, Sundays, and state holidays, any employee or officer of the executive or legislative branch concerning any aspect of this solicitation, except in writing to the procurement officer or as provided in the solicitation documents. Violation of this provision may be grounds for rejecting a response." (F.S. 287.057 (25)).

Any firm or lobbyist for a firm is prohibited from having any communications concerning any solicitation for a competitive procurement with any member of the City Commission, City Clerk, City Manager's Office, any Evaluation Committee Member, or any other City of Pompano Beach employee after Procurement and Contracts releases a solicitation to the General Public. All communications must go through the eBid System (IonWave) or the Purchasing Agent assigned to this solicitation. No other member of the City Commission, City Clerk, City Manager's Office, any Evaluation Committee Member, or any other City of Pompano Beach employee should be contacted concerning this RLI. Any information that amends any portion of this RLI received by any method other than an Addendum issued to the RLI is not binding on the City of Pompano Beach.

The City will receive proposals until 2:00:00 p.m. (EST), July 29, 2025, at 02:00 PM (ET). Proposals must be submitted electronically through the eBid System (IonWave) on or before the due date and time as provided herein. Any proposal received after the due date and time specified will not be considered. Any uncertainty regarding the time a proposal is received will be resolved against the firm.

Firms must be registered on the City's eBid System in order to view the solicitation documents and respond to this Solicitation. The complete solicitation document can be downloaded for free from the eBid System as a PDF at <https://www.pompanobeachfl.ionwave.net>. The City is not responsible for the accuracy or completeness of any documentation the firm receives from any source other than the eBid System. The firm is solely responsible for downloading all required documents. To attend the virtual public meeting, go to <https://www.pompanobeachfl.gov/pages/meetings> to find the Zoom link.

Procurement and Contracts Department
City of Pompano Beach, Florida

SCHEDULE OF EVENTS

RLI NUMBER:	RLI25-031
RLI TITLE:	CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES
RELEASE DATE:	6/24/2025
DATE PUBLISHED IN SUN-SENTINEL	6/29/2025
PREBIDDERS CONFERENCE VIRTUAL ZOOM MEETING	7/8/2025 at 10:00 A.M. (ET)
WRITTEN QUESTIONS AND INQUIRIES ARE DUE ON OR BEFORE:	7/18/2025 at 12:00 P.M. (ET)
ADDENDA AS RESPONSES TO QUESTIONS SHALL BE ISSUED ON OR BEFORE:	7/23/2025
RLI RESPONSES DUE DATE/TIME:	7/29/2025 at 02:00 P.M. (ET)
EVALUATION COMMITTEE MEETINGS	TBD
RECOMMENDATION FOR AWARD:	TBD
DIRECT ALL INQUIRIES TO:	https://pompanobeachfl.ionwave.net
E-PROPOSAL SUBMITTALS ONLY:	https://pompanobeachfl.ionwave.net
PROPOSAL VIRTUAL OPENING:	https://www.pompanobeachfl.gov/meetings

Non-Mandatory Pre-Proposal Meeting

The non-mandatory Pre-Proposal Meeting will be held via a Virtual Zoom Meeting on 7/8/2025 , at 10:00 a.m. (local). Attendance at the Pre-Submittal Meeting is non-mandatory. The Zoom link is available on the City's Meetings webpage: <https://www.pompanobeachfl.gov/meetings>

A. Introduction

The City is seeking professional companies/firms to work on various projects for the City. The projects range in magnitude from small-scale to extensive or specialized designs.

The types of projects to be undertaken may include, but are not limited to, the following:

- Engineering design and construction management/inspection
- Surveying
- Environmental
- Structural
- Mechanical
- Electrical
- Geotechnical testing and analysis
- Cost estimating and scheduling
- Grant support services

- Site plan review and analysis
- Environmental Assessment
- Environmental Impact Statement preparation
- Land use review
- Zoning review
- Tall structures evaluation
- Terminal Approach procedures (TERP's)
- Federal Aviation Regulations (FAR) Part 77 evaluation
- Related aviation support functions
- Bidding services
- Architectural and landscape architectural services
- Design studies to establish the framework and detailed work program
- Airport data collection and facility inventories
- Aeronautical activity forecasts and demand/capacity analyses
- Facility requirements determination
- Airfield modeling for capacity and delay
- Airport layout and terminal area plan development
- Airport noise studies under 14 CFR parts 150 and 161
- Compatible land-use planning in the vicinity of airports
- Airport site selection studies
- Airport development schedules and cost estimates
- Airport financial planning and benefit cost analysis
- Participation in public information and community involvement programs and/or public hearings relating to airport development and planning projects
- Environmental assessments (EA)
- Environmental impact statements (EIS)
- Other studies in accordance with FAA Orders 5050.4 and 1050.1, airspace analysis.

The preceding list of project types is intended to encompass the design and construction of capital improvement projects at the Pompano Beach Airpark. These projects have been selected from the City's 5-year Capital Improvement Plan. The City's approved Capital Improvement Plan (CIP) is included in the current Adopted Operating budget and may be found at the following link: <https://www.pompanobeachfl.gov/government/budget>

B. Compliance with CCNA

As a result of this RLI, all services provided under the contract must adhere to the latest provisions of the Florida Consultants' Competitive Negotiation Act (CCNA), as outlined in Section 287.055, Florida Statutes, including any subsequent amendments. The maximum allowable costs for projects or studies conducted under this contract are subject to the limits set by the CCNA, which are periodically adjusted.

The Respondent acknowledges that all services under this contract shall comply with the latest provisions of the Florida Consultants' Competitive Negotiation Act (CCNA), pursuant to Section 287.055, Florida Statutes, and any amendments.

The maximum allowable costs for projects or studies conducted under this contract shall not exceed the limits established by the CCNA as periodically adjusted. The limits are calculated annually based on the Consumer Price Index (CPI) or as determined by the Department of Financial Services. The department posts updated thresholds on its website each year.

Respondents are responsible for ensuring that their proposals align with the applicable statutory limits in effect at the time of submission and contract execution.

C. Scope of Services

The City intends to engage one or more qualified professional companies/firms to provide continuing consulting and specified works. The scope of services may include, but is not limited to, the following:

- Prepare preliminary design reports and/or design alternative recommendations. These reports may include various types of utility modeling, surveying, and field data analysis.
- Prepare all required bidding/construction documents for airfield-related projects. This may include surveys, design plans and construction documents, technical specifications, and cost estimates. Attend required pre-design, design, bidding, and bid award meetings.
- Attend the pre-bid conference and prepare possible bid addenda for contract document revisions. Assist in making bid award recommendations for contracting/construction services.
- Prepare all required permit applications and submittal packages for the issuance of all agency permits (e.g. Federal, State, County, and City).
- Prepare grant applications and obtain grant funding through the Federal Aviation Administration and Florida Department of Transportation.
- Provide construction engineering/management/administration services for projects. Services during construction may include shop drawing/contractor submittal reviews and approvals, inspection and approval of project improvements, certification of projects for various permitting entities, possible field revisions, and review and approval of contractor pay applications.
- Provide project close-out services. These may include preliminary and final project acceptance, preparation and approval of punch list items, and project certification as required by all permitting agencies.
- The above projects and services represent the general types of projects that may be included in this Request for Letter of Intent (RLI). Task Orders may be issued for similar work or services required for the development, operation, and maintenance of the Pompano Beach Airpark.

Work of a specified nature may include but is not limited to, the work described above and the following;

- Airfield civil, electrical, and mechanical engineering
- Landside civil, electrical, and mechanical engineering
- Architectural and supporting services
- Planning studies
- Environmental studies
- Airspace studies
- Construction administration, observation, inspection, and testing
- NEPA for Various Projects
- RW 10-28 Rehab Construct
- Correct TW A Pavement Expanses Construct
- Taxiway M South of RW 10-28 Realign and HS 1 Mitigation Design
- ALP Pen and Ink Update
- Master Stormwater Management Plan Update
- Airspace Obstruction Mitigation Design
- Runway 6-24 Rehabilitation and RSA Corrections Design
- Taxiway L Rehab Design
- Runway 15 and 24 RVZ Corrections Design
- Parcel I Airspace Planning
- Taxiway M South of RW 10-28 Realign and HS 1 Mitigation Construct

- Wildlife Hazard Mitigation Design
- Runway 15-33 NAVAID Upgrades Design
- Airspace Obstruction Mitigation Construction
- New Air Traffic Control Tower Design
- Taxiway L Rehab Construction
- Runway 15 and 24 RVZ Corrections Construct
- Runway 6-24 Rehabilitation and RSA Corrections Construction
- Wildlife Hazard Mitigation Construction
- Runway 15-33 NAVAID Upgrades Construction
- Southwest GA Ramp Rehab and Expand Design
- Taxiway M Relocation RW 10-28 to TW D Design
- Taxiway M Relocation RW 10-28 to TW D Construction
- New Air Traffic Control Tower Construction
- Taxiway B Rehab Design
- Southwest GA Ramp Rehab and Expand Construction
- Taxiway F Rehab Design
- Southwest Airfield Reconfigure Design
- New Taxiway Q Design
- Runway 15 Extension Justification Statement
- Taxiway B Rehab Construction
- Runway 15 Extension Benefit-Cost Analysis
- Runway 15 Extension Environmental Assessment
- Taxiway F Rehab Construction
- Taxiway M Relocation North of RW 15-33 Design
- VSR Rehab Phase 1 Northwest Design
- Southwest Airfield Reconfigure Construct
- VSR Rehab Phase 1 Northwest Construct
- VSR Rehab Phase 2 Southeast Design
- New Taxiway Q Construction
- VSR Rehab Phase 2 Southeast Construct
- VSR Rehab Phase 3 Southwest Design
- Taxiway M Relocation North of RW 15-33 Construction
- VSR Rehab Phase 3 Southwest Construct
- Runway 15 Extension Design
- Runway 15 Extension Construction

Companies/Firms must have previous general engineering aviation experience. They must be licensed to practice Professional Engineering in the State of Florida, Florida State Statute 471, by the Board of Professional Regulation.

D. Task/Deliverables

Tasks and deliverables will be determined per project. Each project shall require the City to receive a signed Work Authorization (WA) form from the awarded company/firm. The forms shall be completed and include the agreed-upon scope, tasks, schedule, cost, and deliverables for the project. The awarded company(ies)/firm(s) must provide all applicable insurance requirements.

E. DBE Requirements:

The Disadvantaged Business Enterprise (DBE) policy ensures nondiscrimination in the award and administration

of the City's construction contracts, professional services contracts, and in the procurement of common goods and services. The awarded respondent shall comply with and implement requirements of the U.S. Department of Transportation (USDOT) Rules and Regulations and Code of Federal Regulations (C.F.R.) 49 C.F.R. § 26, and the City's DBE Program Plan (collectively, the "DBE Program") in the award and administration of Subcontracts under any agreement resulting from this solicitation and associated contracts. The respondent shall not discriminate on the basis of race, color, national origin, or sex in the administration and performance of the contract. The respondent shall carry out DBE Program requirements in the award and administration of its subcontract agreements, regardless of tier. Failure by the contractor to carry out these requirements is a material breach of the contract, which may result in the termination of the contract or such other remedy as the City deems appropriate, which may include, but is not limited to:

- (1) Withholding monthly progress payments;
- (2) Assessing sanctions;
- (3) Liquidated damages; and/or
- (4) Disqualifying the contractor from future bidding as non-responsible.

All firms qualifying under this solicitation are encouraged to submit proposals.

DBE Contract Goal(s):

The **DBE participation goals for this project will be established on a task order-by-task order basis**. The requirement must be met with DBE-certified firms, in accordance with 49 C.F.R. § 26.55, or through the demonstration of sufficient good faith efforts (49 C.F.R. § 26.53). A proposed DBE Utilization Plan is required as part of the RFQ response and will be scored. The respondent shall make good faith efforts, as defined in Appendix A, 49 CFR Part 26, to meet the contract goal for DBE participation in the performance of this contract.

Proposers submit a narrative to demonstrate their approach to ensuring nondiscrimination in contracting and facilitating DBE participation. Furthermore, proposers must list the DBE and non-DBE firms they intend to utilize to meet the associated DBE goals for each task order. This RLI will not require proposers to commit to specific dollar values or a percentage of DBE participation.

F. Term of Agreement/Contract

The contract is effective for three (3) years from the date of execution by the City and the firm. Upon the expiration of the initial term, the Contract may be renewed for up to two (2) additional one (1) year periods ("Renewal Terms"), provided that the Customer provides written notice of its intent to renew at least 90 days prior to the expiration of the then-current term. The renewal(s) shall be subject to the same terms and conditions as set forth herein unless otherwise mutually agreed in writing prior to the renewal date.

G. Project Web Requirements:

1. This project will utilize e-Builder EnterpriseTM, a web-based project management tool. This application is a collaboration tool that will allow all project team members continuous access through the Internet to important project data and up-to-the-minute decision and approval status information. e-Builder EnterpriseTM is a comprehensive project and program management system that the City will use to manage all project documents, communications, and costs between the lead consultant, sub-consultants, design consultants, contractors, and the City. e-Builder EnterpriseTM includes extensive reporting capabilities to facilitate detailed project reporting in a web-based environment that is accessible to all parties and easy to use. Training will be provided for all companies/firms selected to provide services for the City of Pompano Beach.
2. Lead and sub-consultants shall conduct project controls outlined by the City, project manager, and/or

construction manager utilizing e-Builder Enterprise™. The city shall provide the designated web-based application license(s) to the prime consultant and sub-consultants. No additional software will be required.

The lead consultant and sub-consultants shall have the responsibility for logging into the project website on a daily basis, and as necessary to be kept fully apprised of project developments and required action items. These may include but are not limited to: Contracts, Contract Exhibits, Contract Amendments, Drawing Issuances, Addenda, Bulletins, Permits, Insurance & Bonds, Safety Program Procedures, Safety Notices, Accident Reports, Personnel Injury Reports, Schedules, Site Logistics, Progress Reports, Correspondence, Daily Logs, Non-Conformance Notices, Quality Control Notices, Punch Lists, Meeting Minutes, Requests for Information, Submittal Packages, Substitution Requests, Monthly Payment Request Applications, Supplemental Instructions, City Change Directives, Potential Change Orders, Change Order Requests, Change Orders and the like. All supporting data, including but not limited to shop drawings, product data sheets, manufacturer data sheets and instructions, method statements, safety SDS sheets, Substitution Requests, and the like, will be submitted in digital format via e-Builder Enterprise™.

H. Required Proposal Submittal

Sealed proposals shall be submitted electronically through the eBid System on or before the due date and time as provided herein. Firm shall upload the response as one (1) file to the eBid System. The file size for uploads is limited to 250 MB. If the file size exceeds 10 MB, the response must be split and uploaded as two (2) separate files.

Information to be included in the proposal: To maintain comparability and expedite the review process, proposals must be organized in the manner specified below, with the sections clearly labeled.

Title page:

Show the project name and number, the name of the Firm's company/firm, address, telephone number, name of the contact person, and the date.

Table of Contents:

Include a clear identification of the material by section and by page.

Letter of Transmittal:

Briefly state the Firm's understanding of the project and express a positive commitment to provide the services described herein. Please state the name(s) of the person(s) who will be authorized to make representations for the Firm, their title(s), office, and email addresses and telephone numbers. Please limit this section to two (2) pages.

Technical Approach:

Companies/Firms or teams shall submit their technical approach to the tasks described in the scope, including details of how each phase of the project would be completed and how their company/firm proposes maintaining time schedules and cost controls.

Schedule:

Firm shall provide a timeline highlighting proposed tasks that meet all applicable deadlines.

References:

References for past projects in the tri-county area (Broward, Palm Beach, and Miami-Dade). Describe the scope of each project in physical terms and by cost, describe the Firm's responsibilities, and provide the contact information (name, email, telephone number) of an individual in a position of responsibility who can attest to the Firm's activities with the project.

List any prior projects performed for the City of Pompano Beach.

Project Team Form:

Submit a completed “Project Team” form. This form aims to identify the proposed team's key members, including any specialty subconsultants.

Organizational Chart:

Specifically, identify the management plan (if needed) and provide an organizational chart for the project team. The Firm must describe, at minimum, the basic approach to these projects, including the reporting hierarchy of staff and sub-consultants. Clarify the individual(s) responsible for coordinating separate components of the scope of services.

Statement of Skills and Experience of Project Team:

Describe the experience of the entire project team as it relates to the types of projects described in the Scope of Services section of this solicitation. Include the experience of the prime consultants as well as other members of the project team, i.e., additional personnel, sub-consultants, branch office, team members, and other resources anticipated to be utilized for this project. Name specific projects [successfully completed within the past five (5) years] where the team members have performed similar projects previously.

Resumes of Key Personnel:

Include resumes for key personnel for prime and sub-consultants.

Office Locations:

Identify the office's location from which services will be rendered and the number of professional and administrative staff at the prime office. Also, identify the location of office(s) of the prime and/or sub-consultants that may be utilized to support any or all of the professional services listed above, and the number of the professional and administrative staff at the prime office location.

If companies/firms are situated outside the local area (Broward, Palm Beach, and Miami-Dade counties), include a brief statement as to whether or not the companies/firms will arrange for a local office during the term of the agreement/contract, if necessary.

DBE Participation:

Proposers submit a narrative to demonstrate their approach to ensuring nondiscrimination in contracting and facilitating DBE participation. Furthermore, proposers must list the DBE and non-DBE firms they intend to utilize to meet the associated DBE goals for each task order. This RLI will not require proposers to commit to specific dollar values or a percentage of DBE participation.

Litigation:

Disclose any litigation within the past five (5) years arising out of your company/firm’s performance, including status/outcome.

City Forms:

The Firm Information Page Form and any other required forms must be completed and submitted electronically through the City’s eBid System. The City reserves the right to request additional information to ensure the Firm is financially solvent. It has sufficient financial resources to perform

the agreement/contract and shall provide proof of its financial solvency. At its sole discretion, the City may ask for additional proof of financial solvency, including additional documents post-proposal opening and prior to evaluation that demonstrate the Firm's ability to perform the resulting agreement/contract and provide the required materials and/or services.

Reviewed and Audited Financial Statements:

Firms shall be financially solvent and appropriately capitalized to be able to service the City for the duration of the agreement/contract. Firms shall provide a complete financial statement of the company's/firm's most recent audited financial statements, indicating the organization's financial condition. Must be uploaded to the Response Attachments tab in the eBid System as a separate file titled "FINANCIAL STATEMENTS" and marked "CONFIDENTIAL."

Financial statements provided shall not be older than twelve (12) months before the date of filing this solicitation's response. The financial statements must be reviewed and submitted with any accompanying notes and supplemental information. The City of Pompano Beach reserves the right to reject financial statements in which the financial condition shown is twelve (12) months or more before the submittal date.

The City is a public agency subject to Chapter 119, Florida's Public Records Law, and must provide the public with access to public records; however, financial statements that are required as submittals to prequalify for a solicitation will be exempt from public disclosure.

The City reserves the right to request additional information to ensure the Firm is financially solvent. It has sufficient financial resources to perform the agreement/contract and shall provide proof of its financial solvency. At its sole discretion, the City may ask for additional proof of financial solvency, including additional documents post-proposal opening and prior to evaluation that demonstrate the Firm's ability to perform the resulting agreement/contract and provide the required materials and/or services.

A combination of two (2) or more of the following may substitute for audited financial statements:

- 1) Bank letters/statements for the past three (3) months
- 2) Balance sheet, profit and loss statement, cash flow report
- 3) IRS returns for the last two (2) years
- 4) Letter from CPA showing profits and loss statements (certified)

I. Insurance

The contractor/consultant shall not commence services under the terms of this agreement/contract until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the City's Risk Manager. If you are responding to a solicitation and have questions regarding the insurance requirements, don't hesitate to get in touch with the City's Procurement and Contracts Department at (954) 786-4098. If the agreement/contract has already been awarded, please direct any inquiries and proof of the requisite insurance coverage to City staff responsible for oversight of the subject project/contract.

The contractor/Consultant is responsible for delivering to the City for timely review and written approval/disapproval Certificates of Insurance, which evidence that all insurance required hereunder is in full force and effect and which name the city as an additional insured on a primary basis on all such coverage.

Throughout the term of this agreement/contract, the City, by and through its Risk Manager, reserves the right to

review, modify, reject, or accept any insurance policies required by this agreement/contract, including limits, coverages, or endorsements. The City reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as the City review or acceptance of insurance maintained by the contractor/consultant, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by the contractor/consultant under this agreement/contract.

Throughout the term of this agreement/contract, the contractor/consultant and all sub-contractors/sub-consultants or other agents hereunder shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements:

1. Worker’s Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440. The contractor/consultant further agrees to be responsible for the employment, control, and conduct of its employees and any injury sustained by such employees in the course of their employment.
2. Liability Insurance.
 - (a) Naming the City of Pompano Beach as an additional insured as the City’s interests may appear, on General Liability Insurance only, relative to claims which arise from the firm’s negligent acts or omissions in connection with contractor/consultant’s performance under this agreement/contract.
 - (b) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance	Limits of Liability
GENERAL LIABILITY:	Minimum \$1,000,000 Per Occurrence and \$2,000,000 Per Aggregate

* Policy to be written on a claim incurred basis

XX comprehensive form	bodily injury and property damage
XX premises - operations	bodily injury and property damage
___ explosion & collapse hazard	
___ underground hazard	
XX products/completed operations hazard	bodily injury and property damage combined
XX contractual insurance	bodily injury and property damage combined
XX broad form property damage	bodily injury and property damage combined
XX independent contractors’	personal injury
XX personal injury	
___ sexual abuse/molestation	Minimum \$1,000,000 Per Occurrence and

Aggregate

___ liquor legal liability Minimum \$1,000,000 Per Occurrence and Aggregate

AUTOMOBILE LIABILITY: Minimum \$1,000,000 Per Occurrence and Aggregate. Bodily injury (each person) bodily injury (each accident), Property damage, bodily injury and property damage combined.

- XX comprehensive form XX owned
XX hired
XX non-owned

REAL & PERSONAL PROPERTY

___ comprehensive form Agent must show proof they have this coverage.

EXCESS LIABILITY Per Occurrence Aggregate

___ other than umbrella bodily injury and \$1,000,000 \$1,000,000 property damage combined

PROFESSIONAL LIABILITY Per Occurrence Aggregate

XX * Policy to be written on a claims made basis \$1,000,000 \$1,000,000

(c) If Professional Liability insurance is required, the Consultant agrees the indemnification and hold harmless provisions set forth in the agreement/contract shall survive the termination or expiration of the agreement/contract for a period of four (4) years unless terminated sooner by the applicable statute of limitations.

CYBER LIABILITY Per Occurrence Aggregate

___ * Policy to be written on a claims made basis \$1,000,000 \$1,000,000

- ___ Network Security / Privacy Liability
___ Breach Response / Notification Sublimit (minimum limit of 50% of policy aggregate)
___ Technology Products E&O - \$1,000,000 (only applicable for vendors supplying technology related services and or products)
___ Coverage shall be maintained in effect during the period of the agreement/contract and for not less than four (4) years after termination/ completion of the agreement/contract.

3. Employer's Liability. If required by law, the Consultant and all sub- contractors/sub-consultant shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five

Hundred Thousand Dollars (\$500,000) per aggregate.

4. Policies: Whenever, under the provisions of this agreement/contract, insurance is required of the Awarded Firm, the Awarded Firm shall promptly provide the following:

- (a) Certificates of Insurance evidencing the required coverage;
- (b) Names and addresses of companies providing coverage;
- (c) Effective and expiration dates of policies; and
- (d) A provision in all policies affording thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

5. Insurance Cancellation or Modification. Should any required insurance policies be canceled before the expiration date or modified or substantially modified, the issuing company/firm shall provide thirty (30) days written notice to the City.

6. Waiver of Subrogation. The awarded company/firm waives any and all rights of subrogation against the City, its officers, employees, and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement/contract to waive subrogation without an endorsement, then the awarded company/firm shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy that includes a condition to the policy not specifically prohibiting such an endorsement or voids coverage should the Awarded Firm enter into such an agreement/contract on a pre-loss basis.

J. Selection/Evaluation Process

A Selection/Evaluation Committee (Committee) will be appointed to select the most qualified company(ies)/ firm(s). The Committee will present its findings to the City Commission. The City Manager will approve a selection evaluation committee to assist in evaluating the Letter of Interest(s) received and to select the most qualified firm(s). All Letters of Interest will be evaluated by the Evaluation Committee and Procurement and Contracts staff based on the information submitted by the Submitting Firm(s) in response to this RLI. The Committee's findings will be presented to the City Commission. Based upon the evaluation, the Evaluation Committee will recommend one Submitting Firm to the City Commissioners for the award and execution of an Agreement.

Proposals will be evaluated using the following criteria:

Line	Criteria	Points Range
1	Prior experience of the company/firm with projects of similar size and complexity: <ul style="list-style-type: none">a) Number of similar projectsb) Complexity of similar projectsc) References from past projects performed by the company/firmd) Previous projects performed for the City (provide the description)e) Litigation within the past five (5) years arising out of the company's/firm's performance (list, describe outcome)	0-40

2	Qualifications of personnel including sub-contractor/sub-consultants:	0-35
	a) Organizational chart for project	
	b) Number of technical staff	
	c) Qualifications of technical staff:	
	d) Number of licensed staff	
	e) Education of staff	
	f) Experience of staff on similar projects	
 3	 Proximity of the nearest office to the project location:	 0-15
	a) Location	
	b) Number of staff at the nearest office	
 4	 DBE Utilization Plan	 0-10
	a) How viable is the respondent's strategy for ensuring nondiscrimination in contracting in accordance with the DBE program requirements?	
	b) Has the respondent provided a list of DBE firms to be used throughout the Project?	
	c) Has the respondent identified significant roles and responsibilities for DBE firms?	
	Total	100

NOTE:

Financial statements required as submittals to prequalify for a solicitation will be exempt from public disclosure; however, financial statements submitted to prequalify for a solicitation and not required by the City may be subject to public disclosure.

The City Commission has the authority to (including, but not limited to) approve the recommendation, reject the recommendation, and direct staff to re-advertise this solicitation or, review the responses themselves and/or request oral presentations and determine a ranking order that may be the same or different from what was originally presented to the City Commission.

Tie Breaker:

In case there is a tie for the highest-ranked firms, the recommendations shall be made by giving preference to the following items in this order:

- 1) Maintenance of a Drug-Free Workplace in accordance with the requirements of 287.087, F.S.
- 2) DBE
- 3) Coin Toss

Technicalities:

Failure to respond, provide detailed information, or provide requested proposal elements may reduce points in the evaluation process. The Committee may recommend rejecting any Letter of Interest containing material deviations from the RLI. The Committee may recommend waiving any irregularities and technicalities. If only

one (1) responsive proposal is received, the Committee will proceed without scoring the one (1) responsive statement received and may recommend that Procurement and Contracts Department staff negotiate the best terms and conditions with that sole firm or may recommend rejecting the proposal.

Committee’s Recommendations:

The Evaluation Committee may recommend rejecting the Letter of Interest received or awarding the contract.

A complete recording shall be made of each meeting (evaluation and negotiation session) conducted by the Committee by the Purchasing Agent. The Committee may choose to conduct one (1) or more exempt negotiation sessions with as many ranked responsive firms, in its sole judgment, as it deems appropriate before making its recommendation for award, starting with the highest-ranked firm first, then the second highest-ranked firm, and so on. The Committee also has the discretion to recommend negotiations with only a single responsive firm if the Committee chooses to do so. During any such negotiations, the City staff assigned to negotiate reserves the

right to negotiate any term, condition, or specification during an exempt negotiation session with the highest-ranked responsive firm.

Per Section 286.0113(2), Florida Statutes, any negotiation session will be conducted to exclude the other ranked responsive firm and the public. The Committee will recess the open public portion of the evaluation meeting and conduct the exempt negotiation session of the competitive selection process, beginning with the highest-ranked responsive firm first, then the second highest-ranked firm, and so on until finished. The Committee also has the discretion to commence negotiations with only a single responsive firm if it chooses to do so. Each ranked responsive firm must be represented during its exempt negotiations session by an authorized representative possessing the authority to bind the firm to the changes made during the negotiation session and be prepared to provide its best and final offer. Any information communicated between the Committee and a ranked responsive firm during an exempt negotiation session shall not be disclosed to anyone during the open portion of the meeting, including other ranked responsive firms, until disclosure is permitted under Section 286.0113(2), Florida Statutes.

After the exempt negotiation session(s) is/are completed, the Committee shall reconvene the open public portion of the evaluation meeting and determine, by motion and a roll call vote, whether to recommend an award to one (1) or more ranked responsive firms; to declare an impasse with a ranked responsive firm; or to proceed with further negotiations with one (1) or more of the next highest-ranked responsive firms. The Committee may declare an impasse with a ranked responsive firm at any time or proceed with further negotiations with one 1 or more of the next highest-ranked firm(s). Suppose negotiations are unsuccessful or have reached an impasse with a ranked firm; in that case, the Committee reserves the right not to recommend an award to a ranked firm if it is in the City's best interest, and this must be stated on the record. The final scores are only a ranking of statements received for negotiation (i.e., the highest-ranked firm will be the first to start the negotiations) and do not determine the actual award.

Determination of Award:

The City Commission shall consider the Committee’s award recommendation for this RLI and may approve such a recommendation. The City Commission may also, at its option, reject the Evaluation Committee’s recommendation, or it may also reject all statements received, in which case the City may choose to re-advertise this solicitation “as is” or by adopting a modified version.

K. Hold Harmless and Indemnification

Firm covenants and agrees that it will indemnify hold harmless the City, its officials, employees, volunteers and other authorized agents from and against any and all claims, demands, suits, damages, attorneys' fees, fines, losses, penalties, defense costs or liabilities suffered by the City to the extent caused by any negligent act, omission, breach, recklessness or misconduct of Consultant and/or any of its agents, officers, or employees hereunder, including any inaccuracy in or breach of any of the representations, warranties or covenants made by the Consultant, its agents, officers and/or employees, in the performance of services of this agreement/contract. To the extent considered necessary by City, any sums due Consultant hereunder may be retained by City until all of City's claims for indemnification hereunder have been settled or otherwise resolved, and any amount withheld shall not be subject to payment or interest by City.

L. Right to Audit

Awarded company's/firm's records which shall include but not be limited to accounting records, written policies and procedures, computer records, disks and software, videos, photographs, sub-contract/sub-consultants files (including proposals of successful and unsuccessful firms), originals estimates, estimating worksheets, correspondence, change order files (including documentation covering negotiated settlements), and any other supporting evidence necessary to substantiate charges related to the agreement/contract (all the foregoing hereinafter referred to as "records") shall be open to inspection and subject to audit and/or reproduction, during regular working hours, by City's agent or its authorized representative to the extent necessary to adequately permit evaluation and verification of any invoices, payments or claims submitted by the Awarded Firm r or any of its payees pursuant to the execution of the agreement/contract. Such records subject to the examination shall also include but are not limited to, those necessary to evaluate and verify direct and indirect costs (including overhead allocations) as they may apply to costs associated with the agreement/contract.

For the purpose of such audits, inspections, examinations, and evaluations, the City's agent or authorized representative shall have access to said records from the effective date of the agreement/contract, for the duration of the service, and until five (5) years after the date of final payment by the City to awarded company/firm pursuant to the agreement/contract.

The City agent or its authorized representative shall have access to the awarded company's/firm's facilities, all necessary records, and adequate and appropriate workspace to conduct audits in compliance with this article. The City agent or authorized representative shall give auditees reasonable advance notice of intended audits.

The awarded company/firm shall require all sub-contractors/sub-consultants, insurance agents, and material suppliers (payees) to comply with this article's provisions by inserting the requirements in any written agreement/contract. Failure to obtain such written agreements/contracts that include such provisions shall be reason to exclude some or all of the related payees' costs from amounts payable to the contractor/consultant pursuant to the agreement/contract.

M. Retention of Records and Right to Access

The City is a public agency subject to Florida Statutes Chapter 119. The awarded company/firm shall comply with Florida's Public Records Law, as amended. Specifically, the awarded company/firm shall:

1. Keep and maintain public records required by the City in order to perform the service;
2. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Florida Statutes Chapter 119, or as otherwise provided by law;
3. Ensure that public records that are exempt or that are confidential and exempt from public record

- requirements are not disclosed except as authorized by law;
4. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the agreement/contract term and following completion of the agreement/contract if the awarded company/firm does not transfer the records to the City; and
 5. Upon completion of the agreement/contract, transfer, at no cost to the City, all public records in possession of the awarded company/firm, or keep and maintain public records required by the City to perform the service. If the awarded company/firm transfers all public records to the City upon completion of the agreement/contract, the awarded company/firm shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the awarded company/firm keeps and maintains public records upon completion of the agreement/contract, the awarded company/firm shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format that is compatible with the information technology systems of the City.

N. Communications

No negotiations, decisions, or actions shall be initiated or executed by the company/firm as a result of any discussions with any City employee. Only those communications in writing from the City may be considered duly authorized expressions on behalf of the City. In addition, only communications that are in writing from an authorized representative of the company/firm will be recognized by the City as duly authorized expressions on behalf of the respective company/firm.

O. No Discrimination

No discrimination shall be made on the basis of race, sex, color, age, religion, or national origin in the operations conducted under any agreement/contract with the City.

P. Independent Contractor

The awarded company/firm will conduct business as an independent contractor/consultant under the terms of the agreement/contract. Personnel services provided by the awarded company/firm shall be by employees of the awarded company/firm and subject to supervision by the awarded company/firm, and not as City officers, employees, or agents. Personnel policies, tax responsibilities, social security and health insurance, employee benefits, purchasing policies, and other similar administrative procedures applicable to services rendered under the agreement/contract shall be those of the awarded company/firm.

Q. Staff Assignment

The City of Pompano Beach reserves the right to approve or reject, for any reason, Firm's staff assigned to this project at any time. Background checks may be required.

R. Agreement/Contract Terms

The agreement/contract resulting from this solicitation shall include, but not be limited to, the following terms:

- The agreement/contract shall include, at minimum, the entirety of this solicitation and the awarded proposal. It shall be prepared by the City of Pompano Beach City Attorney.
- If the City defends any claim, demand, cause of action, or lawsuit arising out of any act, action, negligent acts or negligent omissions, or willful misconduct of the contractor/consultant, its employees, agents, or servants during the performance of the agreement/contract, whether directly or indirectly, awarded

company/firm agrees to reimburse the City for all expenses, attorney's fees, and court costs incurred in defending such claim, cause of action or lawsuit.

S. Waiver

It is agreed that no waiver or modification of the agreement/contract resulting from this solicitation or of any covenant, condition, or limitation contained in it shall be valid unless it is in writing and duly executed by the party to be charged with it. No evidence of any waiver or modification shall be offered or received in evidence in any proceeding, arbitration, or litigation between the parties arising out of or affecting the agreement/contract or the right or obligations of any party under it unless such waiver or modification is in writing, duly executed as previously provided. The parties agree that the provisions of this paragraph may not be waived except by duly executed writing.

T. Survivorship Rights

The agreement/contract resulting from this solicitation shall be binding on and inure to the benefit of the respective parties and their executors, administrators, heirs, personal representatives, successors, and assigns.

U. Manner of Performance

Firm agrees to perform its duties and obligations under the agreement/contract resulting from this solicitation professionally and in accordance with all applicable local, federal, and state laws, rules, and regulations.

Firm agrees that the services provided under the agreement/contract resulting from this solicitation shall be provided by educated, trained, experienced, certified, and licensed employees in all areas encompassed within its designated duties. Firm agrees to furnish the City of Pompano Beach with all documentation, certification, authorization, license, permit, or registration currently required by applicable laws, rules, and regulations. Firm further certifies that it and its employees are now in and will maintain good standing with such governmental agencies and that it and its employees will keep all licenses, permits, registration, authorization or certification required by applicable laws or regulations in full force and effect during the term of the agreement/contract. Failure of Firm to comply with this paragraph shall constitute a material breach of agreement/contract.

V. Acceptance Period

Proposals submitted in response to this solicitation must be valid for no less than one hundred and twenty (120) days from the closing date.

W. Conditions and Provisions

The completed proposal (together with all required attachments) must be submitted electronically to the City on or before the time and date as written herein. By electronically submitting a proposal, all firms shall agree to comply with all of this solicitation's conditions, requirements, and instructions as written or implied herein. All proposals and supporting materials submitted will become the property of the City.

Firm's response shall not contain any alteration to the document posted other than entering data in the spaces provided or including attachments as necessary. By submission of a response, Firm affirms that a complete set of solicitation documents was obtained from the eBid System only, and no alteration of any kind has been made to this solicitation. Exceptions or deviations to this proposal may not be added after the due date.

All firms are required to provide all information requested in this solicitation. Failure to do so may result in disqualification of the proposal.

The City reserves the right to postpone or cancel this solicitation or reject all proposals if, in its sole discretion, it deems it to be in the City's best interest to do so.

The City reserves the right to waive any technical or formal errors or omissions and to reject all proposals or to award agreement/contract for the items herein, in part or whole, if it is determined to be in the City's best interests to do so.

The City shall not be liable for any costs incurred by the Firm in preparing proposals or for any work performed therein.

X. Standard Provisions

1. Governing Law

Any agreement/contract resulting from this solicitation shall be governed by the laws of the State of Florida, and the venue for any legal action relating to such agreement/contract will be in Broward County, Florida.

2. Licenses

In order to perform public work, the awarded company/firm shall be licensed to do business in Florida, if an entity, and hold or obtain such Contractor and Business Licenses if required by State Statutes or local ordinances.

3. Conflict of Interest

To determine any possible conflict of interest, each Firm must disclose if any Elected Official, Appointed Official, or City Employee is also an owner, corporate officer, or an employee of the company/firm. If any Elected Official, Appointed Official, or City Employee is an owner, corporate officer, or employee, the Firm must file a statement with the Broward County Supervisor of Elections pursuant to Florida Statute, Section 112.313.

4. Free Workplace

The awarded company(ies)/firm(s) will be required to verify it will operate a "Drug-Free Workplace" as outlined in Florida Statute, Section 287.087.

5. Public Entity Crimes

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity

crime may not submit a proposal on an agreement/contract to provide any goods or services to a public entity, may not submit a proposal on an agreement/contract with a public entity for the construction or repair of a public building or public work, may not submit proposals on leases of real property to public entity, may not be awarded or perform work as a contractor, supplier, sub-contractor, consultant or sub-consultant under agreement/contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Florida Statute, Section 287.017, for Category Two for a period of thirty-six (36) months from the date of being placed on the convicted vendor list.

6. Patent Fees, Royalties, And Licenses

Suppose the awarded company/firm requires or desires to use any design, trademark, device, material or process covered by letters of patent or copyright. In that case, the awarded company/firm and his surety shall indemnify and hold harmless the City from any and all claims for infringement because of the use of any such patented design, device, trademark, copyright, material, or process in connection with the work agreed to be performed and shall indemnify the City from any cost, expense, royalty or damage which the City may be obligated to pay because of any infringement at any time during or after completion of the work.

7. Permits

The Awarded Firm shall be responsible for obtaining all permits, licenses, certifications, etc., required by federal, state, county, and municipal laws, regulations, codes, and ordinances to perform the work required in these specifications and to conform to the requirements of said legislation.

8. Familiarity with Laws

It is assumed the selected company(ies)/firm(s) will be familiar with all federal, state, and local laws, ordinances, rules, and regulations that may affect its/their services pursuant to this solicitation. Ignorance on the part of the company/firm will not relieve the company/firm from responsibility.

9. Withdrawal of Proposals

A company/firm may withdraw its proposal without prejudice no later than the advertised deadline for submission of proposals by written communication to the Procurement and Contracts, 1190 N.E. 3rd Avenue, Building C, Pompano Beach, Florida 33060.

10. Composition of Project Team

Company(ies)/Firm(s) are required to commit that the principals and personnel named in the proposal will perform the services throughout the contractual term unless otherwise provided for by way of a negotiated agreement/contract or written amendment to same executed by both parties. No diversion or substitution of principals or personnel will be allowed unless a written request that sets forth the qualifications and experience of the proposed replacement(s) is submitted to and approved by the City in writing.

11. Invoicing/Payment

All invoices should be sent to the contract's user department. In accordance with Florida Statutes, Chapter 218, payment will be made within forty-five (45) days after receipt of a proper invoice.

12. Public Records

- a. The City of Pompano Beach is a public agency subject to Florida Statutes, Section 119. The awarded company/firm shall comply with Florida's Public Records Law, as amended. Specifically, the Awarded Firm shall:
 - i. Keep and maintain public records required by the City in order to perform the service;

- ii. Upon request from the City's custodian of public records, provide the City with a copy of requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Florida Statutes, Section 119 or as otherwise provided by law;
 - iii. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the agreement/contract term and following completion of the agreement/contract if the awarded company/firm does not transfer the records to the City; and
 - iv. Upon completion of the agreement/contract, transfer all public records in possession of the awarded company/firm at no cost to the City, or keep and maintain public records required by the City to perform the service. If the awarded company/firm transfers all public records to the City upon completion of the agreement/contract, the awarded company/firm shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the awarded company/firm keeps and maintains public records upon completion of the agreement/contract, the contractor/consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the City, upon request from the City's custodian of public records in a format compatible with the City's information technology systems.
- b. Failure of the contractor/consultant to provide the above-described public records to the City within a reasonable time may subject the contractor/consultant to penalties under Florida Statute Section 119.10, as amended.

PUBLIC RECORDS CUSTODIAN

IF THE CONTRACTOR/CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S/CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT/CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:

CITY CLERK

100 W. Atlantic Blvd., Suite 253 Pompano Beach, Florida 33060 (954) 786-4611

RecordsCustodian@copbfl.com

Y. Questions, Communication, and Addendums

All questions regarding this solicitation will be submitted using the Questions feature in the eBid System. Oral and other interpretations or clarifications will be without legal effect. Addendum/Addenda will be posted to this solicitation in the eBid System, and it is the firm's responsibility to obtain all addenda before submitting a response to this solicitation.

Issuing a written addendum or posting an answer in response to a question submitted using the Questions feature in the eBid System are the only official methods for interpretation, clarification, or additional information. If any addendum is issued to this solicitation, the addendum will be issued via the eBid System. Before submitting its response, each firm shall be responsible for contacting the City's Procurement and Contracts Department at (954) 786-4098 to determine if an addendum was issued and to make such an addendum a part of its proposal. Each addendum will be posted to the solicitation in the eBid System.

Z. Protest Procedures

The Protest Procedures established within the Procurement and Contracts Procedures Manual and Section 120.57, Florida Statutes must be followed to file a valid Protest to this solicitation. To be considered, protests concerning the proposed solicitation award must be filed in writing with the Procurement and Contracts Director. They may only be filed by bidders or firms whom the solicitation or award may aggrieve. The initial protest must be addressed to the following:

**Director of Procurement and Contracts,
City of Pompano Beach**

1190 N.E. 3rd Avenue, Building C, Pompano Beach, Florida 33060 FIRM INFORMATION FORM

END OF THE RLI



Florida's Warmest Welcome

Procurement & Contracts Department

Mary Rivero, Director

mary.rivero@copbfl.com

RLI #: RLI25-031 Tentative City Commission Meeting Date*: TBD

RLI Title: Continuing Contracts for Airpark Engineering Services # Notified: 1603 # Downloaded: 28
(CCNA) # of Responses Rec'd: 4 # of "No Bids": 1

For: Engineering RLI Opening Date: 07/29/2025
 (Department)

POSTING OF RFP RECOMMENDATION/TABULATION: RLI Recommendations and Tabulations will be posted in the eBid System, IonWave, and will remain posted for 72 hours. Any person who may be adversely affected by the decision or intended decision shall file a notice of intent to protest in writing within 72 hours of posting the notice of the decision or intended decision. The formal written protest shall be filed within ten (10) days after the date the notice of intent to protest is filed. Failure to file a notice of intent to protest or a formal written protest shall constitute a waiver of proceedings under this chapter. Section 120.57(3)(b), Florida Statutes, states that "The formal written protest shall state with particularity the facts and law upon which the protest is based." Saturdays, Sundays, state holidays, and days when the City is closed shall be excluded from the computation of the 72-hour time period provided. Filings shall be at the office of the Director of Procurement and Contracts, 1010 NE 3rd Avenue, Pompano Beach, FL 33060. Any person who files an action protesting an intended decision shall post with the City, at the time of filing the formal written protest, a protest bond, payable to the City of Pompano Beach, Florida, in an amount equal to one percent (1%) of the estimated value of the contract. Failure to submit the protest bond within the time allowed for filing a bond shall constitute a waiver of the right to protest. Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the protest bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes.

(*) The Cone of Silence, as stated in the RLI, etc., is in effect until the City Commission approves it. The City Commission meeting date stated above is tentative. Confirm with the Purchasing Agent of record for the actual date the Cone of Silence has concluded.

RECOMMENDATION TABULATION

The City of Pompano Beach, Florida, received four (4) responsive proposals for RLI25-031. On 9/23/2025, the Evaluation Committee (Committee) evaluated presentations for RLI25-031, with the following results:

Proposal	Score	Ranking
Billier Reinhart Engineering Group, Inc.	59.50	4th Highest-Ranked Firm
Garver LLC	91.00	3rd Highest-Ranked Firm
HDR Engineering, Inc.	92.75	Highest-Ranked Firm
Kimley-Horn and Associates, Inc.	91.50	2nd Highest-Ranked Firm

In accordance with Section J of the RLI, which states that the Committee may recommend negotiation "with as many ranked responsive firms as it deems appropriate," the Committee approved a motion recommending that the City enter negotiations and proceed with awarding contracts to the three (3) highest-ranked firms: HDR Engineering, Inc., Kimley-Horn and Associates, Inc., and Garver LLC.

By: Jeffrey English Date: 10/2/2025
 Purchasing Agent



RLI25-031 Addendum 2

HDR Engineering, Inc.

Supplier Response

Event Information

Number: RLI25-031 Addendum 2
Title: Continuing Contracts for Airpark Engineering Services (CCNA)
Type: Request for Letters of Interest
Issue Date: 6/24/2025
Deadline: 7/29/2025 02:00 PM (ET)
Notes: The City of Pompano Beach (the "City") is interested in receiving proposals in response to the RLI25-031 for Continuing Contracts for Airpark Engineering Services (CCNA).

Proposers must be registered on the City's eBid System to view the solicitation documents and respond to this solicitation. The complete solicitation document can be downloaded for free from the eBid System at <https://pompanobeachfl.ionwave.net/>. Proposals must bear the electronic signature of an authorized officer of the Proposer who is legally authorized to enter into a contractual relationship in the Proposer's name. THE CITY will consider the submittal of a proposal as constituting an offer by the Proposer to perform the required services at the prices stated herein. The City is not responsible for the accuracy or completeness of any documentation the Proposer receives from any source other than the eBid System. The proposer is solely responsible for downloading all required documents.

Contact Information

Contact: Eric Seifer
Address: Procurement and Contracts
1190 NE 3 Avenue
Building C
Pompano Beach, FL 33060
Phone: (954) 786-4098
Email: eric.seifer@copbfl.com

HDR Engineering, Inc. Information

Address: 3250 W Commercial Blvd
Suite 100
Fort Lauderdale, FL 33309
Phone: (954) 535-1876
Web Address: www.hdrinc.com

By submitting this Response I affirm I have received, read and agree to the all terms and conditions as set forth herein. I hereby recognize and agree that upon execution by an authorized officer of the City of Pompano Beach, this Response, together with all documents prepared by or on behalf of the City of Pompano Beach for this solicitation, and the resulting Contract shall become a binding agreement between the parties for the products and services to be provided in accordance with the terms and conditions set forth herein. I further affirm that all information and documentation contained within this response to be true and correct, and that I have the legal authority to submit this response on behalf of the named Supplier (Offeror).

Wendy Fardanesh

Signature

Submitted at 7/29/2025 11:10:02 AM (ET)

wendy.fardanesh@hdrinc.com

Email

Requested Attachments

Proposal

HDR_RLI25-031_Proposal.pdf

The electronic version of the Letter of Interest must be uploaded to the Response Attachments tab. The file size for uploads is limited to 250 MB. If the file size exceeds 250 MB, the response must be split and uploaded as two (2) separate files.

Project Team Form

HDR_RLI25-031_Project Team Form.pdf

Submit a completed "Project Team" form. This form aims to identify the proposed team's key members, including any specialty subconsultants.

Proposer Information Page Form

HDR_RLI25-031_Proposer Information Page Form.pdf

Audit Financial Statement

HDR_RLI25-031_Section 13-Confidential Financial Statements.pdf

Firms shall provide a complete financial statement of the company's/firm's most recent audited financial statements, indicating the organization's financial condition. Must be uploaded to the Response Attachments tab in the eBid System as a separate file titled "FINANCIAL STATEMENTS" and marked "CONFIDENTIAL."

Qualification of Bidders Form

HDR_RLI25-031_Qualifications of Bidders Form.pdf

W9 Request for Taxpayer Identification Number and Certification

HDR ENGINEERING, INC_W9_2025.pdf

Bid Attributes

1 Drug-Free Workplace

STATEMENT UNDER SECTION 287.087, FLORIDA STATUTES ON DRUG-FREE WORKPLACE
**REQUESTED INFORMATION BELOW IS ON THE ATTRIBUTES TAB FOR THE RFP IN THE EBID SYSTEM.
PROVIDE THIS INFORMATION ELECTRONICALLY.**

Preference must be given to Contractors submitting certification with their bid or proposal, certifying they have a drug-free workplace in accordance with Section 287.087, Florida Statutes. This requirement affects all public entities of the State and becomes effective January 1, 1991.

Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie bids will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

- (1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
 - (2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
 - (3) Give each employee engaged in providing the commodities or contractual services that are under bid, a copy of the statement specified in subsection (1).
 - (4) In the statement specified in subsection (1) notify the employees that as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace, no later than five (5) days after such conviction.
 - (5) Impose a sanction on, or require the satisfactory participation in, a drug abuse assistance or rehabilitation program if such is available in the employee's community, by an employee who is so convicted.
 - (6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.
- As the person authorized to sign this statement, I certify that his company/firm complies with the above requirements.

By choosing YES, I hereby certify that the company/firm complies with all the above requirements

2 Conflict of Interest

For purposes of determining any possible conflict of interest, all bidders must disclose if any City of Pompano Beach employee is also an owner, corporate officer, or employee of their business. Indicate either "Yes" (a City employee is also associated with your business), or "No". (Note: If answer is "Yes", you must file a statement with the Supervisor of Elections, pursuant to Florida Statutes 112.313.) Indicate Yes or No below with the drop down menu.

3 Vendor Certification Regarding Scrutinized Companies Lists (Any Dollar Amount)

Section 215.4725, Florida Statutes, prohibits agencies from contracting (at any dollar amount) with companies on the Scrutinized Companies that Boycott Israel List, or with companies that are engaged in a boycott of Israel. As the person authorized to electronically sign on behalf of Respondent, I hereby certify by selecting the box below that the company responding to this solicitation is not listed on the Scrutinized Companies that Boycott Israel List. I also certify that the company responding to this solicitation is not participating in a boycott of Israel, and is not engaged in business operations in Syria or Cuba. I understand that pursuant to sections 287.135 and 215.4725, Florida Statutes, the submission of a false certification may subject company to civil penalties, attorney's fees, and/or costs.

Certified

4 Terms & Conditions

Check the box indicating you agree to the terms and conditions of this solicitation.

Agree

5 Acknowledgement of Addenda

Check this box to acknowledge that you have reviewed all addenda issued for this solicitation.

Yes



Statement of Qualifications

Continuing Contracts for Airpark Engineering Services Consultant's Competitive Negotiation Act (CCNA) (RLI25-031)

City of Pompano Beach - Pompano Beach Airpark (PMP)

July 29, 2025





Statement of Qualifications

Continuing Contracts for Airpark Engineering Services Continuing Contracts for Airpark Engineering Services Consultant’s Competitive Negotiation Act (CCNA) (RLI25-031)

City of Pompano Beach - Pompano Beach Airpark (PMP)

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Note: Confidential audited financial statements have been uploaded in the eBid System per RLI instructions.

HDR ENGINEERING, INC.

3230 West Commercial Blvd., Suite 400
Fort Lauderdale, FL 33309-3459
954.233.4914

Contact: Raheel Dossani, PE
954.233.4952

Submitted: July 29, 2025

1

LETTER OF TRANSMITTAL





July 29, 2025

City of Pompano Beach
1190 N.E. 3rd Avenue, Building C
Pompano Beach, FL 33060
Attn: Procurement and Contracts Department

RE: Continuing Contracts for Airpark Services (RLI25-031)

Dear Selection Committee Members,

Over the past decade, serving as your on-call engineer, it has been our privilege to support the development and implementation of one of the largest Capital Improvement Plans (CIP) in the history of the Pompano Beach Airpark (PMP). Through this role, HDR has developed an in-depth understanding of your upcoming capital program goals and operational requirements specific to the Airpark. We appreciate the opportunity to continue as your dedicated partner, providing you with local responsiveness combined with industry leading aviation expertise.

We understand that this contract is critical to the success of the Airpark and we are committed to providing you with experts that can deliver the services needed to implement your CIP. Specifically, HDR offers you:



EXPERIENCED LOCAL TEAM SUPPORTED BY NATIONAL AVIATION EXPERTS

Locally, HDR's Aviation practice has served as your on-call engineer for over a decade now. Many of our staff have grown up on your airfield, leading the planning, design and overseeing construction of key airfield safety improvement projects. HDR's offices in South Florida (Fort Lauderdale, Doral, and West Palm Beach) have more than 120 professionals with experience in airfield design, site and utility development, traffic and roadway engineering, environmental services, stormwater compliance, construction administration and inspection, public involvement, and much more. We're eager and ready to tackle any challenge that comes our way.

We also understand that to fully develop and implement your CIP, we need to support our local team with National experts in key areas such as grant funding strategies, development of comprehensive disadvantage business plans and meeting local, state, and federal environmental requirements. As an industry leader in airport design, we are fully equipped to staff multiple concurrent task orders to move your program forward on time. Collectively, we hold more than 85 Aviation On-Call contracts.



QUALIFIED PEOPLE WITH THE RIGHT EXPERIENCE FOR PMP

Your Project Manager, **Raheel Dossani, PE**, will serve as your primary point of contact. During the past 10 years, Raheel has led the planning and design of critical projects for PMP. During HDR's tenure as your consultant, Raheel has developed an understanding of your priorities and goals required to make your Airpark master plan a reality. Raheel knows how to manage an on-call contract with the City of Pompano Beach. He knows first-hand how to quickly partner with PMP Staff to develop the required scope and fee, process required approvals and get to work. **Simply put, Raheel knows your airport and your processes, so there is no learning curve.**

Throughout Raheel's entire career he has successfully partnered with airport clients to deliver tasks and projects through on-call contracts and understands it takes a diverse team. In addition to the projects that he had delivered for you, he has successfully delivered over \$80 million in airfield improvement projects at General Aviation facilities for Fort Lauderdale Executive and Miami Executive airports. Relying on this experience, he has assembled the right team of resources to successfully deliver any task order and is excited to partner with you to continue developing and delivering your CIP.



Raheel Dossani, PE Project Manager

"In leading the amazing team that we have assembled, I am 100% committed to this new contract's success. I look forward to solving the challenges that lay ahead and continuing to bring our expertise to the Airpark's team."



HDR has successfully delivered hundreds of projects through 12 on-call contracts at 15 Florida airports in the past 10 years.



To support Raheel, we are committed to continuing to provide you with people you have gotten to know over our past years of service. This includes **Tim Fish, PE**, to advise on delivery of infrastructure, **Will Bowdoin, PE**, for civil airfield design, **David Romano, PE**, to manage and oversee construction activities, **Mark Day, PE, AAE**, for grant support, and **Mike Washington** for DBE/MBE services. The HDR team will be supported by **Will Suero, PE**, HDR South Florida's Senior Vice President and Principal in Charge. Will has 24 years of experience with HDR and will be an outlet for PMP leadership, as well as Raheel and the full HDR team, to verify that all resources are provided and our quality program standards are met on all assignments. We also look forward to providing PMP with airport experts in public involvement, cost estimating, and procurement support, just to name a few, if needed.



THE LOCAL TEAM COMMITTED TO POMPANO'S SUCCESS.

When we assembled our team, our focus was on finding partners who share our commitment to the success of PMP and the Pompano Beach community. Each of the firms we have selected to partner with on this contract brings a culture of technical expertise and a proven history of putting their clients first. We have over 100 years of combined experience with our partners through long-standing, strategic partnership with these firms. This includes **KEITH & Associates, Inc.**, who brings senior leadership with long-term relationships, and utility design experts that will strengthen our deep bench of civil support resources. We have also partnered with **Chen Moore and Associates, Inc.**, who will assist in updating the stormwater master plan.

We have bolstered our team with local DBE subconsultants (**Cyriacks Environmental Consulting Services, Inc.**, **CRJ & Associates, Inc.**, **Hammond & Associates, Inc.**, **McFarland Johnson, Inc.**, **Quantum Electrical Engineering, Inc.**, and **Tierra South Florida, Inc.**) who have a long history of delivering quality work in Broward County and with HDR.



COMMITMENT TO DBE SUPPORT AND MENTORSHIP

We understand the importance of the DBE program and the impact that it can have on the community. More than just committing to exceeding your DBE goals, we are dedicated to partnering with our identified DBE partners in meaningful ways to help expand their services and grow their businesses. We've developed excellent long-term working relationships with our DBE partners. PMP will benefit from the trust we have developed in each other through successfully delivering projects for you and throughout South Florida.

The partnership between HDR, a nationally recognized transportation and airports expert, and the above-mentioned firms, puts our team in an optimal position to provide strong technical skill sets, a deep bench, and unmatched client service to the Airpark for several years, whether in support of a single task, or multiple large, simultaneous tasks. We are proud that we have had the opportunity to partner with PMP and City staff in reviewing your current CIP and assisting in the development of a comprehensive DBE program that provides meaningful participation opportunities for DBE firms.

We know that, through the years, the type of work for the Airpark may vary and we are prepared to provide you with a multi-service team of professionals ready and capable of serving the Airpark and its community, regardless of the evolving challenges and needs.

Sincerely,

HDR

Will Suero, PE, SVP
Principal in Charge

Raheel Dossani, PE
Project Manager

Jeffrey B. Arms, Vice President,
will be authorized to make
representations for HDR.

(954) 233-4914
Jeff.Arms@hdrinc.com.

2

TECHNICAL APPROACH



2. Technical Approach



We understand that as your consultant, you need support through the entire life cycle of each project. This includes working with you to identify critical projects, develop a holistic approach to planning and developing grant funding strategies, delivering high quality design documents and providing boots on the ground throughout construction and project close out. We understand based on your current CIP, that your consultant will be planning, designing, and constructing projects concurrently.

We organized the scope of work provided on page 3 of the RLI into 3 primary phases. Our approach to each is provided in detail below.



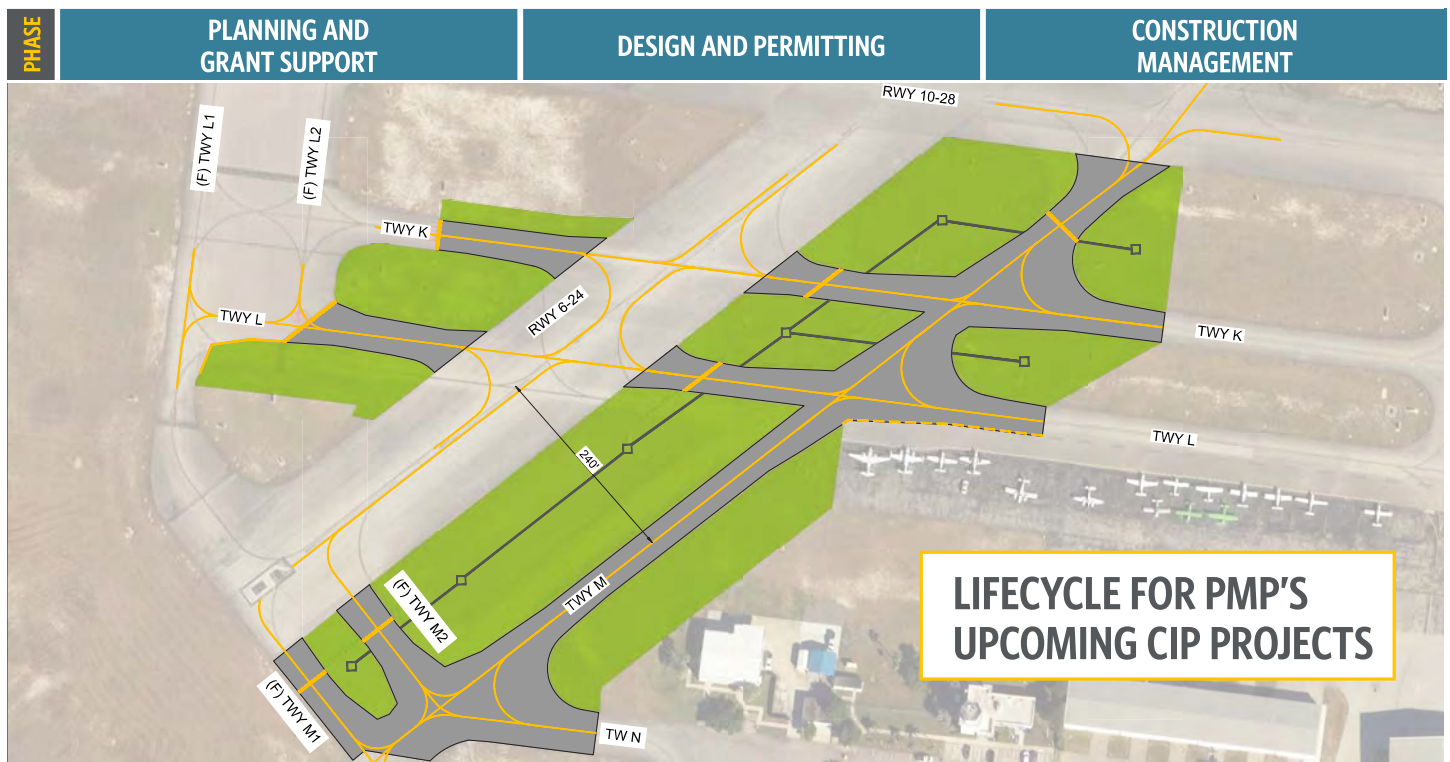
PLANNING AND GRANT SUPPORT



DESIGN AND PERMITTING



CONSTRUCTION MANAGEMENT



CHALLENGES AND SOLUTIONS

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> • Challenge: Obtain Federal Funding for upcoming CIP projects. • Solution: Commence NEPA efforts 18 months in advance of the final grant application. • Proof: HDR recently assisted the Airpark in securing over \$6 million in federal funding for the design and construction of the critical Runway 10-28 Rehabilitation project. Our team initiated the necessary programming efforts a full 18 months before the final grant applications were due. | <ul style="list-style-type: none"> • Challenge: Implement long-term improvements that enhance future safety and efficiency without causing significant disruption to airport operations. • Solution: Based on our intimate knowledge of PMP aircraft operations, prepare a phased construction approach which allows for large work areas while maintaining key sections of the airpark to remain operational while work progresses on others, which allows for overall construction performance. • Proof: Raheel conducted multiple phasing workshops with Airport Leadership on the design of the Runway 28 extension and the Runway 10-28 Rehabilitation projects, which ultimately maximized aircraft operation routes and minimizing disruption. | <ul style="list-style-type: none"> • Challenge: Maintain construction project schedule to open airfield facilities in a timely manner. • Challenge: Proactively work with contractor to identify upcoming potential issues and provide a resolution before it impacts critical path. • Proof: Raheel regularly conducted site visits during the construction of the Runway 28 Extension project, collaborating closely with the contractor to proactively identify and resolve potential issues. This resulted in fewer than 5 RFIs throughout the entire project and contributed to the construction being completed six weeks ahead of schedule. |
|--|---|--|



Planning and Grant Support

Since the completion of the PMP Master Plan Update in 2021, HDR has worked closely with PMP leadership to develop and update the CIP annually. As operational needs and priorities evolve year to year, HDR and PMP leadership meet each November to revisit the CIP project list and schedule, supporting alignment with current conditions and long-term planning goals.

Beginning in 2022, HDR has assisted PMP in prioritizing projects from the master plan and preparing funding strategies tailored to each project's scope. HDR then coordinates with both the FAA and FDOT to position the Airpark competitively for state and federal grants by identifying eligible projects, aligning scopes with funding requirements, and developing strategic phasing plans.

HDR has supported PMP in securing agency funding for several key CIP projects, including:

- Runway 28 Safety Enhancements - Construction (\$4.1M)
- Runway 10-28 Rehabilitation and Taxiway A Expansive Pavement Corrections - Design (\$647K)
- Runway 10-28 Rehabilitation - Construction (\$5.1M)
- Taxiway A Expansive Pavement Corrections - Construction (\$717K)

Looking ahead, HDR continues to support PMP in obtaining agency funding for upcoming priorities, such as:

- Taxiway M Improvements and Hot Spot 1 Mitigation - Design and Construction
- Runway 6-24 Rehabilitation - Design and Construction

Proactively Managing Schedules

We schedule planning tasks to be completed in early November of each year, before preliminary grant applications are due to the FAA in December. Our team can then move into design work, allowing the construction phase to be completed the year after the planning work, with no delay in between. Having designs "on the shelf" maximizes the airport's opportunity to use available entitlement funding and strategically positions the project to compete for discretionary funds.

PROOF: HDR's grant experts, **Susan Rich and Mark Day**, bring extensive experience working with multiple FAA Airport District Offices (ADOs) and state agencies such as FDOT. In 2022, HDR secured a \$400,000 FAA design grant for the Runway 28 Safety Enhancements project within just two weeks—supporting both airport growth and improved operational safety.



In addition, HDR identified \$295,000 in unused IJJA-AIP funds allocated to the Airpark that were set to expire in 2025. Collaborating with the FAA, HDR proposed applying these funds toward the Taxiway A Expansive Pavement Corrections Construction project. The FAA concurred, recognizing the project as highly competitive for IJJA-AIP funding.

HDR submitted the pre-grant application on behalf of the Airpark in March 2025 to formally express the intent to use the IJJA-AIP funds. PMP was awarded \$717,250 in July 2025 for the Taxiway A Expansive Pavement corrections construction project.

HDR FAA Grant Statistics - Pompano Beach Airpark



Recent Experience of the Firm

Raheel led the design of a \$13.1M construction project at the Miami Executive Airport (TMB) dealing with the Runway Incursion Mitigation (RIM) and Hot Spot 1 mitigation and delivered bid documents to the Owner within 6 months of NTP to meet grant deadlines. This allowed the Airport to obtain grant funding before the grant expired.

Raheel also led the design of the \$800,000 RIM construction project at Fort Lauderdale Executive Airport (FXE), and delivered construction documents to the Owner within 15 business days of NTP which allowed the Airport to be eligible for CAREs funding for the construction of that project.



PM SPOTLIGHT: Raheel understands the need to put together a strong team that can deliver multiple projects on schedule so the Owner can meet grant deadlines.

Qualifications of Personnel

HDR's grant support lead, Mark Day, managed approximately \$300 million in capital projects during his tenure as Vice President of Planning and Development at Blue Grass Airport (LEX). He obtained a variety of grants from the FAA and the Kentucky Department of Aviation to support airside and landside projects for commercial and general aviation improvements.



Since 2007 Susan Rich has secured over \$125 million in federal grant funding for many general aviation airports like yours. With more than 30 years in the aviation industry, she will leverage her experience with the FAA and FDOT staff to secure grant funds for the Airpark.



◀ Miami Executive Airport (TMB)
Runway Incursion Mitigation (RIM)

Fort Lauderdale Executive Airport (FXE)
Runway Incursion Mitigation (RIM) ▶

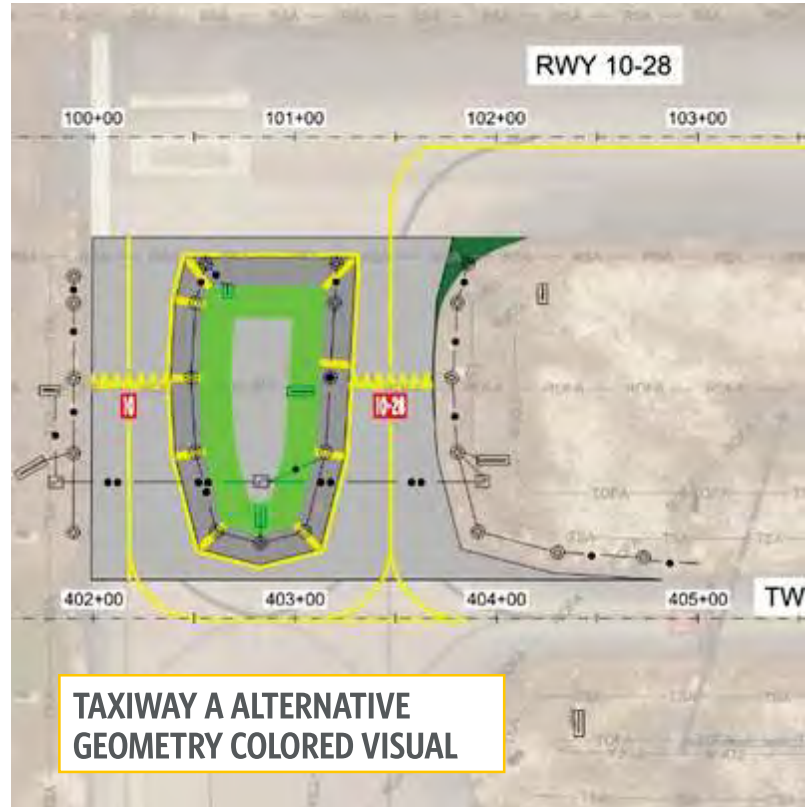




Design and Permitting

The design phase is the Airpark's opportunity to more precisely implement its vision for upcoming improvements. HDR promotes active owner engagement throughout the process by hosting regular in-person design review meetings, conducting site visits, and incorporating lessons learned from prior projects through debriefs.

To enhance clarity and streamline decision-making, we use color graphics and rendered videos to depict portions of the project that require decision making from PMP leadership to give you the best understanding of how your facility will be impacted, and how you can expect it to function when construction is completed. **The image to the right was used to visualize how the correction of expansive pavement on Taxiway A at PMP would function upon completion.**



TAXIWAY A ALTERNATIVE GEOMETRY COLORED VISUAL



Maintaining Time Schedules and Cost Control:

Our design process emphasizes early communication and stakeholder input during the initial design phase, helping to minimize the risk of costly redesigns and change orders during construction.

Stormwater

PMP's stormwater infrastructure is guided by the Stormwater Master Plan prepared in December 2010. HDR is intimately familiar with this Plan and the associated Stormwater Management Model (SWMM), which was used for the design of the Runway 28 Safety Enhancements project. HDR has full access to the model and its supporting data. Since 2019, HDR has updated and maintained PMP's master drainage SWMM model to reflect all HDR-designed improvements. HDR has partnered with Chen Moore and Associates (CMA) who will assist in updating the stormwater master plan. CMA has a long history of serving the City of Pompano Beach and has recently updated their stormwater master plan. CMA is already familiar with City staff and is ready to seamlessly transition into updating the Airpark's Stormwater Master Plan in preparation for upcoming development at the Airpark.



Maintaining Time Schedules and Cost Control:

Our team's prior experience resolving SWMM import errors and validating its functionality eliminates the learning curve, allowing HDR to work efficiently within the existing framework—saving time, reducing costs, and accelerating the design schedule for the Airpark.



PM SPOTLIGHT: During Raheel's recent experience with the design of the Runway 10-28 Rehab project and presenting alternate geometry options, he developed color visuals (like the one above) that make it clear for Airport leadership to make a decision.

Permitting

While the Airpark operates independently of most City functions, it does need expertise in permitting of landside projects. Certain FAA requirements apply to the landside projects as well.

We demonstrate our knowledge of both through the permitting table to the right.

PROOF: HDR designed the 'Parcel Y Access Road' project for PMP with a dry run building permit review incorporated. This review captured critical Fire Department input that allowed us to tweak the design prior to bidding, **saving thousands of dollars and weeks of construction change orders.**



Maintaining Time Schedules and Cost Control:

Typically, the contractor applies for building permits after project award. Understanding that the building permit review process can generate changes to the plans, we submit a 'dry run' building permit application to the City prior to bidding of the plans. This proactive approach minimizes delays and construction change orders, ultimately saving the Airpark money.

PERMIT	TRIGGERING EVENT
City of Pompano Beach	
Site Plan Development Order	>10,000 square feet of new nonresidential space
Building Permit (Zoning, Structural Foundations, Mechanical, Electrical, Plumbing, HVAC, Fire Suppression, Fueling)	New buildings and infrastructure
Tree Removal License	Demo of existing trees
Broward County Environmental Protection and Growth Management Department (BCEPGMD)	
Surface Water Management License Modification	Additional impervious area
Florida Department of Environmental Protection (FDEP)/ Broward Department of Health	
Notice of Intent to Use the General Permit for Construction of Water Main Extensions for Public Water System Supervision	Construction of water main 8" or larger
Notice of Intent to use the General Permit for Constructing a Domestic Wastewater Collection/Transmission System	Construction of a wastewater collection system
Generic Permit for Stormwater Discharge	Disturbance of > 1 acre
South Florida Water Management District (SFWMD)	
Consumptive Use Water Permit (Dewatering)	Construction below the water table
Broward County Water and Wastewater Services (WWS)	
Utility Connection Permit	Connection to potable water and wastewater systems
Federal Aviation Administration (FAA)	
Obstruction Evaluation/Airport Airspace Analysis (OE/AAA) Form 7460	Airspace impacts, temp during construction and final after project complete
National Environmental Policy Act (NEPA)	Federally funded projects

Recent Experience of the Firm

Over the past five years, HDR has served as the prime design consultant on 35 airport general consulting contracts. We currently have active contracts at 10 Florida airports. Our planners, engineers, and architects also currently serve DOTs, fixed based operators, and regional airport authorities in 22 US states and in Canada.

Qualifications of Personnel

Project Manager Raheel Dossani is serving on the Airpark's general consultant team and has experience with PMP for the past 9 years.





Construction Management

We understand that construction at Pompano Beach Airpark is critical to aircraft operations. With this in mind, HDR develops the construction phasing work to minimize operational disruptions while maintaining contractor flexibility. During design, HDR will collaborate closely with the Airpark Manager, Air Traffic Control, and maintenance staff to develop phasing plans that keep the airfield functioning safely and efficiently. Our experts have already started developing phasing concepts for the upcoming Taxiway M realignment project, as shown below, and they are presented in a way which makes it easy for Airport Operations and stakeholders to provide feedback on construction phasing. Further, design elements are often tailored to attract competitive contractor interest.



Maintaining Time Schedules and Cost Control:

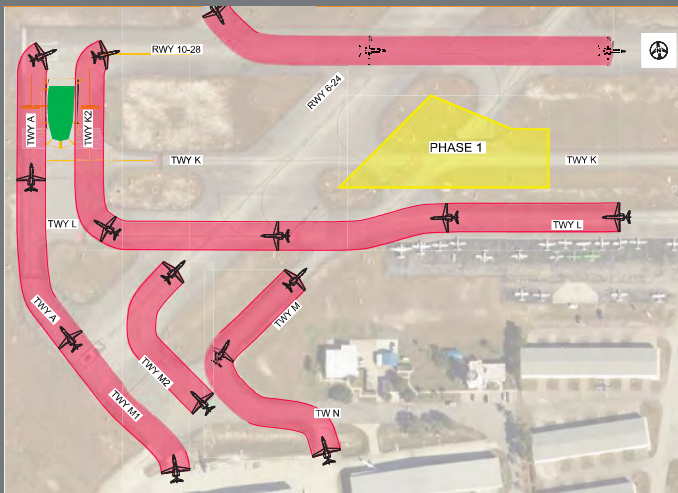
HDR Project Manager, Raheel Dossani, plays an active role during construction. He regularly attends construction meetings, reviews progress reports, and is located 20 minutes away from the Airpark to be present in person to address unforeseen conditions or design-related questions promptly—making sure the project stays on schedule and within budget.



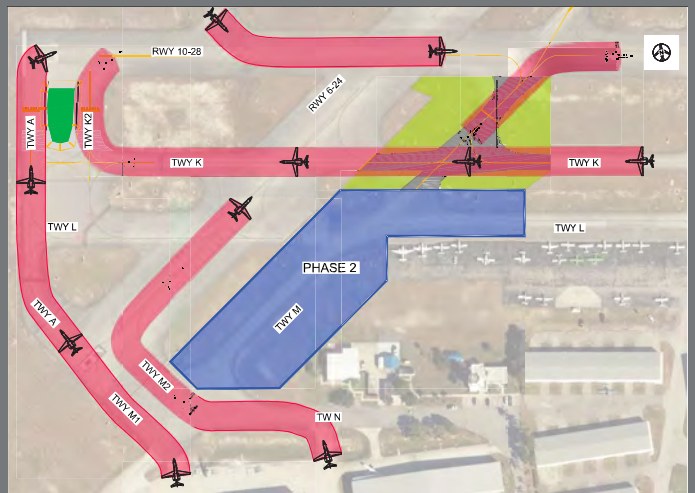
EXPERT SPOTLIGHT: Giadha Colome developed the phasing plans for your upcoming Runway 10-28 rehabilitation construction project, and was the RPR on your Runway 28 extension project.

She developed an understanding of critical taxiways and runways that need to be accessible at all times to minimize airport operation disruptions.

CONSTRUCTION PHASING FOR TAXIWAY M REALIGNMENT



PHASE 1

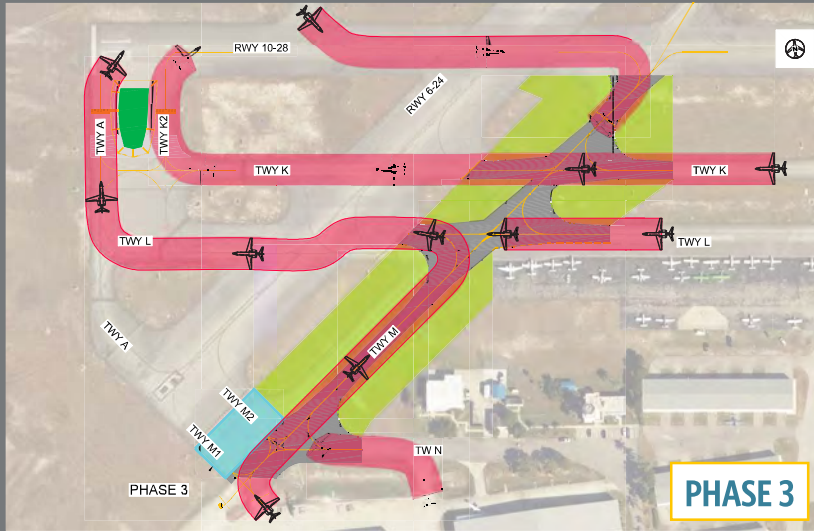


PHASE 2

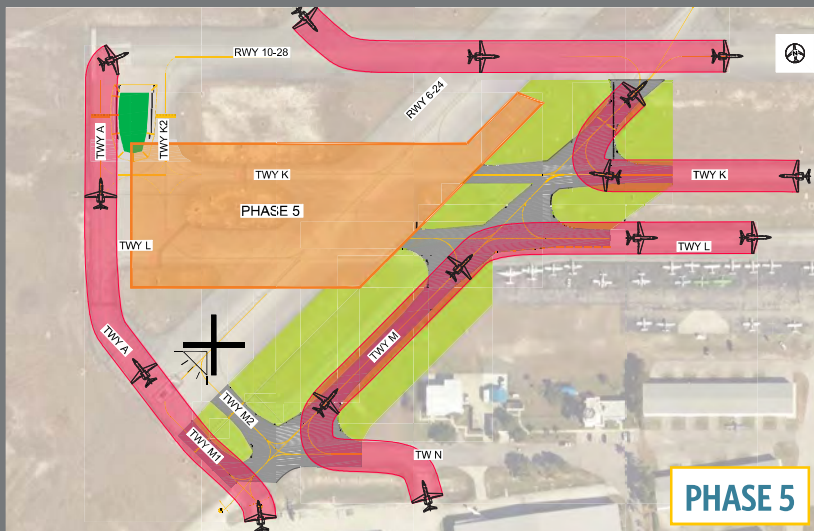
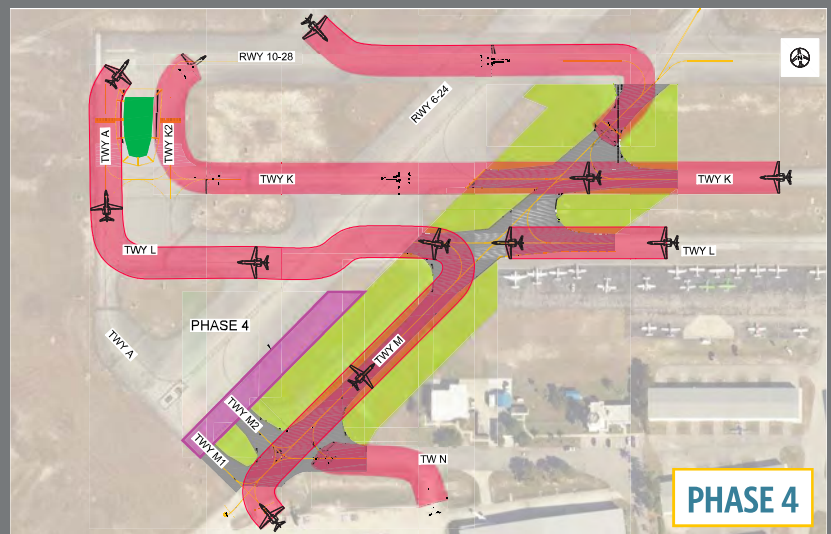
PHASES 1 AND 2:

Maintain at least 1 east-west taxiway to access Runway 10. Maintain airfield access for Daher, Pompano Aviation, and American Flyers on the southwest side of the airfield.

CONSTRUCTION PHASING FOR TAXIWAY M (continued)



PHASES 3, 4, AND 5: Maintain airfield access for Daher, Pompano Aviation, And American Flyers on the southwest side of the airfield to Runway 10.



Prior Experience of the firm

Raheel recently managed the construction of the Runway 28 Safety Enhancements project. The construction of the project was completed ahead of schedule and within budget, avoiding the need for the Airpark to request additional funds. During construction, Raheel also identified items within the project limits that were not included in the design to be corrected while the contractor was already on site.

During the design of your Runway 10-28 rehabilitation project, Raheel's task lead, David Romano, was leading the construction management of your Runway 28 safety enhancements project with Raheel's oversight.

Qualifications of Personnel

Project Manager Raheel Dossani serves as HDR's construction administration expert for all Florida airport projects. Raheel utilizes tools like NewForma and Procore to enhance communication and streamline paperwork, reducing the workload on your staff.



Raheel will designate Shaun Cruz and Giadha Colome, who have served as Resident Project Representatives (RPR) for the Runway 28 Safety Enhancements project and are familiar with the layout of the Airpark and airport operations, to continue serving as RPR's for upcoming construction projects.



EXPERT SPOTLIGHT: David Romano, HDR's Construction Management task lead, requires his field staff to prepare detailed daily inspection reports, allowing both HDR and the Airpark to monitor progress and address issues remotely, without requiring your staff to be on-site daily.



◀ Runway 28 Safety Enhancements



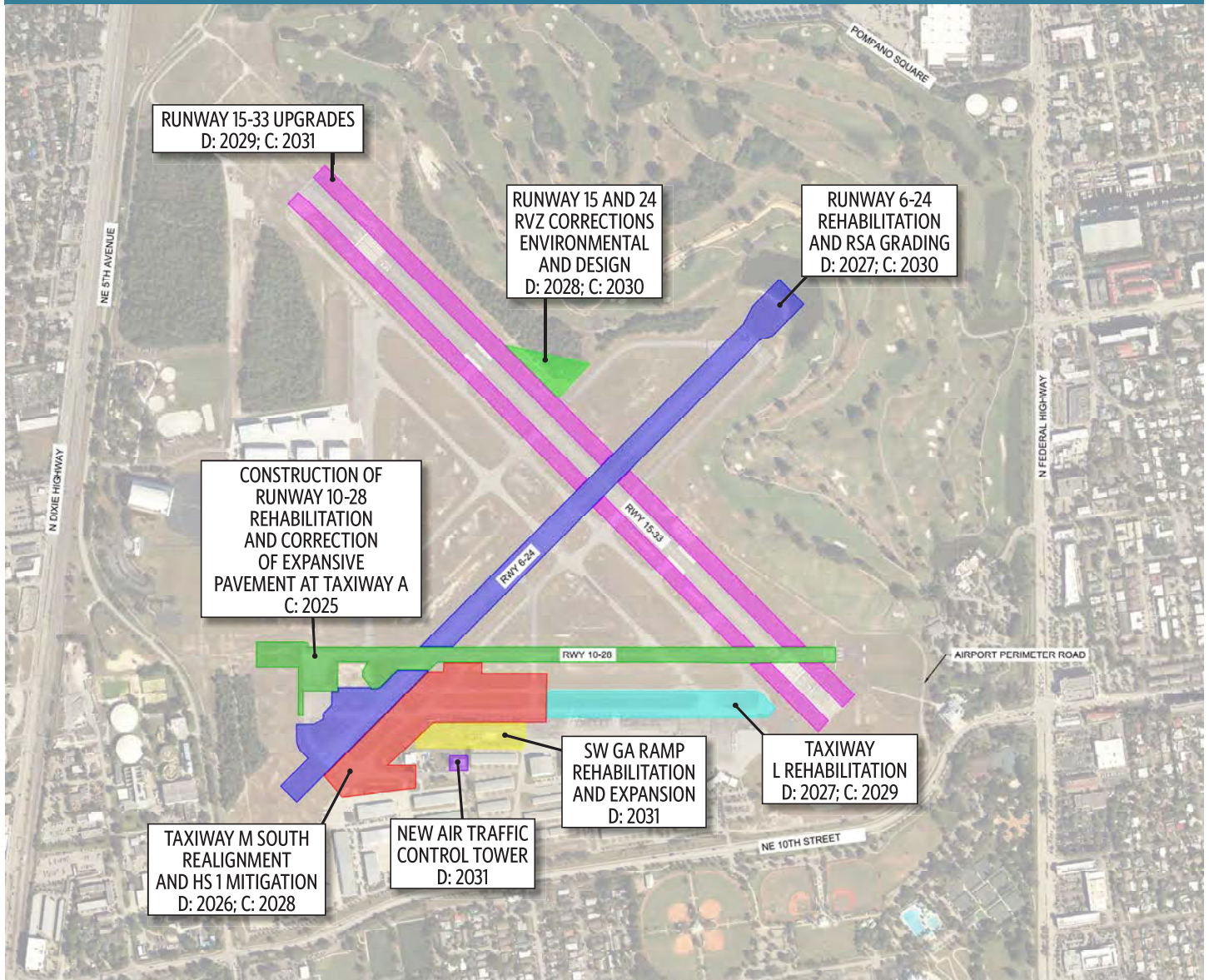
Runway 10-28 Rehabilitation ▶



SPECIFIC PROJECT APPROACHES

While the scope is comprehensive to capture any planning and design needs, we understand your capital plan and its highest priority projects. With HDR's years of experience serving PMP, and our project manager's experience serving you, we have put together a technical approach for the work program we anticipate for the next 5 years. In this approach, we'll present the technical challenges, our approach to solving them, and how we will maintain time schedules and cost controls.

Detailed project approaches are provided on the following pages.



1 Taxiway M South Realignment and Hot Spot 1 Mitigation

CHALLENGE

We understand the goal of the Taxiway M and Hot Spot 1 Mitigation is to improve safety by providing a compliant intersection at Taxiway L and Taxiway K on Taxiway M. In addition, it is to provide a compliant Runway 6-24 and Taxiway M separation of 240 feet which reduces risk of runway incursions and improving overall operational safety.



The current airfield geometry at the intersection of Taxiways K and L with Runway 6-24 and Taxiway M, located on the southwest side of the airfield, creates an area of wide, non-standard pavement that contributes to Hot Spot 1—a known pilot safety concern identified by the FAA. These expansive paved areas and non-standard intersections can lead to pilot confusion and loss of situational awareness, increasing the risk of runway incursions.

Compounding this issue, Taxiway M south of Runway 10-28 does not meet FAA-required runway-taxiway separation standards. This non-compliance presents a risk of pilot misjudgment—particularly in low visibility conditions, potentially resulting in unauthorized runway entry or near-miss events. Additionally, the entrance to Runway 6 includes excessive pavement that does not conform to current FAA airfield design best practices as it can cause pilot's loss of situational awareness.

While these conditions align with the FAA's Airport Improvement Program (AIP) safety priorities, funding is typically allocated on a segmented, project-by-project basis. Developing a strong case for funding justification is needed.

SOLUTION

HDR proactively collaborated with Steve Rocco, Airpark Manager, to develop a comprehensive project scope that strategically bundles three critical safety components:



1. The realignment of Taxiway M south of Runway 10-28 to meet FAA separation standards.
2. The mitigation of Hot Spot 1 through removal and reconfiguration of non-standard pavement geometry at Taxiways K and L.
3. The correction of excessive pavement at the Runway 6 threshold in accordance with current FAA airfield design best practices.

- **Estimated Construction Value:** \$9.7M
- **Funding Source:** FAA Entitlement and FAA AIP
- **Discretionary Planning and Grant Support:** 08/2025
- **Design and Permitting:** 09/2026
- **Construction:** 09/2028

Recognizing the importance of aligning capital planning with funding opportunities, Steve entrusted HDR to assist in updating the Airpark's JACIP database—a tool used by Florida airports to synchronize projects with state and federal funding cycles. HDR reviewed and updated PMP's five-year CIP within JACIP to reflect the bundled project approach and support proper positioning for AIP consideration.

Following the JACIP update, FAA Community Planner Marisol Elliott reached out directly to Raheel—further demonstrating Steve's confidence in HDR—to inquire about the cost of addressing the Hot Spot. Raheel coordinated closely with Steve, prepared a cost estimate and supporting exhibit, and presented the case that isolating the Hot Spot would be inefficient and less effective from both safety and funding standpoints. Marisol responded positively, noting that the exhibit clearly supported the full project scope. In a subsequent meeting, Marisol confirmed that the bundled project would likely receive a high priority ranking for AIP funding for both design and construction.

A critical component for PMP to be eligible for AIP grant funding is compliance with the National Environmental Policy Act (NEPA) for this project. Noemi Castillo, PE, PMP, has already initiated coordination by meeting with the FAA's environmental protection specialist to discuss this project. Based on that discussion, the FAA advised that the project qualifies for a short-form categorical exclusion, which must be completed and approved before the Airpark becomes eligible for FAA funding for this project.



EXPERT SPOTLIGHT: Noemi Castillo has already collaborated closely with the FAA's environmental specialist to discuss the NEPA approaches for your upcoming 5-year CIP projects.

By addressing these interconnected elements in a single, cohesive project, HDR's approach supports the airfield's operational safety enhancements, leads to safer pilot navigation, and reduces long-term maintenance burdens. Just as importantly, HDR has framed the project to align clearly with FAA priorities under the AIP, demonstrating how the bundled improvements serve a unified safety objective rather than isolated upgrades.

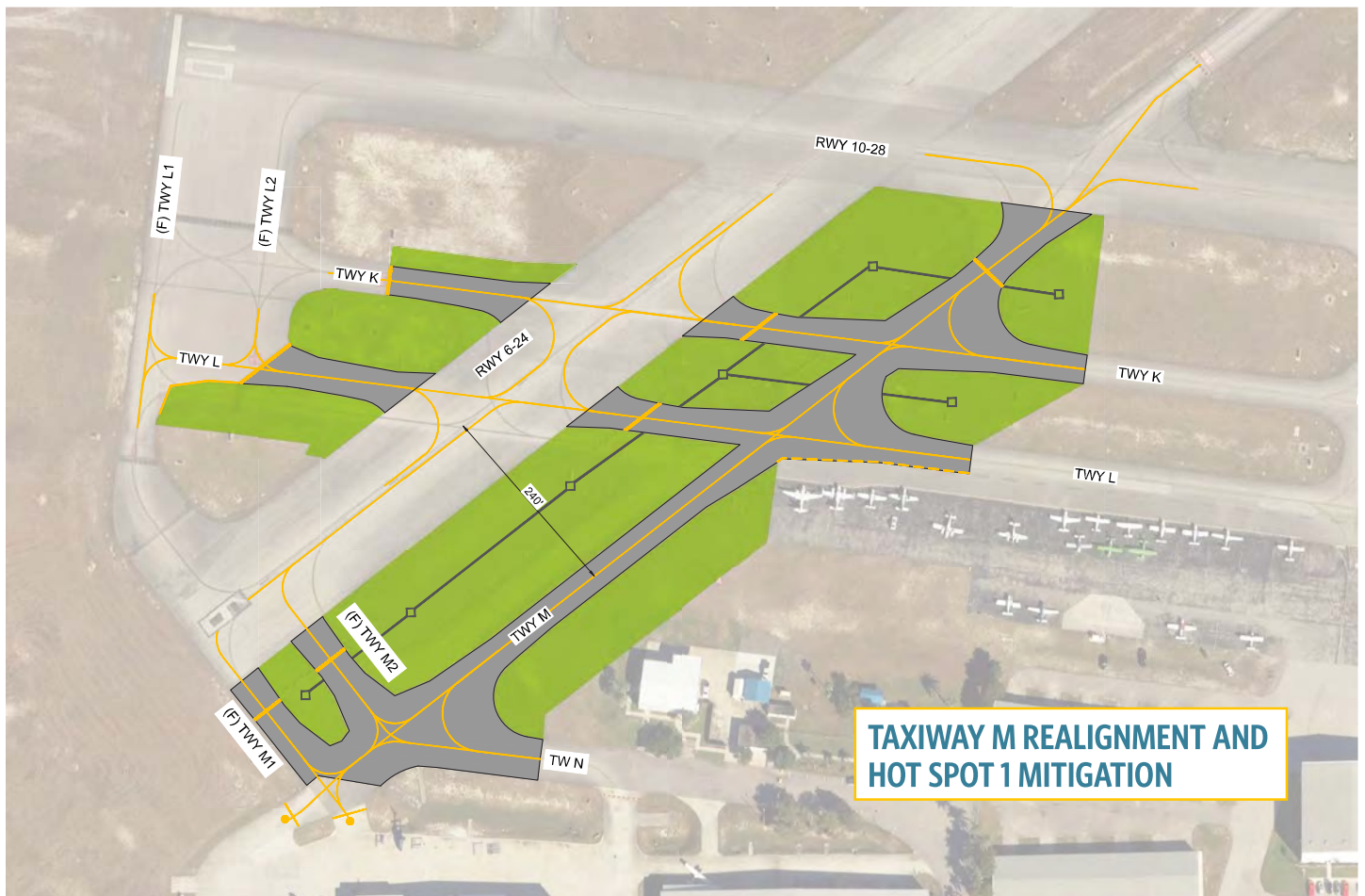
OUTCOME

Through HDR's knowledge of FAA funding sources and coordination with both PMP leadership and FAA representatives, the City is positioned to secure AIP funding for this project.



The project has gained FAA support at both the planning and environmental levels, with confirmation that it qualifies for a short-form categorical exclusion—significantly reducing the timeline for environmental approval.

PROOF: At PMP, Raheel successfully bundled two previously separate efforts—the rehabilitation of Runway 10-28 and the correction of wide, non-standard pavement along Taxiway A—into a single, unified project. Raheel and Susan Rich worked closely with the FAA during the scope preparation phase and FAA pre-application period which resulted in the project receiving FAA grant funding for design, capturing two funding sources for construction: AIP Discretionary funding for Runway 10-28 and IJJA–Airport Infrastructure Grant (AIG) funding for Taxiway A.



2 Runway 10-28 Construction

CHALLENGE

As your lead designer for this project, we understand that an important aspect of this project is to manage the contractor, maintain compliance with grant requirements, and provide field staff that is well versed with airfield safety and operations. Construction on PMP's primary runway presents a significant challenge for the City without experienced technical support. The rehabilitation of Runway 10-28 and the correction of wide, non-standard pavement along Taxiway A will be constructed using federal grant funding obtained under this continuing services contract. While this funding enables essential infrastructure improvements, it also introduces a high level of administrative and technical oversight that the City must comply with to remain in good standing with the FAA and FDOT.

Specifically, the project needs to be constructed in compliance with FAA Advisory Circulars and technical specifications, and the City needs to assign a RPR who is well-versed in FAA standards. In addition, the project includes rigorous federal reporting and compliance requirements: review of DBE forms with each pay application, submission of quarterly DBE monitoring reports to FAA, monthly project progress reports to FAA, quarterly status updates to FDOT, coordination with FAA for new NAVAID installation and flight checks, and Title VI compliance under the Civil Rights Act of 1964.

SOLUTION

HDR is uniquely positioned to manage the construction of the PMP's primary runway—while achieving construction quality, compliance with grant assurances, and schedule performance. HDR has already led the design phase of the Runway 10-28 rehabilitation with alignment to current FAA specifications and funding requirements. Our team brings deep experience in understanding of the project, FAA-funded airfield construction and is fully prepared to provide on-site RPR services with personnel who are well-versed in FAA Advisory Circulars, technical specifications, and DBE compliance processes.

HDR will also work closely with the contractor to highlight the project items that need to be completed during the mobilization period to allow the contractor to commence construction on schedule and will work with the contractor during construction to resolve issues on site that may affect the project schedule – allowing PMP to have their primary runway operational to air traffic within schedule.



- **Estimated Construction Value:** \$5.2M
- **Funding Source:** FAA Entitlement, FAA AIP Discretionary, and BIL-IIJA
- **Construction:** 09/2025

By combining technical oversight with administrative expertise, HDR streamlines communication between the City, FAA, FDOT, and contractors—verifying the project is constructed to FAA standards, grant obligations are met, and PMP retains eligibility for future federal funding opportunities.



EXPERT SPOTLIGHT: During the construction of the Runway 28 extension project, Shaun Cruz worked closely with the contractor's field superintendent on verifying quantities on a daily basis, which allowed for HDR and the City to process pay applications in a timely manner.

OUTCOME

With HDR leading construction support and federal grant compliance, City staff have an experienced partner to oversee a unique construction project, allowing them to focus on their day-to-day tasks. HDR's proactive management of DBE documentation, FAA and FDOT reporting, and agency coordination will reduce the administrative burden on City staff and minimize risks of funding delays or audit findings.



EXPERT SPOTLIGHT: During the construction of the Runway 28 extension project, Mike Washington identified a DBE non-compliance by the contractor and provided actionable solutions to Dr. Tammy Good and Gary Eagle which kept the City compliant for the federal grant.

PROOF: Raheel and David Romano managed the construction phase services for the Runway 28 Extension project at PMP, a federally funded effort that spanned over eight months. During this time, HDR worked closely with the contractor to identify and expedite critical submittals necessary to keep the project on schedule. Mike Washington also reviewed all DBE documentation, flagged non-compliant submissions, and provided actionable recommendations to City staff to facilitate timely resolution. In addition, HDR maintained all required grant assurance documents in accordance with FAA protocols.



When FAA requested documentation from the City, the finance department relied on HDR to provide the necessary records the same day—demonstrating the team's diligence, organization, and responsiveness.

Mark Day brings extensive experience managing FAA grant compliance from his previous leadership role at Blue Grass Airport (LEX) in Lexington, KY. He will support the team, helping PMP continue to meet all FAA requirements throughout the construction phase, protecting current and future federal funding. Further, he led strategic efforts to position various runway, taxiway, hangar and safety improvements with agency priorities, thus maximizing discretionary funding. Mark has also facilitated training on FAA grant conditions and their impact to other airport operational functions.



3 Master Stormwater Management Plan

CHALLENGE

A properly prepared Stormwater Management Plan can provide many benefits to an airport like PMP. The master model created can aid design teams to quickly perform required water quality and quantity requirements, thus reducing required design time and more efficiently obtain permit approvals. It can also aid PMP in determining critical stormwater projects and position for possible FDEP grant funding.



PMP's Stormwater Master Plan needs to be assessed to determine the locations where runoff from adjacent properties is coming onto the Airport property. Critical to this assessment will be the analysis of the Airport property boundary. A current issue facing PMP is the need for a Conceptual Environmental Resource Permit (ERP) that will provide guidance for future development so that PMP can maximize the Airpark's developable areas.

SOLUTION

This assessment will contain records review and interviews with Airport staff that will be verified by a field visual inspection. The assessment will require close coordination with regulatory agencies.



As PMP's General Engineering Consultant, we've developed an in-depth knowledge of your facility. Raheel has been successfully delivering planning and design work at PMP for over 6 years, including work on several recent tenant developments. In addition to our team's knowledge of your existing facilities, our team member, Chen Moore and Associates, prepared the Stormwater Master Plan for the City of Pompano Beach.

- **Estimated Construction Value: \$9.7M**
- **Funding Source: FDOT**
- **Planning and Grant Support: 10/2026**
- **Design and Permitting: 09/2026**

OUTCOME

A conceptual ERP is not a design document, but a guide for future design. It is only of use when future conditions can be reliably forecast. Coincidentally, there are several efforts currently underway which will shape the future of the Airport. HDR will leverage its understanding of these concurrent efforts to create an integrated stormwater management plan.



HDR assists by managing the CIP program for the Airpark and has a comprehensive understanding of the future layout of the Airpark's buildings and pavement networks, as well as the schedule for when those future developments are constructed. Some decisions made during the CIP projects update affect the stormwater management plan. HDR has the unique ability to seamlessly coordinate information between the CIP projects update and the stormwater management plan.

PROOF: HDR assisted the Broward County Aviation Department (BCAD) in development of their Master ICPR Model and management of their Master Drainage Permit for the Terminal 4 Apron Civil Works and Terminal 1 Modernization Program. For both of these projects, HDR performed hydraulic modeling utilizing the airports master stormwater model to obtain required ERP form both BCEPGMD and SFWMD.



4 Runway 6-24 Rehabilitation

CHALLENGE

We know this project is near and dear to Steve and we are excited to partner with the Airpark and aligning them with the federal funding opportunity for design and construction to make Steve's vision a reality. Runway 6-24, while essential for small aircraft operations and crosswind accessibility, may not rank highly for discretionary funding when compared to larger commercial service airports. PMP has historically faced challenges securing adequate FAA and FDOT funding due to its general aviation classification and low prioritization in statewide funding evaluations.

As the pavement conditions continue to deteriorate, further delays in rehabilitation increase the risk of operational disruptions and higher long-term repair costs.

SOLUTION

The City must develop a funding strategy that elevates the importance of this project within FAA and FDOT prioritization frameworks—despite competing infrastructure needs.

To help the City secure funding for the Runway 6-24 rehabilitation design and construction, HDR recommends aligning the project with the FAA's current policy direction outlined in Reauthorization Program Guidance Letter (R-PGL) 25-01. This guidance reinforces the FAA's commitment to preserving existing infrastructure and prioritizing safety-critical projects—especially at general aviation airports that play a vital role in the national system.

FAA Advisory Circular 150/5300-13B illustrates the FAA's desire that airports maintain a crosswind runway when wind coverage on the primary runway falls below 95%, making its continued availability a compliance and safety priority. As such, the rehabilitation of Runway 6-24 meets FAA criteria for preservation and operational safety, and is eligible for AIP funding under R-PGL 25-01.

HDR recommends using this eligibility framework to shape the project justification, demonstrating that timely rehabilitation is not only cost-effective but necessary to maintain safe operational capacity. In addition to base entitlement and potential state match, HDR will assist the City explore the use of discretionary AIP or IIJA-AIG funding, identifying the best path to secure federal investment while minimizing City financial exposure.

HDR's strategy on behalf of the City will assist in demonstrating to the FAA that the rehabilitation is necessary measure to maintain safe and reliable crosswind operations in compliance with FAA standards.



- **Estimated Construction Value:** \$10.9M
- **Funding Source:** FAA Entitlement and FAA AIP
- **Discretionary Planning and Grant Support:** 09/2026
- **Design and Permitting:** 09/27
- **Construction:** 09/30

OUTCOME

By demonstrating the Runway 6-24 rehabilitation as a safety-critical, infrastructure-preserving project under R-PGL 25-01, the City significantly improves its ability to secure FAA funding for a runway that might otherwise fall outside discretionary priorities. This approach positions the project for entitlement and potential discretionary AIP support, while opening the door to supplemental funding through IIJA-AIG grant.



EXPERT SPOTLIGHT: Mark Day brings 17 years of experience as the Vice President of Planning and Development for Blue Grass Airport and will help navigate discussions with the FAA on the federal funding sources available for the design of this project.

PROOF: HDR prepared and submitted the FAA grant pre-application on behalf of PMP to request the use of expiring IIJA-AIG funds for the construction of Taxiway A improvements. HDR identified \$295,000 in IIJA-AIG funding from FY 2022 that would lapse if not obligated within the year and proactively worked with the City to reallocate those funds toward an eligible, shovel-ready project.



This effort demonstrates HDR's in-depth understanding of FAA funding streams and grant timelines, as well as our commitment to positioning PMP to fully leverage available federal resources.



5 Airport Traffic Control Tower

CHALLENGE

Noted in the Airpark's Master Plan, there is a need to replace the airport traffic control tower due to its age and condition. The facility is a contract tower operated by Robinson Aviation. The location is satisfactory for line of sight of ground movements, runway approaches and flight training areas. The FAA's siting process can be lengthy and demolition of the current tower affects the Airpark's administrative building.



The siting process for air traffic control towers is multifaceted. The cab includes positions for multiple controllers, each having different ground and airspace monitoring responsibilities. Controllers must be able to clearly see all aircraft movement areas on the airfield and key positions on ramps where they enter the movement area. To determine the controller eye height, current and future development must be modeled through the FAA Virtual Immersive Siting Tower Assessment (VISTA) program. The process is collaborative, involving airpark and air traffic control staff who are very familiar with the daily operations. Finding an optimal tower site that meets PMP's long term growth is paramount.

SOLUTION

Though IJJA funds to replace federal contract towers have been substantial, it is becoming increasingly unlikely to take advantage of them as the program is expiring in 2026. Draft versions of federal appropriation bills currently include another infusion of funds the City of Pompano Beach may be able to take advantage of. HDR and its teammate, Leo A Daly, have ongoing experience with siting towers and positioning their clients for funding. HDR's staff are familiar with FAA tower priority ranking systems, which can be affected by congressional direction. Each phase of the process may require a reimbursable agreement with the eastern region of the FAA Air Traffic Organization.



- **Estimated Construction Value:** \$9.7M
- **Funding Source:** FDOT
- **Design and Permitting:** 01/2029
- **Construction:** 01/2032

OUTCOME

Airports that are proactive in the siting process, position themselves competitively for available design and construction funds. The federal funding package signed on July 4th includes \$12.5 billion to improve air traffic facilities across the country. As towers remain in place for decades, it is critical to site them for the airport's long-term developments. By raising awareness of this project within the FAA and with elected officials, PMP may be in a prime position to advance this project.



PROOF: We are very familiar with FAA Order 6480.4B, Control Tower Siting Process, and in negotiating reimbursable agreements on behalf of airports. Currently, Mark Day is assisting LEX through the final phases of this process. Leo A Daly, our teaming partner, has experience with many projects of this nature, including Tulsa Air Traffic Control Tower and Sarasota Bradenton Air Traffic Control Tower. Our knowledge of these requirements can streamline PMP's siting, design and environmental documentation to position the project for funding opportunities.



HDR designed the Fort Lauderdale Executive Airport (FXE) Runway Incursion Mitigation (RIM) project in just 8 weeks to capture unforeseen CARES Act funding, resulting in expediting the project by 2 years ahead of the CIP.



3

SCHEDULE



3. Schedule

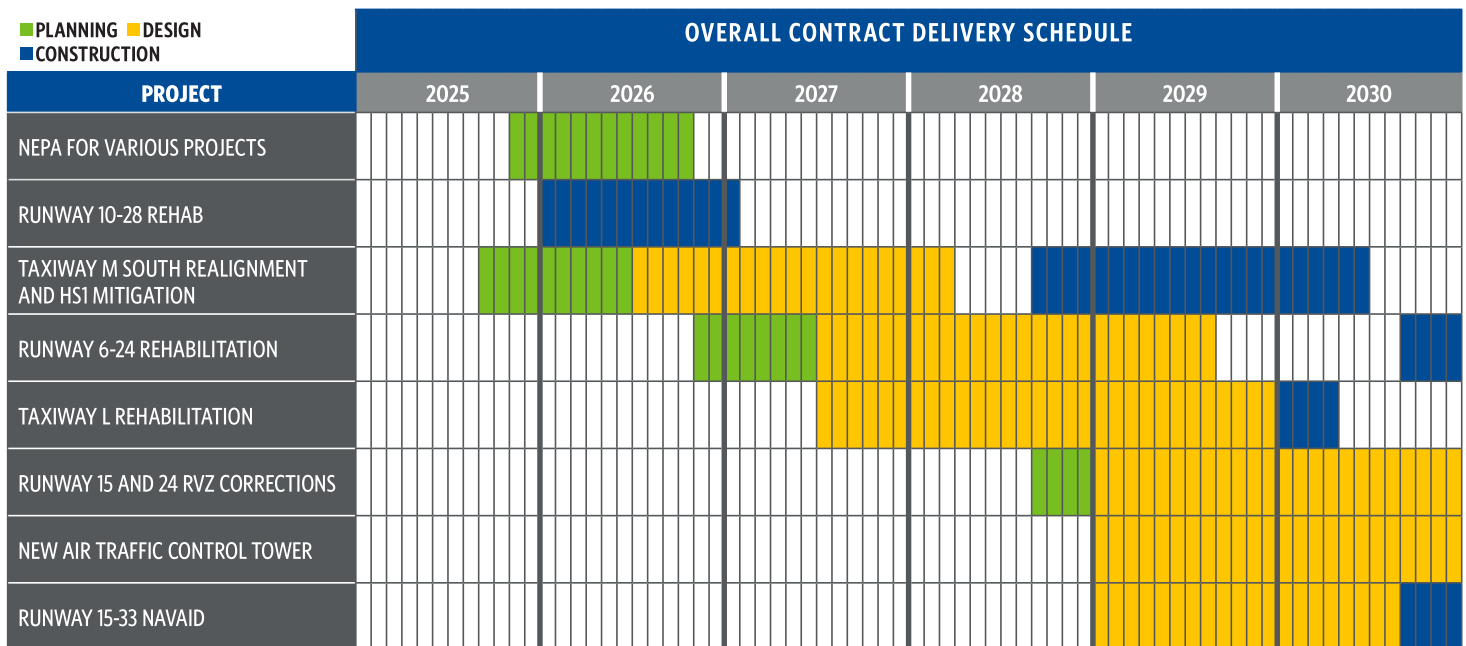


The term of this Contract is expected to be for an initial period of five (5) years from the date of execution by both the City and the selected firm(s). In this section, we provide a timeline that demonstrates our ability to deliver all proposed tasks within the applicable deadlines. Going further, we demonstrate our ability to deliver an individual project within your CIP, with all regulatory deadlines that may be involved. These schedules demonstrate not only our knowledge of your work program, but also the external stakeholder deadlines that need to be met to capture all funding opportunities.

Overall Contract Schedule

The City's Capital Improvement Plans for PMP are described in the RLI, the Joint Automated Capital Improvement Program (JACIP), the Airpark Master Plan, and through our unique knowledge of the Airpark's regulatory compliance efforts. We know your schedule because we helped develop it. We also understand priorities can change so we can be flexible and help you understand impacts of re-prioritization to the schedule. Our team can flex between planning, environmental, and design to maintain progress and maximize potential grant funding opportunities.

Below, we provide a proposed schedule of projects to be delivered under this contract, based on our research and discussions with the Airpark's leadership.



Individual Project Schedule

To showcase our expertise in delivering complex capital improvements, we've selected an individual project with multiple funding components and operational impacts: **Taxiway M South Realignment** and **Hot Spot 1 Mitigation**.

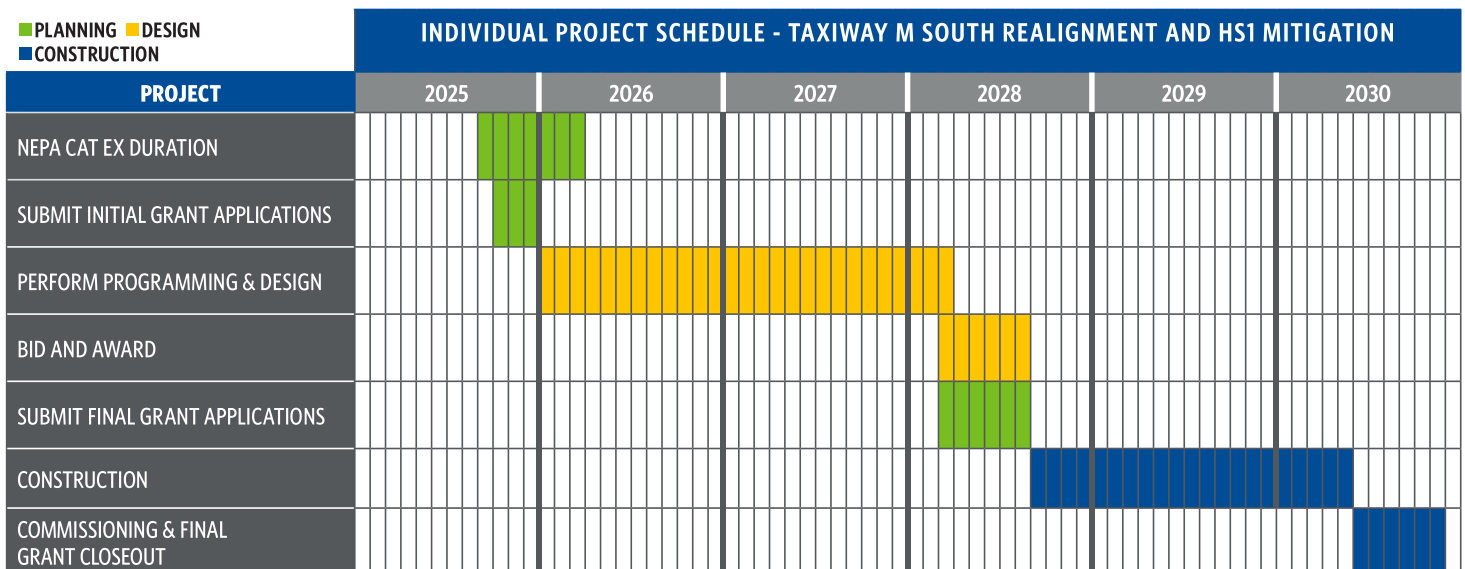
This project is not only critical for enhancing safety at the Airpark but is also strategically programmed to obtain FY 2026 FAA discretionary funding. Realigning Taxiway M and mitigating Hot Spot 1 directly addresses a significant safety concern, aligning perfectly with the FAA's explicit priority for projects that enhance airport safety and are eligible for FAA AIP grants.

HDR has already initiated coordination with the FAA, pending the Airpark's leadership approval, to position PMP for FY 2026 FAA AIP funding specifically for the design phase. A crucial next step for the Airpark is to submit the pre-grant application to the FAA, formally notifying them of your intent to apply for federal funding. A vital component of this application process is to commence the NEPA CATEX efforts promptly.

Beyond safety, Taxiway M and its associated Hot Spot have a significant impact on airfield operations. It provides essential access to the Airpark's pavement network for tenants on the southwest side, including DAHER, Pompano Aviation, and American Flyers. Therefore, maintaining safety in this area and effectively mitigating the Hot Spot will profoundly enhance the safety of aircraft operations for these key tenants.

Through his experience working with you, Raheel has learned that the keys to maintaining project schedules for PMP include:

- Obtaining adequate funding support for the project to be viable.
- Meeting deadlines for grant applications to protect funding from being put in jeopardy.
- The schedule provided below accounts for key delivery dates for the project, from inception through construction close out.



4

REFERENCES



Qualifications Of Bidders

To demonstrate qualifications to perform the work, and to be considered for award, each bidder shall submit at least three (3) business customer references. Provide information for business customers for whom you have performed work of this nature which you list as references, excluding the City of Pompano Beach. (Use an attachment if necessary.)

1. Name and address of customer: City of Fort Lauderdale - Fort Lauderdale Executive Airport (FXE)
6000 NW 21st Ave., Fort Lauderdale, FL 33309

Contact person name, telephone number and email address: _____
Carlton Harrison, 954.828.4976, charrison@fortlauderdale.gov

Description of services provided and date(s) of service: July 2014 - Current (July 2026)
Engineering Design and Construction Management/Inspection, Surveying, Geotechnical Testing and Analysis, Site Plan Review
and Analysis, Environmental Assessment/Impact Statements, Bidding, and Architectural/Landscape Architectural Services

2. Name and address of customer: Miami-Dade Aviation Department
Miami International Airport, Building 3030, 4331 NW 22nd A-2 Street, Miami, Florida 33122

Contact person name, telephone number and email address: _____
Ernie Beltre, 305.876.0787, ebeltre@miami-airport.com

Description of services provided and date(s) of service: January 2019 - Current (July 2025)
Engineering Design and Construction Management/Inspection, Surveying, Cost Estimating and Scheduling,
Bidding Services, Geotechnical Testing and Analysis, Structural, Electrical, and Mechanical Engineering

3. Name and address of customer: Palm Beach County Department of Airports
846 Palm Beach International Airport, West Palm Beach, FL 33406

Contact person name, telephone number and email address: _____
Gary Sypek, 561.471.7474, gsypek@pbia.org

Description of services provided and date(s) of service: July 2019-Current (July 2025)
Engineering Design and Construction Management/Inspection, Surveying, Environmental, Geotechnical Testing and
Analysis, Cost Estimating and Scheduling, and Bidding Services



General Aviation Consultant Services

City of Fort Lauderdale - Fort Lauderdale Executive Airport (FXE)

Fort Lauderdale, FL

Since 2014, HDR has been providing general consulting services to support the FXE development programs via an on-call contract. To date, we have worked closely with the airport engineer and management to deliver nearly 30 task orders more than \$3M in professional services while coordinating a team of 8 specialty subconsultants.

Highlighted tasks include:

Runway Extension Environmental Assessment Construction Cost: N/A

HDR is providing environmental services to the City for the preparation of an Environmental Assessment (EA) for the extension of Runway 9-27 at FXE. Runway 9-27 is approximately 6,002 feet long and the FXE desires a 1,000-foot extension to serve the growing demand of air travel to the City. The

determination of runway extension has been made by the Airport as a result of their Airport Master Plan and a Project Justification Study accepted by the Federal Aviation Administration. This task consists of the production of an EA for the Runway 9 extension.

Midfield Run-up Expansion Construction Cost: \$2.4M

HDR provided professional design and engineering services for the expansion of the midfield run-up connected to Taxiway D1. Our scope of services included schematic design, design development, contract documents, project management, bidding assistance, construction administration, and field services. For this project, we expanded the existing apron and were involved in the oversight of the installment of two different jet blast deflectors

RELEVANCE TO POMPANO AIRPARK

- Engineering Design and Construction Management/ Inspection
- Surveying
- Geotechnical Testing and Analysis
- Grant Support
- Site Plan Review and Analysis
- Environmental Assessment/ Environmental Impact Statements
- Bidding Services
- Architecture and Landscape Architecture
- Cost: Est. \$24.5M Construction Value
- Completed: Ongoing

STAFF INVOLVED

Raheel Dossani, Tim Fish
Will Bowdoin, Joe Grubbs
Noemi Castillo, Shaun Cruz
Giadha Colome

CLIENT REFERENCE

Carlton Harrison
954.828.4976
charrison@fortlauderdale.gov

able to handle multiple aircrafts for purposes such as engine run-ups, full thrust, and breakaway thrust. This project's Construction Phasing and Safety Plan minimized the project's impact on an airfield with other concurrent construction projects, as well as for permanent closures of taxiways near the project area.

Taxiway G Rehabilitation

Construction Cost: \$1.3M

HDR provided professional design and engineering services for the rehabilitation of Taxiway G from Taxiway C to Taxiway N. Our scope of services included schematic design, design development, contract documents, project management, bidding assistance, construction administration, and field services. This project entailed updates to the pavement geometry for Taxiway G that went up to the intersection of Taxiway C and Taxiway N. The field services provided for this project were mainly done during the day, with the asphalt surface course performed as night work. The field services primarily involved reporting and observing the civil work performed and oversight of the electrical work.

Runway 31 Bypass Taxiway

Construction Cost: \$1M

HDR provided professional design, bid phase, and construction services for a bypass taxiway connector from Runway 31 to parallel Taxiway B. This bypass taxiway will provide flexibility in using the runway by allowing ground maneuvering of steady streams of departing aircraft and help any aircraft traffic at

the runway's end. Our scope of services included schematic design, design development, contract documents, project management, bidding assistance, construction administration, and field services. For this project, we incorporated advanced aircraft movement modeling into the geometric design and phasing, which considered the mobility for taxiway design group III aircrafts. Also, at the start of construction the project team noticed this would heavily impact air traffic during the day and made this a mainly nighttime construction project for the entire duration.

Runway Incursion Mitigation

Construction Cost: \$1.3M

HDR provided professional design and construction phase services for the construction of in-pavement and elevated LED Runway Guard Light (RGL) units and surface markings at 9 taxiway entrances to runways at FXE. These locations have been identified as areas that contribute to hot spots and runway incursions and impact the safe operations of the airport. HDR designed the project in just 15 days, allowing FXE to capture 100% of CARES Act funding. Our scope of services included schematic design, design development, contract documents, project management, bidding assistance, construction administration, and field services. For this project, we incorporated a robust construction safety and phasing plan (CSPP) which had minimal disruptions to airport operations.

Runway Extension Justification

FXE requested that HDR develop a runway extension justification letter and associated documentation to submit to FDOT and FAA in anticipation of future regulatory and funding applications to support the runway extension and associated taxiway extensions. The documentation discusses the project intent and justification, project requirements and actions necessary to achieve the project intent, design parameters, and opinion of probable costs. The project team is consulting with representatives from FAA Orlando ADO to review and establish the project requirements

Aircraft Equipment and Services (AES) Facility Expansion

Construction Cost: \$2.1M

The AES facility was constructed in 2011 and houses maintenance staff offices, locker rooms, equipment storage, and maintenance bays. HDR provided a concept design for expansion of the facility and construction documents for a 4,000 SF expansion including landside and airside civil site improvements. Building elements include architectural, life safety, mechanical, structural, electrical, and fire protection. The expansion will house additional equipment storage space, expanded office space, security offices, and additional maintenance bays. Utility service connections and stormwater management are also included. HDR is currently providing the construction phase services for this project.



General Civil Engineering Services

Miami-Dade Aviation Department

Miami-Dade County, FL

The Miami-Dade Aviation Department (MDAD) selected HDR to provide general civil engineering services on a task order basis for a six year term. These projects involve rehabilitation and improvements to aprons, taxiways, runways and underground utilities terminal-wide including demolition, repair, foundations, bridges, utility relocations, fueling, canal culvert, passenger loading bridges and appurtenances at Miami International Airport (MIA), its five general aviation airports, and the MIA General Aviation Center. Scope of services includes program verification, schematic design, design development, contract documents, bidding assistance, and construction phase services.

Highlighted tasks include:

TMB Taxiway C Extension Design and Construction Phase Services

Estimated Construction Cost: \$25M

HDR provided professional design services for the Taxiway C extension at Miami Executive Airport (TMB). Key design elements included pavement condition evaluation and rehabilitation, pavement design, airfield geometry, design of aircraft rated structures, CCTV camera power and fiber design, oil water separator system design, stormwater modifications, modification to existing airfield lighting and signage systems, development of a construction safety and phasing plans, construction maintenance of traffic and safety plans, scheduling, FAA coordination, airfield marking, specifications, opinion of probable

RELEVANCE TO POMPANO AIRPARK

- Engineering Design and Construction Management/ Inspection
- Surveying
- Geotechnical Testing and Analysis
- Structural
- Electrical
- Mechanical
- Cost Estimating and Scheduling
- Bidding Services
- Cost: Est. \$36M Construction Value
- Completed: 2021

STAFF INVOLVED

Raheel Dossani, Tim Fish
Will Bowdoin, Joe Grubbs
Shaun Cruz, Giadha Colome

CLIENT REFERENCE

Ernie Beltre
305.876.0787
ebeltre@miami-airport.com

cost, regulatory permitting, bid phase support, and construction administration services and observation services. HDR provided all project management, technical support, quality assurance and quality control, and subconsultant management for the project. Services included program validation, contract and bid documents, bid and award assistance, construction phase services, and construction inspection services.

**Miami Executive Airport (TMB)
HS1 Taxiway H Extension Design
and Construction**

Construction Cost: \$13.1M

HDR provided professional design services for Taxiway H extension and Runway Incursion Mitigation (RIM) at Miami Executive Airport (TMB). Key design elements included pavement condition evaluation and rehabilitation, pavement design, airfield geometry revisions, stormwater modifications, modification to existing airfield lighting and signage systems, development of a construction safety and phasing plans, maintenance of traffic and safety plans, scheduling, FAA coordination, airfield marking, specifications, opinion of probable cost, regulatory permitting, bid phase support, and construction administration services. HDR provided all project management, technical support, quality assurance and quality control, and subconsultant management for the project. Services included program validation, contract and bid documents, bid and award assistance, construction phase services, and construction inspection services.





Airport Civil Consulting Services

Palm Beach County Department of Airports (PBCDOA)

Palm Beach County, FL

HDR is providing on-call civil planning, design, engineering, and construction related services for PBCDOA's four airports. Services include civil, structural, mechanical, electrical, and transportation engineering, as well as other planning, design, and construction related tasks. This includes horizontal infrastructure design, general civil and airfield electrical design of runway, taxiway and aircraft parking apron facilities, as well as site development, utility planning and design, and roadway facility planning and design.

Highlighted tasks include:

Palm Beach County Park Airport (LNA) Construction Phase Services for Runway 10-28 Seal Coat

Construction Cost: \$700K

HDR designed and provided RPR services for a runway rehabilitation

of Runway 10-28 at LNA. The construction scope of services included the installation of P-608 asphalt surface treatment over the existing runway surface, the demolition of runway markings, and the reinstallation of runway markings to match existing conditions. HDR also prepared an engineer's report, construction safety and phasing plans, and an opinion of probable construction costs.

North Palm Beach County General Aviation Airport (F45) Rehabilitation of Runway 9R-27L

Estimated Construction Cost: \$9.2M

F45 is served by the 4,300' x 100' primary Runway 9R-27L, which was constructed in 1994 with no recorded rehabilitation since. The runway Pavement Condition Index (PCI) was measured at 73 in 2015, below the FDOT recommended

RELEVANCE TO POMPANO AIRPARK

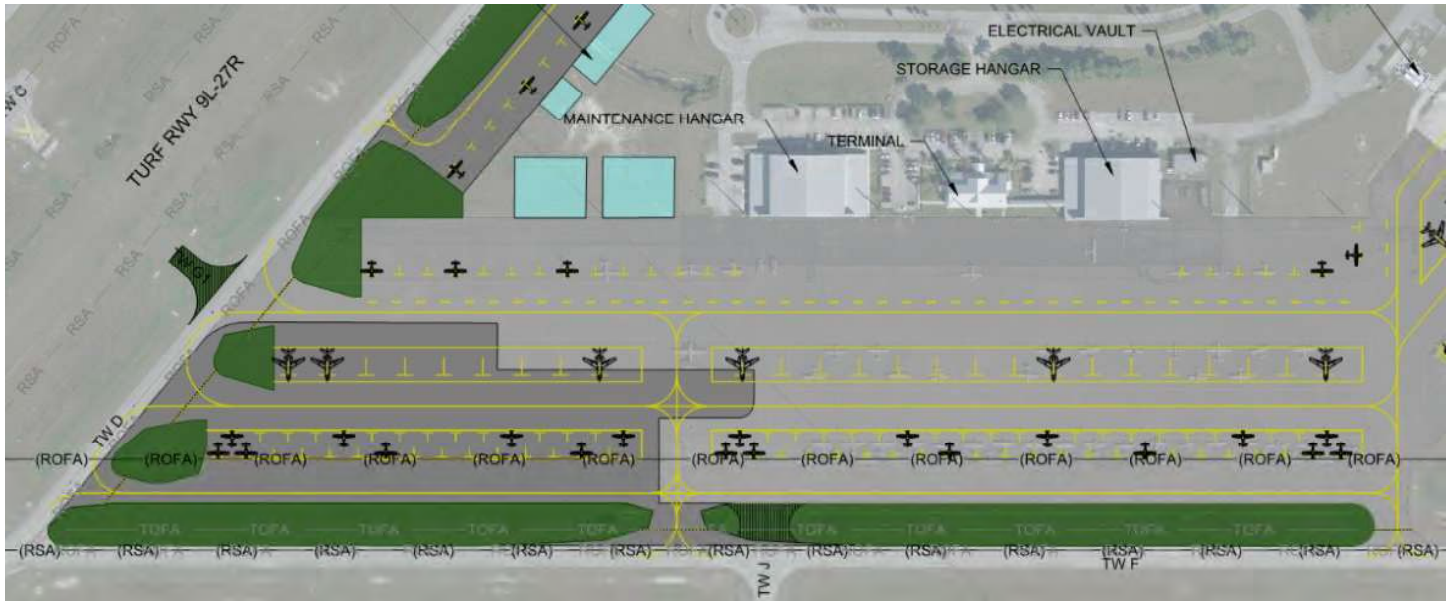
- CIP Programming
- Aviation Planning
- Aircraft Parking Studies
- Horizontal Infrastructure Design
- Engineering Design and Construction Management/ Inspection
- Surveying
- Environmental
- Geotechnical Testing and Analysis
- Cost Estimating and Scheduling
- Bidding Services

STAFF INVOLVED

Raheel Dossani, Tim Fish
Will Bowdoin, Joe Grubbs
Shaun Cruz, Giadha Colome

CLIENT REFERENCE

Gary Sypek
561.471.7474
gsypek@pbia.org



A proposed aircraft parking layout for the ramp expansion at F45. The layout accounted for future alignment shift and Runway Design Code changes of the adjacent RW 14-32.

minimum service PCI of 75 and above the critical PCI of 65. The Pavement Management Program (PMP) recommends mill and overlay of the runway to correct climate and age related distresses. Runway 9R-27L serves aircraft weighing up to 30,000 lbs. The runway pavement section is insufficient to meet the minimum strength requirements the FAA sets for pavements serving aircraft of this weight.

We're providing programming, design, and bid phase services for the rehabilitation of Runway 9R-27L in an effort to correct these deficiencies. Rehabilitation of associated electrical, signage, markings, drainage, and grading will also be required to correct efficiencies in those facilities. Project includes the full runway, connecting taxiways L, M, N, E, F, O, P, Q to 250' from the runway centerline (ROFA), and the intersection with Runway 14-32 to 250' from runway centerline (ROFA). Also included

is the geometric update of connecting taxiways L, M, N, E, F, O, P, Q, electrical and signage rehabilitation and relocation, marking rehabilitation and updating, and minor grading and drainage maintenance. Scope includes planning and programming, schematic design, design development, contract documents, and bid and award services.

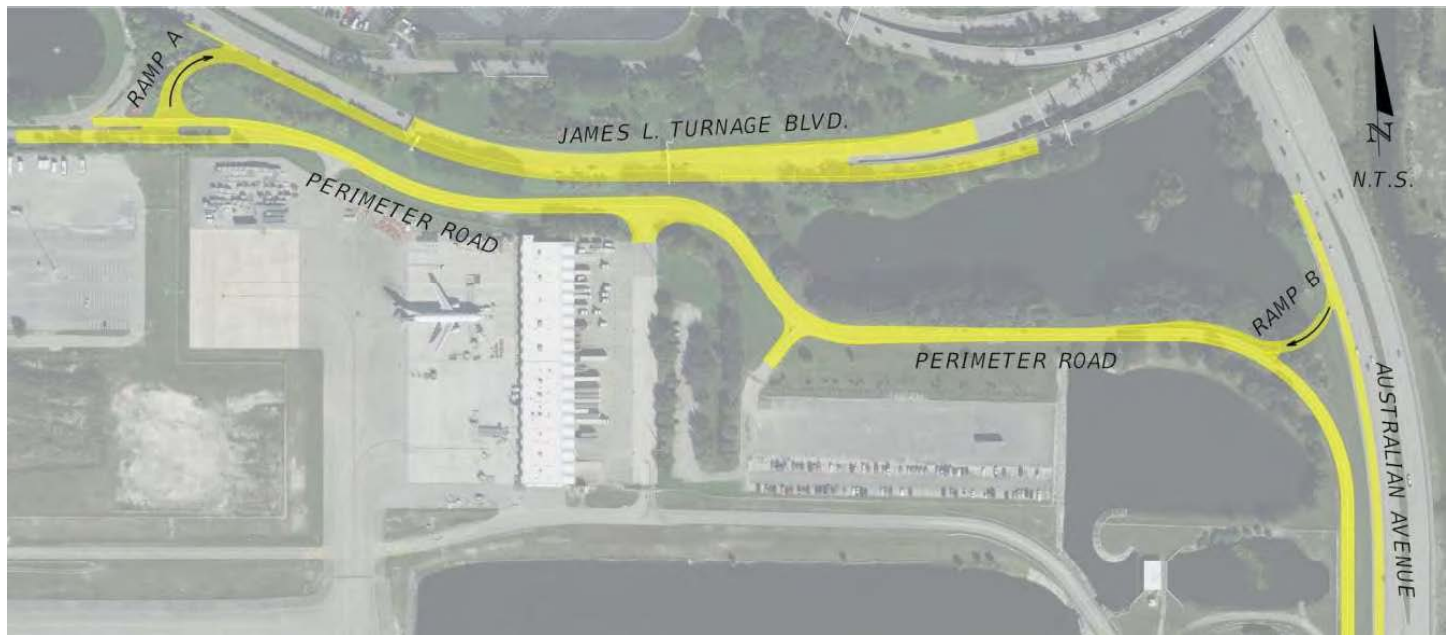
North Palm Beach County General Aviation Airport (F45) Ramp Area Expansion Study
 Construction Cost: N/A

Although potential areas of apron expansion are depicted on the currently approved Airport Layout Plan (ALP), PBCDOA has tasked us to further evaluate alternatives and work in partnership with PBCDOA and airport users to select an alternative for final design. We've been tasked to refine the aircraft storage space and geometry requirements established in the F45 Master Plan Update. Once established, we will then develop and evaluate alternatives to

determine the best locations and layouts for the apron expansion.

Palm Beach County Park Airport (LNA) Runway 4R-22L Rehabilitation
 Estimated Construction Cost: \$3.1M

LNA is served by the 3,256' x 75' Runway 4R-22L, which was constructed in 1993 with no recorded rehabilitation since. The runway Pavement Condition Index (PCI) was measured at 75 in 2014, which matches the FDOT recommended minimum service PCI of 75 and above the critical PCI of 65. The Pavement Management Program (PMP) recommends reconstruction of the runway to correct climate, load and age related distresses. Runway 4R-22L serves aircraft weighing up to 12,500 lbs, currently aircraft weighing over 12,500 lbs are restricted from utilizing LNA. The runway pavement section is insufficient to meet the minimum strength requirements the FAA sets for pavements serving aircraft of this weight.



Design alternative for enhancing cargo access to Turnage Boulevard at PBI

We're providing programming, design, and bid phase services for the rehabilitation of Runway 4R-22L in order to correct these deficiencies. Rehabilitation of associated electrical, signage, markings, drainage, and grading will also be required to correct deficiencies in those facilities. The pavement rehabilitation includes the full runway and connecting taxiways A, B and C to 250' from the runway centerline (ROFA). This project also includes the geometric update of connecting Taxiways A, B and C, electrical and signage rehabilitation and relocation, marking rehabilitation and updating, and minor grading and drainage maintenance. Scope of services includes planning and programming, schematic design, design development, contract documents, and bid and award services.

Palm Beach International Airport (PBI) Cargo Road Alternatives Study

Estimated Construction Cost: \$5.8M

We're performing a study of alternative alignments and modifications to the existing Cargo Road at PBI. Although multiple alternatives were evaluated during the recent Airport Master Plan Update for PBI, PBCDOA has requested that we further evaluate all alternatives and work in partnership with PBCDOA and cargo area users to determine a selected alternative for final design. Specific tasks in this study include meetings and presentations (with PBI/Air Cargo Users), schedule preparation, coordination with other entities, contract management, preliminary environmental discussion, presentations (MPO), coordination meetings (with key agencies), review previous

studies/data collection/field reviews, preliminary survey, traffic analysis/safety analysis, preliminary utilities, roadway analysis (3 alternatives), design control criteria/typical sections analysis, preliminary geometric design, maintenance of traffic, preliminary lighting, miscellaneous structures, preliminary drainage/stormwater, construction cost estimate, comparative alternative evaluation/selection of recommended alternative, alternatives concept plans, preferred alternative, typical section package/exceptions/variations, final engineering analysis documentation, environmental analysis/report, and final alternatives evaluation report. Following this study, we will then develop a report which evaluates up to three alternative alignments for the Cargo Access Road at PBI.



Central Airfield Improvements

Palm Beach County Department of Airports

West Palm Beach, FL

HDR was selected to provide professional design services for the rehabilitation of Taxiways B, F, and H at Palm Beach International Airport (PBI). Taxiways B and F serve as the primary parallel taxiways for Runway 14-32 and Taxiway H is a major access way for business jet traffic accessing the southern airfield ramps. The project also includes the rehabilitation of the Runway 14-32 shoulders, hot spot mitigation, stormwater permitting, and upgrades to NAVAIDs. HDR incorporated advanced aircraft movement modeling into the geometric design and phasing, which considered the mobility of the specialized military aircraft based at PBI. The advanced movement modeling will support the project's Construction Phasing and Safety Plan and will minimize the project's impact on an airfield with three other concurrent

construction projects and weekly TFR restrictions. HDR is currently leading the construction phase services and providing full time RPR services. Due to PBI being a commercial airport, we have to take into account VIP visits and work closely with airport operations.

Value Added

HDR is adept at coordinating multiple stakeholders for team buy-in throughout complex phasing while keeping the airfield operational. HDR worked closely with DOA operations, FAA ADO, and Airport Traffic Control Operators to work through a complex phasing approach to minimize impacts to the airport during construction. HDR has a lot of projects they have designed and managed construction for within the past 5 years and with each project there are lessons learned that

RELEVANCE TO POMPANO AIRPARK

- Engineering Design and Construction Management/ Inspection
- Surveying
- Environmental
- Geotechnical Testing and Analysis
- Cost Estimating and Scheduling
- Bidding Services
- Construction Cost: \$40.1M

STAFF INVOLVED

Raheel Dossani, Tim Fish
Will Bowdoin, David Romano
Shaun Cruz, Giadha Colome

CLIENT REFERENCE

Gary Sypek
561.471.7474
gsypek@pbia.org

Raheel will bring to this contract to identify potential problems early on, and working with stakeholders to provide a solution for which will ultimately allow the contractor to stay on the established construction schedule.

Prior Projects Performed for the City of Pompano Beach

HDR serves as the City's General Engineering Consultant for PMP. To date, HDR has delivered work authorizations totaling \$2.3M in professional services and \$10.9M in construction value. Services range from planning to design and construction and involve, civil engineering, grant support, DBE program development, and utility design for horizontal and vertical facilities.

Runway 10-28 Rehab Design

Construction Cost: \$5.3M

HDR served as the lead designer for the Runway 10-28 Rehabilitation project, delivering comprehensive airfield design services that align with FAA standards, and FAA and FDOT funding requirements. As part of this project, HDR provided design services for the implementation of a green-painted no-taxi island at Taxiway A, effectively creating two distinct taxiways, Taxiway A and Taxiway K2, enhancing airfield safety and operational efficiency. PMP was at risk of losing Fiscal Year 2022 Infrastructure Investment and Jobs Act - Airport Infrastructure Grants (IIJA-AIG) of \$295,000. HDR worked with FAA to determine a project that could be done to make use of the expiring funds.

Throughout the design process, HDR maintained close coordination with the FAA to keep the project aligned with FAA grant funding criteria. Our team provided regular design updates to support the FAA's review process and maintain PMP's eligibility and good standing for construction funding.

Design services included pavement rehabilitation and reconstruction, airfield pavement markings, sodding, high-performance turf reinforcement mat, installation of new LED lighting fixtures across Runway 10-28, Taxiway A, and Taxiway K2 and development of an Engineer's Report, Construction Safety and Phasing Plan (CSPP), and Opinion of Probable Construction Costs (OPCC).

In addition, HDR supported the Airport with grant coordination and funding documentation for both FAA and FDOT, including permitting, preparing grant applications, and financial reporting. We also secured a Surface Water Management Licensing exemption from the Broward County Environmental Permitting Division.

Finally, we also submitted a dry-run building permit application to address comments from the building department. This allowed the selected contractor to quickly pull their building permit, saving time during mobilization and saving costs due to design changes requested by reviewers.



Runway 28 Safety Enhancements Design and Construction

Construction Cost: \$3.7M

HDR provided comprehensive planning, design, and construction phase services for the 185-foot extension of Runway 28 and mitigation of two identified hot spots in the Airpark's southeast quadrant—an area critical to maintaining safe and efficient airfield operations.

When initial concepts in the Airport Layout Plan (ALP) were found to be non-compliant with FAA design standards, HDR rapidly developed five alternative layouts. These design alternatives were supported by utility coordination, field data analysis, and collaborative input from Airpark leadership and Air Traffic Control (ATC). HDR also worked directly with the FAA Orlando Airports District Office (ADO) to secure approval for the revised layout—preserving the project's eligibility in the Capital Improvement Program.

HDR's scope aligned with the full life cycle of the project, including:

- Preliminary Design Reports & Alternatives. Developed multiple design alternatives and led stakeholder coordination to recommend the preferred solution.
- Design & Bidding Documents. Delivered complete construction documents, including design plans, technical specifications, and cost estimates. Participated in pre-design and bid-phase meetings and provided support through the bid award process, including preparation of bid addenda.
- Permitting & Grant Coordination. Prepared and submitted required permitting documentation, and supported FAA and FDOT grant applications to secure construction funding.
- Environmental. Conducted site survey to identify protected species within construction limits prior to contractor mobilization. Prepared and submitted required permitting documentation with Florida Fish and Wildlife Commission (FFWC) to mitigate protected species within construction limits.
- Construction Engineering Services. Provided daily part-time Resident Project Representative to oversee construction progress and verify compliance with contract documents. Services included shop drawing reviews, RFI responses, plan addenda, and weekly coordination meeting with the contractor. HDR

provided quality assurance laboratory testing to confirm compliance with all testing criteria set forth in the contract documents. Finally, HDR provided wildlife mitigation services where HDR conducted the pre-construction survey to observe protected species within the construction limits and coordinated with FFWC to obtain a permit to mitigate protected species located within the construction limits.

- Project Administration & Closeout. Managed FAA 5370-1 and FDOT reporting requirements, reviewed contractor pay applications, and supported project acceptance and certification processes.



DBE Program

Construction Cost: N/A

HDR is providing ongoing consulting services to support the City in developing and administering a federally compliant DBE Program, as required under 49 CFR Part 26. This program is essential to maintaining the City's eligibility for FAA AIP grant funding. HDR is working closely with the FAA Office of Civil Rights to determine that the DBE Program meets federal and state compliance standards. Responsibilities include preparing and maintaining the approved DBE Program Plan, assisting the City in meeting its reporting and documentation obligations, and making sure the program remains in good standing with both the FAA and FDOT. HDR also reviews contractor-submitted DBE documentation, evaluates participation against established goals, and requests Good Faith Effort documentation when necessary.

Runway 28 Grant Support Services

Construction Cost: N/A

HDR provided grant support services during the design phase of the Runway 28 Extension project. HDR prepared both the AIP pre-application and final grant application in accordance with FAA ARP SOP No. 6.00, enabling the City to secure federal construction funding. In addition to application preparation, HDR managed ongoing grant administration by submitting quarterly updates through the Florida Aviation Database JACIP portal. This effort maintained eligibility and supported streamlined coordination with both the FAA and FDOT.

Parcel Y Access Road and Utilities

Construction Cost: \$600K

HDR provided full-service planning, design, permitting, and construction-phase support for the development of infrastructure to serve future aviation-use tenants on Parcel Y. The project included the construction of 900 feet of 2-lane paved access road, 800 feet of 12-inch water main, and 1,100 feet of 4-inch sanitary force main. HDR secured a major modification to the Broward County Surface Water Management License, general permits for water and wastewater mains from the FDEP, and six separate development permits from the City of Pompano Beach. The team conducted a detailed analysis and hydraulic modeling of fire suppression demand on the potable water system, enabling the Airpark to proactively plan for fire protection infrastructure and assign related costs to future developers.

To keep the project on schedule and minimize cost impacts, HDR submitted a preliminary 'dry-run' building permit application ahead of final design and resolved all reviewer comments prior to bidding. This proactive approach allowed the contractor to obtain the building permit without delay, streamlining mobilization, and avoiding redesign-related costs which could create a potential change order after the bids were made.

During construction, HDR provided comprehensive construction phase services including shop drawing reviews, responses to RFIs, issuance of plan addenda, regular site visits to observe critical milestones, and weekly coordination meetings with the contractor. HDR oversaw quality assurance laboratory testing to verify compliance with all specifications outlined in the contract documents.

5

PROJECT TEAM FORM



COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRETY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER RLI25-031

Federal I.D.# 47-0680568

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	Will Suero, PE, SVP	34	University of Central Florida - BS, Civil Engineering
Project Manager	Raheel Dossani, PE	10	Florida Atlantic University - BS, Civil Engineering
Asst. Project Manager	Will Bowdoin, PE	19	Auburn University - BS, Civil Engineering
Other Key Member	Joe Grubbs, PE (Quality Manager)	34	Youngstown State University - BS, Civil Engineering
Other Key Member	Tim Fish, PE (Strategic Advisor - Infrastructure)	22	University of Missouri, Columbia - BS, Civil Engineering
Other Key Member	Mark Day, PE, AAE (Strategic Advisor - Grant Support)	31	University of Kentucky - BS, Civil Engineering Southern Baptist Theological Seminary - MA, Educational Administration

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Stormwater Management & Permitting	Chen Moore and Associates, Inc. 500 West Cypress Creek Rd., Ste. 600, Fort Lauderdale, FL 33309	Cole Benjamin, PE
CEI & Resident Project Representative	CRJ and Associates, Inc. 2699 Stirling Rd. Ste. B-201, Fort Lauderdale, FL 33312	Marc Fermanian, PE
Environmental/Wildlife	Cyriacks Environmental Consulting Services, Inc. 3001 SW 15th Street, Suite B, Deerfield Beach, FL 33442	Wendy Cyriacks
Mechanical, Electrical, Plumbing	Hammond & Associates, Inc. 499 NW 70th Ave., Ste. 210, Plantation, FL 33317	Stephen Farquharson, LEED AP
General Utilities, Landscape Architecture, Surveying	KEITH & Associates, Inc. 301 E Atlantic Blvd., Pompano Beach, FL 33060	Chuck Schramm, PSM
Architecture, Air Traffic Control Tower Design	Leo A Daly, LLC 5201 Waterford District Dr., Ste. 370, Miami, FL 33126	Giovanni Cortes Caro, AIA, NCARB, LEED AP
Airport Master Planning	McFarland Johnson, Inc. 4601 Sheridan St., Ste. 500, Hollywood, FL 33021	John Mafera
Airspace Studies	NV5 Geospatial, Inc. 200 South Park Rd., Ste. 350, Hollywood, FL 33021	Jill Mahoney, LSP
NAVAIDS/Airside Lighting & Signage; CEI & Resident Project Representative	Quantum Electrical Engineering, Inc. 5571 N. University Dr., Ste. 101, Coral Springs, FL 33067	Amy Champagne-Baker, PE
Materials Testing; Geotech Testing & Analysis	Tierra South Florida, Inc. 2765 Vista Pkwy., Ste. 10, West Palm Beach, FL 33411	Raj Krishnasamy, PE

6

ORGANIZATIONAL CHART





City of Pompano Beach
 Continuing Contracts for Airpark Services -
 Consultant's Competitive Negotiation Act (CCNA) (RLI25-031)



PRINCIPAL IN CHARGE
 Will Suero, PE, SVP

QUALITY MANAGER
 Joe Grubbs, PE

PROJECT MANAGER
 Raheel Dossani, PE

STRATEGIC ADVISORS
 INFRASTRUCTURE: Tim Fish, PE
 GRANT STRATEGY: Mark Day, PE, AAE*

TEAM LEGEND	
HDR	HDR
CMA	Chen Moore and Associates, Inc.
CRJ	CRJ and Associates, Inc.+
CECOS	Cyriacks Environmental Consulting Services, Inc.+
H&A	Hammond & Associates, Inc.+
KEITH	Keith and Associates, Inc.
LAD	Leo A Daly, LLC
MJ	McFarland Johnson, Inc.
NV5	NV5 Geospatial, Inc.
QEE	Quantum Electrical Engineering, Inc.+
TSF	Tierra South Florida, Inc. +
Note: HDR Staff unless noted + DBE Firm * Non-EL PE	

PLANNING & ENVIRONMENTAL
 TASK LEAD
 Noemi Castillo, PE, PMP

- ENVIRONMENTAL/NEPA
 Esther Chitsinde
- ENVIRONMENTAL/WILDLIFE
 Zachary Hovey
 Wendy Cyriacks (CECOS)
- SITE PLANNING/LAND USE REVIEW/ZONING
 Brady Brewster (MJ)
- NOISE STUDIES
 Adam Nicholas (MJ)
- FINANCIAL PLANNING & BENEFIT COST ANALYSIS
 Elana Essig (MJ)
- FORECASTING
 Rick Lucas (MJ)
- ACTIVITY FORECASTS & FACILITY REQUIREMENTS DETERMINATION
 Rick Lucas (MJ)
- AIRPORT PLANNER
 Matthew Blankenship
- TERMINAL APPROACH PROCEDURES (TERPS)/PART 77 EVALUATION
 Adam Nicholas (MJ)
- TALL STRUCTURES EVALUATION
 Adam Nicholas (MJ)

CIVIL/SITE
 TASK LEAD
 Will Bowdoin, PE

- AIRSIDE PAVEMENT DESIGN
 Sagar Bethu, PE, PMP*
- AIRSIDE PAVEMENT MARKINGS
 Shaun Cruz
 Gladia Colome, EIT
- NAVAIDS/AIRSIDE LIGHTING & SIGNAGE
 Amy Champagne-Baker, PE (QEE)
- GENERAL UTILITIES
 Dean Koggan, PE (KEITH)
 Mark Mitchell (KEITH)
- STORMWATER MANAGEMENT & PERMITTING
 Taymour El Housany, PhD, PE*
 Cole Benjamin, PE (CMA)
 Darrell Carlless, EI (CMA)
- AIRFIELD OPERATIONS
 Shaun Cruz
- LANDSCAPE ARCHITECTURE
 Kevin Mlight, RLA
 Kelli Schueler, PLA
 LEED AP (KEITH)

BUILDINGS
 TASK LEAD
 Galen VonGleich, RA, NCARB, LEED AP

- ARCHITECTURE
 Giovanni Cortes Caro,
 AIA, NCARB, LEED AP (LAD)
- STRUCTURAL
 Eric Martin, SE
- MECHANICAL
 Nathaniel Hammond, PE (H&A)
- ELECTRICAL
 Stephen Farquharson,
 LEED AP (H&A)
- PLUMBING
 John Cumper, PE (H&A)
- FIRE PROTECTION
 Adam Senk, PE
- AIR TRAFFIC CONTROL TOWER DESIGN
 Giovanni Cortes Caro,
 AIA, NCARB, LEED AP (LAD)

CONSTRUCTION
 TASK LEAD
 David Romano, PE (HDR)

- CONSTRUCTION MANAGEMENT & ADMINISTRATION
 Shaun Cruz
- CEI & RESIDENT PROJECT REPRESENTATIVE
 Gladia Colome, EIT
 Marc Feermanian, PE (CRJ)
 Elias Izza (CRJ)
 James Kappes, PE (QEE)
- MATERIALS TESTING
 Raj Krishnasamy, PE (TSF)
- GRANT COMPLIANCE MONITORING
 Mike Washington

SHARED RESOURCES

GEOTECH TESTING & ANALYSIS Kumar Vedula, PE (TSF)	PROCUREMENT/BIDDING SUPPORT Mark Day, PE, AAE*	PUBLIC INFORMATION AND COMMUNITY INVOLVEMENT Maurene Balmaceda	GRANT SUPPORT/FDOT/FAA COORDINATION Susan Rich, PE*
SURVEYING Charles Schramm, PSM (KEITH)	COST ESTIMATING/SCHEDULING Peter Bredelhoeft, Jr., CEP	AIRSPACE STUDIES Jill Mahoney, LSP (NV5)	DBE/MBE SUPPORT SERVICES Mike Washington

7

STATEMENT OF SKILLS AND EXPERIENCE OF PROJECT TEAM



7. Statement of Skills and Experience of the Project Team



HDR has been partnering with clients to shape communities since 1917. We are a global, integrated, multidisciplinary firm that specializes in a full range of program management, planning, architecture, engineering, construction, and financial services. Whether a project challenge is large or small, complicated or straightforward, we have the depth of resources and expertise to help you achieve results.

HDR's team of aviation experts have completed planning, environmental, design, survey, and construction work for airports throughout the South Florida region and nation. Our national aviation team, paired with our local aviation production team, provide the high level of client service and the expertise needed to deliver your aviation projects efficiently.

In addition to general aviation needs, HDR has the ability to service small-scale to extensive or specialized design projects through program management and various delivery methods and can complete full service airside and landside projects in-house. Our ability to complete this work means consistent project delivery, with a strong understanding of how to work with the FAA.

From providing airside and landside planning and design services to helping with program delivery and operations, our network of experts offers the full-spectrum of consulting services to help our clients reach new heights in operational excellence and long-term economic growth.

HDR's locally based team is positioned to respond quickly to project needs, helping keep work on schedule and within budget. We take pride in delivering responsive, high-quality customer service and have a proven track record of adapting to shifting priorities and resolving issues efficiently. Most of the work will be completed from our Fort Lauderdale office and other Florida-based production centers, allowing us to leverage strong local relationships and regional expertise for timely, effective task delivery.

We are proud to continue our service to the City of Pompano Beach, bringing a deep understanding of your goals and a strong commitment to the Airpark's success. Our team is focused on enhancing safety and supporting general aviation development. With locally based professionals who have consistently delivered results across Broward County and surrounding area, we are well-positioned to build on our past performance and continue providing responsive, high-quality service long into the future.

FOUNDED
IN
1917

HDR has more than
14,240+
EMPLOYEES

LOCATED IN
FLORIDA SINCE
1985

770+
STAFF IN
FLORIDA

196
locations around the world
SERVING 160
aviation clients

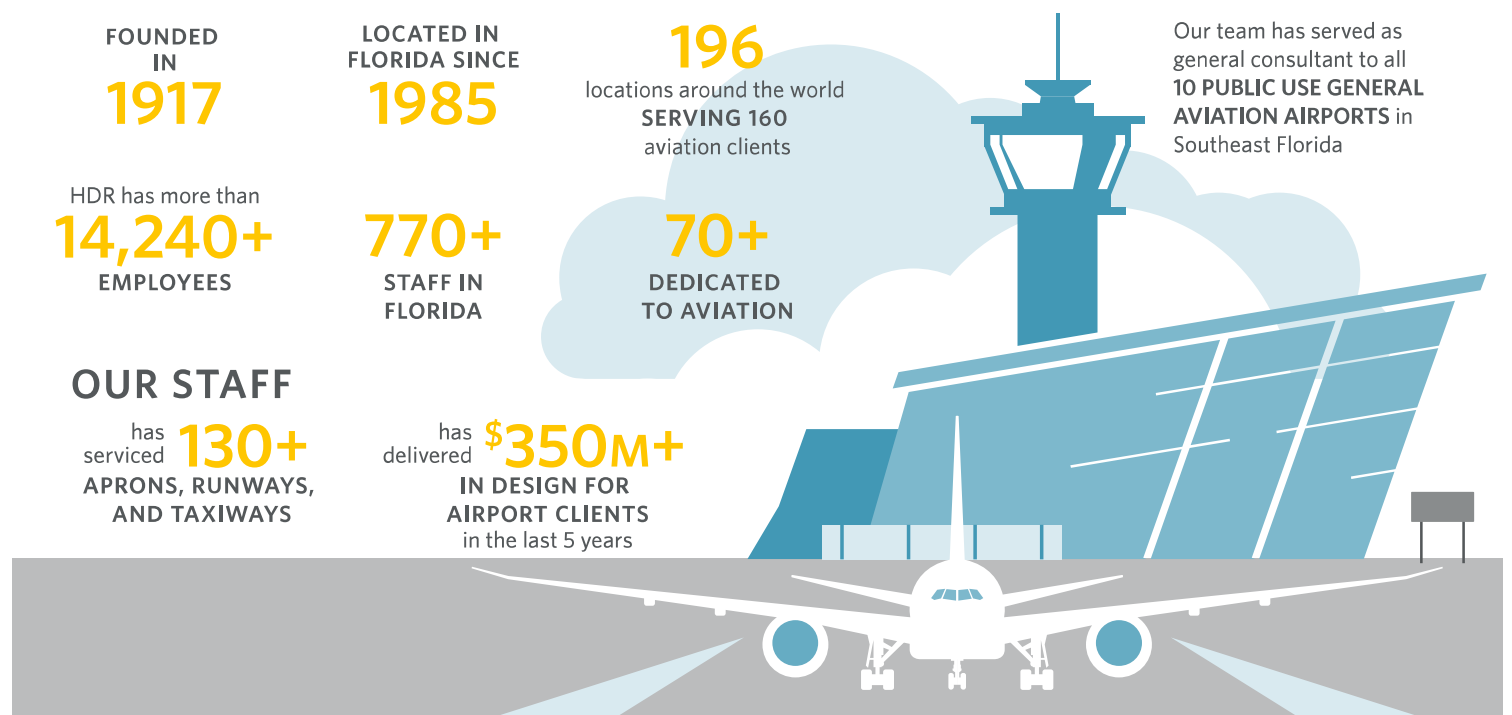
70+
DEDICATED
TO AVIATION

Our team has served as
general consultant to all
**10 PUBLIC USE GENERAL
AVIATION AIRPORTS** in
Southeast Florida

OUR STAFF

has
serviced **130+**
APRONS, RUNWAYS,
AND TAXIWAYS

has
delivered **\$350m+**
IN DESIGN FOR
AIRPORT CLIENTS
in the last 5 years



PROJECT
MANAGER
SPOTLIGHT

Raheel
Dossani, PE



Proven Project Leadership

As a collaborative, detail-oriented project manager, Raheel Dossani brings a strategic, adaptive approach to every engagement. He will serve as your dedicated primary point of contact, with HDR delivering confidently and consistently for the PMP on-call contract. **Raheel is committed to a clear, effective process, coordinating with team leaders to manage scope, align efforts, and deliver results with accountability.**

With ten years of experience in airfield civil engineering, Raheel has a strong background in airport planning, design, and construction management. His firsthand experience managing over \$95 million in construction provides valuable insight into how designs translate in the field. This practical knowledge helps him anticipate challenges, clarify plans, and reduce risks that lead to change orders, resulting in smoother project delivery. His expertise includes runway and taxiway rehabilitation and extension, new taxiway construction, geometry updates, and airfield drainage.

Raheel effectively manages complex on-call contracts, leading multi-disciplinary teams and executing multiple task orders. He drives progress through regular check-ins, strategic delegation, and a culture of continuous communication.

Raheel's recent work with the local FAA ADO on federally funded projects shows his ability to anticipate design challenges and proactively secure funding, including obtaining additional funds when costs exceeded projections. **Since 2019, he has been closely involved with PMP and has managed its CIP since 2022.** His efforts have secured \$5.3 million in federal funding, including leveraging expiring opportunities like the IJJA-AIG grant for upcoming taxiway construction.

Raheel's unique value lies in his ability to bridge complex engineering with clear communication, helping airport leadership navigate challenges and make timely decisions that **support the Airpark's safety and growth.**

"My goal is to fully support PMP Airpark in achieving their CIP vision, and I'm committed to working effectively with the FAA and FDOT to secure the funding that will make it a reality."

-RAHEEL DOSSANI



What is your role as Project Manager as it relates to helping the Airpark meet their goals for this program and leading the HDR team?

“For me, this contract is personal. I measure my success by the success of my clients, and I’m fully invested in helping the Airpark achieve its goals. Every project I lead is a reflection of that commitment. I’m proud of the team we’ve assembled—talented, dedicated professionals who make my job easier—but I know it still takes personal effort every day to guide, support, collaborate, and deliver. I don’t see myself just as a project manager; I see myself as a partner to the Airpark, here to help navigate challenges and find smart, practical solutions. I’m genuinely excited for the opportunity to continue working together and contributing to the success of this important CIP. In the end, it’s all about one thing—delivering results that matter.”

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach
- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE)
- Airport General Consultant, Miami-Dade Aviation Department (MDAD)
- General Engineering Consultant, Palm Beach County Department of Airports (PBCDOA)
- Airfield Design Improvements and Rehabilitation Program at Palm Beach International Airport (PBI), Palm Beach County Department of Airports (PBCDOA)
- General Engineering Consultant, Broward County Aviation Department (BCAD)
- A/E Design Services, North Airfield Development and Airfield Geometric Improvements, Metropolitan Washington Airports Authority

How will Raheel's experience translate to a successful contract?

✔ Through his prior experience, Raheel understands the importance to **LISTEN FIRST**—to fully grasp your objectives, preferences, requirements, and success criteria before moving forward.

✔ Raheel is an **EFFECTIVE COMMUNICATOR**. He knows how and when to engage Airpark staff and leadership in purposeful dialogue, making sure conversations are meaningful and respectful of their time.

✔ Raheel draws on a wealth of lessons learned from previous projects, allowing him to offer **CLEAR, DIRECT ANSWERS** to challenging questions and deliver technically sound, value-driven solutions tailored to your needs

✔ Raheel is **READY AND AVAILABLE** to serve as Project Manager. Once tasks are awarded, he is **FULLY COMMITTED** to allocating the necessary resources and managing the contract through to successful delivery and completion.

Team Overview and Experience

We remain committed to providing strong leadership, specialized aviation expertise, innovative solutions, and meaningful local insight. Our integrated, full-service team understands the critical challenges of each project and delivers a comprehensive range of engineering services to achieve successful outcomes.





We've committed the right local resources and can draw from our regional and national network of multidisciplinary professionals as needed. With a proven track record supporting municipalities on similar engineering consulting contracts, we excel at managing multiple concurrent assignments and operating as an extension of the City's staff.

Our team structure establishes clear roles, responsibilities, and lines of authority—an approach we've used successfully on numerous aviation general consulting programs, including our current contract with the Airpark. We've tailored our team specifically for your scope of work, making us exceptionally well-prepared to continued support your project-specific scopes. The following example highlights the roles and responsibilities of key team members for task-based project components.

Key Staff
















Key staff resumes are in Section 8.

PROJECT MANAGEMENT	PRINCIPAL IN CHARGE	QUALITY MANAGER	STRATEGIC ADVISOR	STRATEGIC ADVISOR
				
Raheel Dossani, PE Project Manager Experience: 10 years Fort Lauderdale, FL	Will Suero, PE, SVP Principal in Charge Experience: 34 years Fort Lauderdale, FL	Joe Grubbs, PE Quality Manager Experience: 34 years Pittsburgh, PA	Tim Fish, PE Infrastructure Experience: 22 years Charlotte, NC	Mark Day, PE*, AAE Grant Strategy Experience: 31 years Lexington, KY <i>(*Not registered in FL)</i>

TECHNICAL TASK LEAD	TECHNICAL TASK LEAD	TECHNICAL TASK LEAD	TECHNICAL TASK LEAD
			
Noemi Castillo, PE, PMP Planning & Environmental Experience: 14 years Tampa, FL	Will Bowdoin, PE Design - Civil/Site Experience: 19 years Tampa, FL	Galen VonGleich, RA, NCARB, LEED AP Design - Buildings Experience: 21 years Fort Lauderdale, FL	David Romano, PE Construction Management Experience: 32 years Fort Lauderdale, FL

Our Teaming Partners Bring Relevant Experience with the Airpark

The HDR team brings experts known to you; experts who have successfully worked together. Bringing decades of local knowledge and experience, our team offers the depth of resources necessary to accomplish your goals for this important project. HDR is fully committed to supporting the City and delivering services in a way that benefits the local economy through locally retained revenue, while also engaging the necessary expertise for success. As you will see, we have endeavored to maximize local DBE participation throughout the contract. By enhancing our team through these partnerships, we can help strengthen the local engineering community, increase capacity and foster strong professional relationships with other local firms.

HDR PARTNER FIRM	ROLE	BENEFIT TO THE AIRPARK		
		PMP EXPERIENCE	EXPERIENCE WITH HDR	DBE PARTNER
Chen Moore & Associates Stormwater Management and Permitting	<ul style="list-style-type: none"> Developed your previous stormwater master plan Anticipates how the changing regulatory landscape will affect your upcoming stormwater improvements 			
CRJ & Associates CEI & Resident; Project Representative	<ul style="list-style-type: none"> Field staff are qualified to drive in the AOA and communicate directly with air traffic control Experience in resolving construction issues and keeping projects on schedule 			
Cyriacks Environmental Consulting Services Environmental/Wildlife	<ul style="list-style-type: none"> Understands the particular species impacted by your upcoming projects Anticipates upcoming regulatory changes to mitigate construction impacts while keeping projects on schedule 			
Hammond & Associates Mechanical, Electrical, Plumbing	<ul style="list-style-type: none"> Local presence, national aviation experience, and a proven working relationship with our architects Limits the risk of plan conflicts between architecture and the building systems on your new air traffic control tower 			
KEITH & Associates General Utilities, Landscape Architecture, Surveying	<ul style="list-style-type: none"> Expertise in surveying on your airfield Working at City of Palm Beach for over a decade 			
Leo A Daly Architecture, Air Traffic Control Tower Design	<ul style="list-style-type: none"> Expertise in air traffic control tower communications, electronics, and regulations Prepared to design your tower radio, communications, and electronics upgrades 			
McFarland Johnson Airport Master Planning	<ul style="list-style-type: none"> Recognized leader in aviation planning Experience with aviation planning in GA airports similar to PMP 			
NV5 Geospatial Airspace Studies	<ul style="list-style-type: none"> Experienced with aerial mapping and GIS services, including state-of-the-art photogrammetric, lidar, satellite, airborne imaging, and mapping Provided airspace analysis for your RWY 10 PAPI obstruction surface 			
Quantum Electrical Engineering NAVAIDS/Airside Lighting & Signage; CEI & Resident Project Representative	<ul style="list-style-type: none"> Working at PMP for over a decade Understands the nuances of your airfield electrical system Knowledge will be key to a seamless relocation of your vault and beacon 			
Tierra South Florida Materials Testing; Geotech Testing & Analysis	<ul style="list-style-type: none"> Field testing crews have the expertise to work safely and efficiently in the AOA Working at PMP for several years 			



Chen Moore & Associates, Inc.

Founded in 1986, Chen Moore and Associates, Inc. (CMA) is an awarded Florida Corporation specializing in planning, civil engineering, water and sewer, water resources, electrical engineering, transportation, landscape architecture and irrigation, environmental, and construction administrative services. The firm has its headquarters in Fort Lauderdale, with regional offices in Miami, West Palm Beach, Tampa Bay (St. Petersburg), Orlando (Maitland), and Jacksonville, and additional offices in Jupiter, Port St. Lucie, Sarasota, Gainesville, Tallahassee, Atlanta, Raleigh (Cary), and Knoxville. CMA commits to providing responsive quality services while meeting the schedules and specific project needs of our clients. CMA has successfully worked for municipalities for over three decades, including experience with federally grant funded projects.

CRJ & Associates, Inc. (DBE)

CRJ & Associates, Inc. (CRJ) provides professional consulting services such as: project coordination and planning, civil engineering design, environmental engineering/permitting, water and sewer design, roadway engineering, stormwater design/modeling, and construction inspection services for projects. CRJ completed the Runway Incursion Mitigation at Miami Executive Airport as a subconsultant to HDR, that was almost a 3 year project. CRJ is currently teaming with HDR on the following contracts: PMP Continuing Contracts (E-10-22); General Engineering Aviation Consultant Services for the City of Fort Lauderdale (RFQ 12644-626); Civil Planning, Design, Engineering and Construction Management at PBIA (DOA 18-2B); and Taxilane H East Extension at Miami Executive Airport.

Cyriacks Environmental Consulting Services, Inc. (DBE)

Cyriacks Environmental Consulting Service, Inc. (CECOS) was established in Broward County in 2003 to provide public and private sector clients with high quality, professional environmental and ecological consulting services. Wendy Cyriacks, with over 35 years of environmental experience in Florida, is President of CECOS. They provide a wide range of environmental and ecological consulting services, including NEPA documentation, environmental planning, permitting, and monitoring, permit compliance, natural resource assessments, wetland mitigation and restoration, investigation and analysis of impacts on terrestrial, wetland and marine resources, GIS analysis, threatened and endangered species surveys, contamination, noise & air studies. CECOS has conducted NEPA and permitting projects and environmental monitoring and permit compliance for numerous federal agencies, including FAA, as well as several airports including PMP, Palm Beach International, Pahokee Airport, Lantana Airport and North County Airport. They have obtained numerous environmental permits from U.S. Army Corps of Engineers (USACE), South Florida Water Management District (SFWMD), Florida Department of Environmental Protection (FDEP), and Florida Fish and Wildlife Conservation Commission (FWC). For these projects, they conducted marine benthic surveys, wetland delineations, species surveys/Section 7 consultation, GIS wetland/habitat mapping, as well as agency coordination and mitigation.





Hammond & Associates, Inc. (DBE)

Hammond & Associates, Inc. is a trusted MEP/FP consulting engineering firm based in Plantation, FL. Established in 1988, they have over 35 years of experience delivering high-quality engineering solutions to local governments, municipalities, and public agencies throughout the South Florida tri-county region. Their team includes seasoned HVAC, electrical, plumbing, and fire protection professionals with deep expertise in both new construction and renovation projects. They are particularly adept at developing phased construction documents and schedules that minimize disruptions to ongoing operations. Hammond has held multiple contracts with agencies such as the Miami-Dade Aviation Department, and Broward County Aviation Department, where they have provided comprehensive engineering services for aviation terminals and related facilities. Their project portfolio also includes work on port terminals, public buildings, and infrastructure upgrades across Broward, Miami-Dade, and Palm Beach counties.



LEO A DALY

LEO A DALY is a full-service architecture, planning, engineering, and interior design firm. Their architectural and engineering experience spans over 108 years, with over 70 years in the aviation sector. During this time, they have provided planning, design, and engineering services for more than 300 ATCT, TRACON, and ARTCC projects throughout all FAA regions. LEO A DALY has a strong history of collaboration with HDR, having successfully completed 11 awarded projects across LEO A DALY's 10 studios, including the US 75 corridor in McKinney, TX, BCRUA Phase 2 initiatives in Volente and Round Rock, TX, and multiple infrastructure improvements in San Antonio. Currently, they are working with HDR on the UNMC Innovation Design Unit project in Omaha, NE. These projects highlight their proven ability to support HDR in delivering high-quality outcomes that meet project goals and client expectations.



KEITH & Associates, Inc.

KEITH & Associates, Inc. (KEITH) is a 60+ year old, majority woman owned, transdisciplinary firm, delivering a broad range of projects internationally. Based in Florida, KEITH has office locations in Miami-Dade, Broward, Palm Beach, St. Lucie, and Orange counties. Their team of over 200 professionals works every day to deliver on their mission to create, expand upon, preserve, and enhance communities. KEITH provides surveying and mapping, subsurface utility engineering, planning, civil engineering, transportation engineering, landscape architecture, and construction management services. They have collaborated with more than 75 local governments throughout Florida.



McFarland Johnson, Inc.

McFarland Johnson (MJ) is a recognized leader in aviation planning, engineering, and design services across South Florida and the broader Southeast region. Their experience includes projects at Fort Lauderdale-Hollywood International Airport, North Perry Airport, Miami-Dade Aviation Department airports, and Key West International Airport, among others. From airport master planning, environmental studies, and terminal development to airfield geometry design, obstruction analysis, and sustainability planning, MJ delivers innovative, resilient, and FAA-compliant solutions tailored to meet the unique operational and community needs of both commercial and general aviation airports. MJ's strong partnership with HDR has resulted in multiple successful project wins, with our teams working collaboratively to deliver high-quality outcomes on complex aviation and infrastructure initiatives. This proven teaming dynamic supports streamlined project delivery, technical excellence, and a shared commitment to serving the evolving needs of airport sponsors throughout the Southeast.



NV5 Geospatial, Inc.

NV5 Geospatial, Inc. (NV5) was founded in 1969 and is one of the nation's largest and most experienced full-service geospatial firms. They provide comprehensive aerial mapping and GIS services including state-of-the-art photogrammetric, lidar, satellite, airborne imaging, and mapping. Their client base includes a host of airport authorities; local, county, state, regional, and federal agencies; and many of the top engineering and industrial firms in North America. NV5 Geospatial staff includes Certified Photogrammetrists, Lidar Specialists, Pilots, Professional Engineers, Licensed Surveyors, Image Processing Specialists, GIS Specialists, CAD Technicians, and Image Analysts. NV5 Geospatial has extensive experience working with HDR on a wide range of projects, including the USACE Mobile Compliance/P2 IDIQ, e2M Marine and Biological Resources Monitoring IDIQ, DLA Mod/BCA, as well as numerous initiatives, such as dam safety, airport mapping, LiDAR surveys, and environmental compliance projects, demonstrating a proven track record of successful collaboration across federal, environmental, and infrastructure sectors.

Quantum Electrical Engineering, Inc. (DBE)

Quantum Electrical Engineering, Inc. is a full-service, women-owned professional engineering consulting firm located in West Palm Beach and Coral Springs, Florida. At Quantum Electrical Engineering, they value their clients' needs for safe, reliable, and operationally efficient designs by creating cost-effective engineering solutions delivered in a responsive, dynamic, and efficient way. Since their firm is built on this understanding, they have developed trusted, long-lasting relationships by conducting business with integrity, honesty, hard work, and accountability in a collaborative, solution-oriented environment. Quantum staff has extensive experience in airfield electrical design and construction inspection services throughout the state of Florida. Quantum has teamed with HDR on fourteen projects since 2020 in seven different airports in the tri-county area.

Tierra South Florida, Inc. (DBE)

Tierra South Florida, Inc. (TSFGeo), is a full-service consulting Geotechnical Engineering, Construction Materials Testing and Inspections firm with capabilities to provide test borings, engineering analyses and reports, AutoCAD and Microstation plan sheets, laboratory soils testing, and construction engineering inspection services. TSFGeo is a certified Disadvantaged Business Enterprise (DBE) with the Florida Department of Transportation and a certified Small Business Enterprise (SBE) with the SFWMD and Pinellas County. Their main office is in West Palm Beach, Florida with branch offices in Miami, Tampa, and Orlando. TSFGeo has successfully completed more than 325 aviation projects at more than 30 Florida airports, including more than 12 projects at PMP.



Experience with Projects that are Similar in Scope

We recognize that the technical requirements for individual design or production assignments under this continuing services contract can vary widely. Each project's unique scope and constraints must be fully addressed. Our team delivers the best value to the Airpark through a comprehensive range of local services, including engineering design, construction management and inspection, surveying, structural and mechanical support, geotechnical expertise, cost estimating and scheduling, grant assistance, electrical design, site plan analysis, environmental assessments, bidding support, architectural and landscape design, and airport master planning.

HDR has been serving airports throughout Florida on a continuing services basis for more than 50 years. Our experience with and understanding of how to quickly respond to on-call services contract needs has allowed us to provide the needed services, and we are ready to put our expertise to use to assist the Airpark with any task order. Our ability to provide all the services outlined in the RLI allows us to be your partner and address any issues that may arise on a project.

We take pride in our past performance and welcome you to contact our client references. The projects we've highlighted reflect the key services requested and demonstrate our ability to deliver comparable work—on time and within budget—over the past five years.

Relevant Experience Showcasing Our Ability to Deliver for PMP

Specific projects [successfully completed within the past five (5) years] where the team members have performed similar projects previously.

FIRM	PROJECTS	PLANNING & ENVIRONMENTAL	SITE DESIGN	BUILDINGS DESIGN	CONSTRUCTION
HDR Engineering	City of Pompano Beach, Professional Engineering and Consulting Services for the Pompano Beach Airpark	✈	✈		✈
	City of Fort Lauderdale, Fort Lauderdale Executive Airport General Consulting	✈	✈	✈	✈
	Broward County Aviation Department, Civil GEC	✈	✈	✈	✈
	Miami-Dade Aviation Department, Civil GEC	✈	✈		✈
	Palm Beach County Department of Airports, Civil GEC	✈	✈		✈
	Palm Beach County Department of Airports, Central Airfield Improvements	✈	✈	✈	✈
Chen Moore and Associates	City of Pompano Beach, NE 27th Ave & NE 16 St Stormwater Improvement		✈		✈
	Palm Beach County Department of Airports, PBI Cargo Access Improvements Design (sub to HDR)		✈		✈
	City of Pompano Beach, South Riverside Drive Stormwater Improvement	✈	✈		
CRJ and Associates	Miami-Dade Aviation Department, Runway Incursion Mitigation Project at Miami Executive Airport				✈
	Broward County Aviation Department, Taxiway A Extension at North Perry Airport				✈
	Miami-Dade Aviation Department, Terminal Wide Re-Roofing at Miami International Airport		✈	✈	✈

List continued on next page



Relevant Experience Showcasing Our Ability to Deliver for PMP (continued)

FIRM	PROJECTS	PLANNING & ENVIRONMENTAL	SITE DESIGN	BUILDINGS DESIGN	CONSTRUCTION
Cyriacks Environmental Consulting Services	Palm Beach County Department of Airports, Environmental Assessment for the Extension of Runway 14-32 at North Palm Beach County General Aviation Airport (F45)	✈			
	Palm Beach County Department of Airports, Improvements to Taxiways C and M & Expanding Concourse C Apron, Palm Beach International Airport	✈	✈		
	City of Pompano Beach, Pompano Beach Airpark, Runway 10-28 Safety Enhancements	✈	✈		
Hammond & Associates	Broward County Aviation Department, FLL/Hollywood International Airport Terminal 4 - East Phase		✈	✈	✈
	Miami-Dade Aviation Department, Terminals F to H Connectors			✈	✈
	Miami-Dade Aviation Department, Public Restrooms Modernization - Terminal E			✈	✈
KEITH & Associates	Miami-Dade Aviation Department, Bombardier Aircraft Service Center	✈	✈		✈
	Miami-Dade Aviation Department, MIA Central Base Apron and Utilities	✈	✈		✈
	City of Pompano Beach, Airpark Hangers Sheltair Pompano Beach, FL	✈	✈	✈	✈
Leo A Daly	Akron-Canton Airport, Airport Terminal Modernizations	✈	✈	✈	
	Phoenix Mesa Gateway Airport Authority, Air Traffic Control Tower	✈	✈	✈	
	Miami-Dade Aviation Department, GSE Facility & 20th Street Modifications	✈	✈	✈	
McFarland Johnson	Broward County Aviation Department, Ft. Lauderdale-Hollywood International Airport/ Broward County Planning and Advisory Services On Call	✈			
	Palm Beach County Department of Airports, North Perry Airport, New Air Traffic Control Tower (ATCT) Project Definition Document (PDD)	✈			
	Monroe County, Key West International Airport, Concourse A Terminal Expansion	✈	✈	✈	✈
NV5 Geospatial	City of Jonesboro Jonesboro Municipal Airport (JBR) Runway 5/23 Design	✈	✈		✈
	Solano County, Nut Tree Airport (VCB) ALP	✈			
	City of Palm Springs Aviation Department, Palm Springs Airport (PSP), Master Plan	✈			
Quantum Electrical Engineering	City of Pompano Beach, Pompano Beach Airpark, Runway 10-28 Rehabilitation		✈		✈
	City of Pompano Beach, Pompano Beach Airpark, Runway 10-28 Safety Enhancements		✈		✈
	City of Pompano Beach, Pompano Beach Airpark, Parcel Y Security Gate		✈		✈
Tierra South Florida	City of Pompano Beach, Pompano Beach Airpark, Construction Phase Services of Taxiway D				✈
	City of Pompano Beach, Kester Park Improvements, Pompano Beach				✈
	City of Pompano Beach, Security Enhancements Design Services, High Mast Lighting				✈

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RESUMES



Key Personnel



Raheel Dossani, PE PROJECT MANAGER

Raheel has 10 years of extensive experience in transportation design. Through his project involvements background, he offers wide-spread knowledge of various aspects in Airport design. His experience includes maintenance of traffic, pedestrian bridge, roadway design and landscape design. His computer experience includes AutoCAD Civil 3D, Aerial, FAARFIELD, Bluebeam, Revit, Synchro, InRoads, Navisworks, MicroStation and AutoTurn. His technical background aids him in his extensive BIM experience, including the management and coordination in design and plan production between various disciplines.

“As your Project Manager and professional engineering consultant, I will proactively advance PMP’s safety and infrastructure, allowing for its growth by securing federal funding and providing valuable Federal Funding guidance”.

EDUCATION

BS, Civil Engineering,
Florida Atlantic University, 2015

REGISTRATIONS

Professional Engineer - Civil/Structural/
Mechanical, Florida, No. 89831

INDUSTRY TENURE

10 years

HDR TENURE

8 years

VALUE TO POMPANO BEACH AIRPARK

- ◆ **Proven Leadership in Complex Airfield Design Projects:** Proactively manages and delivers complex airfield capital improvement and maintenance projects, allowing for efficient execution through meticulous scheduling and consistent team oversight.
- ◆ **Deep Airfield Engineering & Construction Acumen:** Brings extensive experience in airport planning, design, and construction management, with insights gained from overseeing over \$95 million in construction, leading to clearer contract documents.
- ◆ **Strategic Federal Funding Success:** Demonstrated track record in securing critical federal funding, including obtaining \$5.3 million for PMP, and proactively identifying and strategizing for expiring grant opportunities like the IJA-AIG.
- ◆ **PMP Institutional Knowledge:** Possesses a deep understanding of PMP’s operations and infrastructure, having managed its CIP since 2022, enabling immediate effectiveness and tailored solutions from day one.
- ◆ **Empowering Informed Leadership Decisions:** Excels at translating complex engineering challenges into clear, actionable options using visual exhibits, providing strategic recommendations that empower confident decision-making for Airpark leadership.

RELEVANT EXPERIENCE

Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL

Project Manager. HDR serves as the City’s General Consultant for PMP. To date, HDR has delivered work authorizations totaling \$2.3M in professional services and \$10.9M in construction value. Services range from planning to design and construction and involve architecture, civil engineering, grant support, disadvantage business enterprise program development, structural, and mechanical/electrical/plumbing/fire design for horizontal and vertical facilities. Raheel was in charge of designing MOT, utilities, roadway geometry, and pavement marking plans.

General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL

Project Designer and Construction Administration. HDR is in its second consecutive term as the City’s General Consultant for FXE. To date, HDR has delivered 15 task orders in 2 years totaling \$900,000 in professional services and \$10,000,000 in construction value. Services range from planning to design and construction and involve architecture, interior design, civil engineering, structural, and mechanical/electrical/plumbing/fire design for horizontal and vertical facilities. Raheel was responsible for designing airfield projects pertaining to geometry additions, pavement rehabilitation, and develop ways to mitigate soil erosion due to jet blast around the run-up area. In addition, Raheel was also the lead construction administrator managing airfield projects varying from airfield lighting modifications to pavement geometry updates.

Key Personnel

Raheel Dossani (Continued)

Airport Civil Consulting Services, Palm Beach County Department of Airport, Palm Beach County, FL

Project Engineer. HDR serves as the prime consultant delivering on-call civil engineering and related services for the Palm Beach County Department of Airports (DOA) at their commercial service airport, PBI, and their 3 general aviation airports. HDR has delivered 14 task orders totaling \$2 million in design value and \$25 million in construction value. Services range from planning and design to construction phase and commissioning. Projects include 4 runway rehabilitations, ramp expansion, and terminal and cargo roadway access improvements. Raheel was responsible for plans production and technical construction documents, and served as the project manager for several task orders.

Airport General Consultant, Miami-Dade Aviation Department, Miami-Dade County, FL

Project Designer and Construction Administrator. MDAD selected HDR to provide general civil engineering services on a task order basis for a six-year term. These projects involve rehabilitation and improvements to aprons, taxiways, runways and underground utilities terminal-wide including demolition, repair, foundations, bridges, utility relocations, fueling, canal culvert, passenger loading bridges and appurtenances at Miami International Airport (MIA), its five general aviation airports, and the MIA General Aviation Center. Scope of services includes program verification, schematic design, design development, contract documents, bidding assistance, and construction phase services. Raheel was the lead designer working on airfield MOT plans, pavement geometry, grading and drainage, and pavement marking plans. Raheel is providing construction administration services for this contract for an airfield safety improvement project.

Airfield Design Improvements and Rehabilitation Program at Palm Beach International Airport, Palm Beach County Department of Airports, Palm Beach County, FL

Project Engineer. HDR provided professional design and engineering services for the rehabilitation of primary parallel Taxiways B and F for Runway 14-32. The project also included the rehabilitation of the Runway 14-32 shoulders, hot spot mitigation, stormwater, permitting, and upgrades to NAVAIDs. Our scope of services included program validation, schematic design, design development, contract documents, project management, bidding assistance, and construction administration. For this project, we incorporated advanced aircraft movement modeling into the geometric design and phasing, which considered the mobility of the specialized military aircraft based at PBI. This advanced movement modeling supported the project's Construction Phasing and Safety Plan and minimized the project's impact on an airfield with three other concurrent construction projects, as well as for weekly Temporary Flight Restrictions during presidential visits. Raheel was responsible for plans production and technical construction documents.

Taxiway Intersection Improvements Construction Observation Services, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL

Construction Project Manager and Senior Resident Project Representative (RPR). HDR provided construction phase services which involved construction engineering and inspection (CEI) services for a project designed by a different consultant at the FXE airfield. Construction activities consisted of mobilization and demobilization, maintenance of traffic, erosion control, demolition, excavation, embankment, subgrade preparation, base course, asphalt surface course, pavement markings, grading for drainage, and sodding around the project limits. HDR prepared daily reports, led construction meetings, and completed RPR duties. Raheel was responsible for leading construction meetings, addressing construction issues, reviewing daily reports, and reviewing quality assurance test reports.

Key Personnel



Will Suero, PE, SVP PRINCIPAL IN CHARGE

Will has more than 30 years of experience in project management and the design of transportation engineering projects, including FDOT projects since 1994. Currently Will primarily serves as Principal in Charge for HDR contracts across multiple business lines for our South Florida program. This includes Aviation, Highways/Bridges, Maritime, and Transit sectors, where HDR develops planning, project development, and final design for multidisciplinary transportation projects. As Principal in Charge, Will is equally responsible to support the HDR project manager and project team for resource prioritization as well as serving as another point of contact with the client project team, including leadership.

"From day one, our team will be all in—deeply engaged and fully committed to the success of the Airpark. As the Project Principal, I will bring the skills, experience, and leadership needed to deliver excellence. I'm excited to work side by side with you to expand the Airpark's capacity through smart design and quality construction that reflects our shared vision."

EDUCATION

BS, Civil Engineering, University of Central Florida, 1990

REGISTRATIONS

Professional Engineer -
Civil, Florida, No. 49224
Civil, California, No. 52834

INDUSTRY TENURE

34 years

HDR TENURE

23 years

VALUE TO POMPANO BEACH AIRPARK

- ◆ Brings more than three decades of experience in managing and designing transportation projects across South Florida.
- ◆ Leads with insights gained from other South Florida aviation projects, providing strategic oversight and guiding a multidisciplinary team of construction, geotechnical, and airfield experts to deliver cohesive, technically sound solutions.
- ◆ Provides leadership to support Airpark projects being guided by the right expertise and positioned for successful outcomes.

RELEVANT EXPERIENCE

General Engineering Consultant, Broward County Aviation Department, Broward County, FL
 Senior Project Manager on Miscellaneous Assignments. Open-ended engineering consulting services contract for the Broward County Aviation Department in Broward County, Florida. HDR led a team of specialty subconsultants in support of BCAD's current development programs via a five-year, \$9.3 million task order contract. The range of projects performed by our team included environmental engineering services; airside infrastructure studies and improvements; safety, security, and communication projects; tenant improvements; airport facility refurbishments and improvements; terminal development improvements; landside infrastructure studies; airport development; and airport capital project support. Will supported the project team with Taxiway C assessments, related to forensic engineering of the prior construction phase and resultant rutting that led to a follow up reconstruction of the taxiway.

Fort Lauderdale - Hollywood International Airport (FLL), Taxiway C Pavement Design Construction & Inspection Evaluation, Broward County Aviation Department, Fort Lauderdale, FL

Senior Engineer/Task Manager. HDR was assigned the task of performing a forensic study to determine potential causes of the failure of new asphalt pavement which had been installed on Taxiway C at the Fort Lauderdale-Hollywood International Airport (FLL). Significant rutting was observed shortly after the new pavement was installed and we were immediately called in to begin evaluating the pavement. HDR conducted a thorough review of the pavement design, quality of materials used, workmanship, performed quality control measures implemented during construction, and materials test results during construction. Based on this review, HDR issued a report which summarized the results of the forensic study and provided the probable cause of the failure. As part of this report, HDR also developed a range of repair alternatives and solutions, and prepared detailed cost estimates to assist BCAD in determining a rehabilitation approach. Will served as the Task Lead and provided technical analysis coordination oversight with a multi-disciplinary team of construction, geotechnical, and airfield pavement technical experts.

Key Personnel

Will Suero (Continued)

PD&E Study for I-95 from Commercial Boulevard to Cypress Creek Road, FDOT District 4, Broward County, FL

Principal in Charge. HDR provided transportation planning and traffic engineering services to support FDOT District 4's Project Development and Environment (PD&E) study for interchange improvements for I-95 between Commercial Boulevard and Cypress Creek Road in Fort Lauderdale, FL. HDR led the traffic analysis activities in the project development process and alternatives evaluation. HDR also developed innovative interchange solutions to be analyzed with microsimulation and prepared the Systems Interchange Modification Report for the mainline and interchange preferred alternative. In addition, HDR performed an inventory of the existing ITS equipment in the project limits and we evaluated impacts/modifications to the ITS components resulting from the project improvements. HDR was also responsible for evaluating multimodal accommodations and impacts (railroad, transit, FXE airport) included as part of the preferred alternative.

SW 10th Street Connector Corridor Design Consultant, FDOT District 4, Broward County, FL

Project Manager. HDR led the development of design phase concept plans and multi-disciplinary corridor design to allow the two PD&E studies (one for SW 10th Street and one for the SW 10th Street/I-95 interchange) to move towards construction implementation. The post-PD&E preferred alternative activities included master planning, traffic reevaluation, environmental, permitting, utility coordination, cost estimating, project scheduling, constructability assessment for segmentation, and determination of the appropriate delivery method. HDR was also responsible for development of RFP packages to allow FDOT to procure construction contracts for implementation of the full improvements. HDR led the development of the Phased Design Build RFQ, for use by FDOT to procure the Phased Design Build (PDB) Firm on this \$1.3B, 7+ year program. During the PDB planning and design phases, HDR will lead the review of the phase submittals for consistency with the RFQ and overall program goals. HDR's ITS team is responsible for the Transportation Technology Arena of the overall program. Major transportation technology elements include a \$36M+ standalone Transportation Systems Management & Operations (TSM&O) project deploying technologies on 26 miles of surrounding arterials consisting of cutting-edge Smart Work Zone (SWZ), Advanced Transportation Management System (ATMS), connected vehicle, Adaptive Traffic Control System (ATCS), integration, operations and maintenance, and staff training. HDR continues to carry out community outreach.

I-75 Managed Lanes Procurement, FDOT District 4, Broward County, FL

Principal in Charge. HDR provided major program management support in the project development and procurement to implement the 75 Express Lanes along the I-75 corridor in northwest Miami-Dade County and southwest Broward County. HDR's responsibilities included preparation of preliminary plans (30% plans including line and grade, cross sections, drainage swales/ponds, etc.) for the section of I-75 from NW 170th Street in Miami-Dade County, to north of Miramar Parkway in Broward County. Work within these limits included the reconstruction of the I-75 at Miami Gardens Drive/NW 186th Street interchange, as well as the full build-out of the system-to-system interchange of I-75 at the Florida Turnpike (Homestead Extension of the Florida Turnpike, HEFT). HDR also led the preparation of the Request for Proposal (RFP) document that serves as the basis for multiple stand-alone projects (each bid as some form of alternative delivery, such as design-build). Will worked on this corridor from the PD&E Study throughout the procurement, final design, and construction phases, in the first major Interstate corridor in District 4 to incorporate major Park and Ride Lots and multimodal corridor alternatives during the PD&E Phase, as well as the extension of the south Florida Express Lanes network on this major western urban area major Interstate Highway.

Key Personnel



“Airport projects have been the core of my career—I’ve successfully delivered many over the past 34 years. I’m excited to bring that depth of experience to our partnership at the Airpark and to tackle any challenges that come our way with confidence and proven solutions.”

EDUCATION

BS, Civil Engineering,
 Youngstown State University, 1990

REGISTRATIONS

Professional Engineer -
 Civil, Florida, 2005
 Civil, Virginia, 2006
 Civil, Pennsylvania, 1995
 Civil, New York, 1997
 Civil, Ohio, 1999
 Civil, Arizona, 2002

INDUSTRY TENURE

34 years

HDR TENURE

7 years

Joe Grubbs, PE QUALITY MANAGER

Joe is an Aviation Business Class Director and has 34 years in the aviation industry. During this time, he gained expertise and first-hand experience on a broad range of aviation design projects, including pavement evaluation; concrete and bituminous pavement design; rehabilitation and de-icing collection system design. His experience also includes construction management and program management for airfield runway, taxiway and apron pavements, roadway pavements, drainage systems and airfield lighting systems. Within the past 10 years, Joe served as the program, project and design manager for three military airfield projects worth more than \$90 million in construction, and he led more than 10 commercial airfield projects worth more than \$880 million in construction. He served as a key team member on a recent runway project that opened in Columbus, Ohio, which deployed the first runway in North America lit entirely by light-emitting diodes (LED). The project won the Airport Council International - North America’s Environmental Achievement Award, becoming the first airfield project ever to win this award.

VALUE TO POMPANO BEACH AIRPARK

- ◆ Experience includes construction and program management for airfield pavements, roadways, drainage, and lighting systems.
- ◆ Brings strong quality management experience on airport projects, with first-hand expertise across a wide range of aviation design initiatives—including airfield infrastructure, facilities, and systems—supporting high standards from concept through construction.
- ◆ Committed to rigorous quality management throughout all project phases, from planning and design to construction, with a focus on meeting PMP’s expectations, regulatory standards, and long-term performance goals.

RELEVANT EXPERIENCE

Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL

Senior Technical Advisor. HDR served as the City’s General Consultant for PMP. To date, HDR has delivered work authorizations totaling \$450,000 in professional services and \$5,000,000 in construction value. Services range from planning to design and construction and involve architecture, civil engineering, structural, and mechanical/electrical/plumbing/fire design for horizontal and vertical facilities. As Aviation Business Class Director, Joe’s role is to oversee and guide the technical delivery of our business companywide.

Fort Lauderdale Executive Airport General Engineering Consultant (FXE), City of Fort Lauderdale, Fort Lauderdale, FL

Senior Technical Advisor. HDR is in its second consecutive term as the City’s General Consultant for FXE. To date, HDR has delivered 15 task orders in 2 years totaling \$900,000 in professional services and \$10,000,000 in construction value. Services range from planning to design and construction and involve architecture, interior design, civil engineering, structural, and mechanical/electrical/plumbing/fire design for horizontal and vertical facilities. Responsible for leading a team of thirty staff and seven subconsultants providing planning, architectural, engineering, environmental, land development, and construction services for the airport. Notable projects include rehabilitation of primary Runway 9-27, interior planning and renovation of the Administration Building, electrical vault renovation, and expansion of the Airport Equipment Service Building. As Aviation Business Class Director, Joe’s role is to oversee and guide the technical delivery of our business companywide.

Key Personnel

Joe Grubbs (Continued)

Airport General Consultant, Miami-Dade Aviation Department, Miami-Dade County, FL
Senior Technical Advisor. MDAD selected HDR to provide general civil engineering services on a task order basis for a six-year term. These projects involve rehabilitation and improvements to aprons, taxiways, runways and underground utilities terminal-wide including demolition, repair, foundations, bridges, utility relocations, fueling, canal culvert, passenger loading bridges and appurtenances at Miami International Airport (MIA), its five general aviation airports, and the MIA General Aviation Center. Scope of services includes program verification, schematic design, design development, contract documents, bidding assistance, and construction phase services. As Aviation Business Class Director, Joe's role is to oversee and guide the technical delivery of our business companywide.

Airport Civil Consulting Services, Palm Beach County Department of Aviation, Palm Beach County, FL

Senior Technical Advisor. HDR serves as the prime consultant delivering on-call civil engineering and related services for the Palm Beach County Department of Airports (DOA) at their commercial service airport, PBI, and their 3 general aviation airports. HDR has delivered 14 task orders totaling \$2 million in design value and \$25 million in construction value. Services range from planning and design to construction phase and commissioning. Projects include 4 runway rehabilitations, ramp expansion, and terminal and cargo roadway access improvements. As Aviation Business Class Director, Joe's role is to oversee and guide the technical delivery of our business companywide.

General Engineering Consultant, Broward County Aviation Department, Broward County, FL

Senior Technical Advisor. Open-ended engineering consulting services contract for the Broward County Aviation Department in Broward County, Florida. HDR led a team of specialty subconsultants in support of BCAD's current development programs via a five-year, \$9.3 million task order contract. The range of projects performed by our team included environmental engineering services; airside infrastructure studies and improvements; safety, security, and communication projects; tenant improvements; airport facility refurbishments and improvements; terminal development improvements; landside infrastructure studies; airport development; and airport capital project support. As Aviation Business Class Director, Joe's role is to oversee and guide the technical delivery of our business companywide.

Terminal Apron Program, Fort Lauderdale Hollywood International Airport (FLL), Fort Lauderdale, FL

Senior Technical Advisor. The Terminal 4 (T-4) Apron Civil Works project was part of the overall Airport Expansion Program (AEP) at the Fort Lauderdale-Hollywood International Airport. This project modified the existing airport terminal utility infrastructure and required HDR to facilitate the Terminal 4 Gate Replacement Project. The project required the rehabilitation of existing Taxilane Tango and the existing Terminal 4 Apron. The project also expanded the current apron area to the east allowing for additional gates and Remain Over Night (RON) parking. HDR performed the design of all airfield pavements utilizing the FAA FAARFIELD design software.

Key Personnel



“Airports encounter a wide range of challenges daily, with the central focus being how to manage growing air traffic in a way that is efficient, safe, and sustainable. I’m excited to contribute my aviation expertise in an advisory role to help PMP leverage funding opportunities and effectively manage their capacity and expansion while successfully delivering key projects.”

EDUCATION

BS, Civil Engineering, University of Missouri, Columbia, 2004

REGISTRATIONS

Professional Engineer, Florida, No. 70617

INDUSTRY TENURE

22 years

HDR TENURE

14 years

Tim Fish, PE

STRATEGIC ADVISORY - INFRASTRUCTURE

Tim has more than 22 years of combined experience in construction management and civil engineering design. He brings impressive experience in airport planning and design to his projects, along with firsthand airfield construction experience. He is very active in the aviation community, previously serving a two-year term as Secretary for the Airport Consultants Council’s Engineering Technical Committee. In this role, he assisted in facilitating and providing reviews of FAA AC’s, and worked with other professionals to move forward key items that impact the aviation industry. His effective leadership and listening skills gains the respect of his clients and project teams. Tim has experience in managing on-call contracts which require coordination of a multi-disciplined team and the managing of multiple task work orders simultaneously. In these roles, he has been responsible for contract management, subconsultant/contractor oversight, project scheduling, regulatory compliance and permitting, FAA coordination and design-build-operation management. Tim brings a great deal of technical expertise to help empower others to transform their approach to solving problems. He has led efforts to provide 4D and 5D design elements for complex airfield projects and programs, allowing both the airport sponsor and impacted stakeholders to see firsthand potential impacts to operations, schedules and cost of proposed improvements during the planning and design phase.

VALUE TO POMPANO BEACH AIRPARK

- ◆ Experienced in managing on-call contracts, overseeing multi-disciplinary teams and multiple task orders, with responsibilities spanning contract management, subconsultant oversight, scheduling, regulatory compliance, permitting, FAA coordination, and design-build-operation execution.
- ◆ Skilled in identifying value-added solutions that reduce construction time and costs while maintaining revenue-generating operations.
- ◆ Ability to bring in subject matter experts and additional labor resources from dozens of other HDR aviation design centers to serve the Airpark.

RELEVANT EXPERIENCE

General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
 Principal in Charge. HDR is in its second consecutive term as the City’s General Consultant for FXE. To date, HDR has delivered 15 task orders in 2 years totaling \$900,000 in professional services and \$10,000,000 in construction value. Services range from planning to design and construction and involve architecture, interior design, civil engineering, structural, and mechanical/electrical/plumbing/fire design for horizontal and vertical facilities.

General Engineering Consultant, Broward County Aviation Department, Broward County, FL
 Project Manager. Open-ended engineering consulting services contract for the Broward County Aviation Department (BCAD). HDR led a team of specialty subconsultants in support of BCAD’s current development programs via a five-year, \$9.3 million task order contract. The range of projects performed by our team included environmental engineering services; airside infrastructure studies and improvements; safety, security, and communication projects; tenant improvements; airport facility refurbishments and improvements; terminal development improvements; landside infrastructure studies; airport development; and airport capital project support. Tim is responsible for an open-ended engineering consulting services contract in support of BCAD’s current development programs via a five-year, task order contract.

Key Personnel

Tim Fish (Continued)

Airport General Consultant, Miami-Dade Aviation Department, Miami-Dade County, FL
Project Manager. MDAD selected HDR to provide general civil engineering services on a task order basis for a six-year term. These projects involve rehabilitation and improvements to aprons, taxiways, runways and underground utilities terminal-wide including demolition, repair, foundations, bridges, utility relocations, fueling, canal culvert, passenger loading bridges and appurtenances at Miami International Airport (MIA), its five general aviation airports, and the MIA General Aviation Center. Scope of services includes program verification, schematic design, design development, contract documents, bidding assistance, and construction phase services. Tim led the development of design scopes and budgets for each task. Tim also worked closely to develop an overall Quality Management Plan that addressed the expedited design schedule, including virtual page turns, use of Bluebeam Revu to track all comments and their resolution, and a more detailed communication plan with MDAD staff and stake holders so that all of their comments were addressed in addition to the independent review comments through the QA/QC process.

Airport Civil Consulting Services, Palm Beach County Department of Aviation, Palm Beach County, FL

Principal in Charge. HDR serves as the prime consultant delivering on-call civil engineering and related services for the Palm Beach County Department of Airports (DOA) at their commercial service airport, PBI, and their 3 general aviation airports. HDR has delivered 14 task orders totaling \$2 million in design value and \$25 million in construction value. Services range from planning and design to construction phase and commissioning. Projects include 4 runway rehabilitations, ramp expansion, and terminal and cargo roadway access improvements. Tim served as a technical design advisor on multiple airside design projects.

Palm Beach International Airport Airfield Design Improvements and Rehabilitation Program, Palm Beach County Department of Airports, Palm Beach County, FL

Project Manager. HDR provided professional design and engineering services for the rehabilitation of primary parallel Taxiways B and F for Runway 14-32. The project also included the rehabilitation of the Runway 14-32 shoulders, hot spot mitigation, stormwater, permitting, and upgrades to NAVAIDs. Our scope of services included program validation, schematic design, design development, contract documents, project management, bidding assistance, and construction administration. For this project, we incorporated advanced aircraft movement modeling into the geometric design and phasing, which considered the mobility of the specialized military aircraft based at PBI. This advanced movement modeling supported the project's Construction Phasing and Safety Plan and minimized the project's impact on an airfield with three other concurrent construction projects, as well as for weekly Temporary Flight Restrictions during presidential visits. Tim was responsible for all design, engineering, and construction phase services.

National Jets FBO Facility Complex Expansion at Fort Lauderdale Hollywood International Airport, Fort Lauderdale, FL

Project Manager. HDR serves as National Jets architectural and engineering partner in the implementation of their multi-year phased re-development improvement program. The program includes a new FBO terminal, new hangars, and office buildings. HDR is performing all required site plan development, architecture, civil, mechanical, electrical and plumbing design. We're also aiding with multi-phased approach, development of program phasing, architectural design of the FBO and hangars, design of all infrastructure improvements, performing parking studies, and multi-agency coordination, and assisting in procuring competitive bids. We're utilizing our latest visualization tools to determine building layout, interior architecture interior design, and specific functionality. HDR is assisting National Jets in obtaining required approvals to meet the lease requirements with the Broward County Aviation Department.

Key Personnel



"Airports of all sizes are economic engines for their community, supporting business and recreation users on the ground and in the air. Though I am approaching 25 years of varied aviation experience, supporting airports in keeping their airfields safe and efficient never gets old."

EDUCATION

MA, Educational Administration,
 Southern Baptist Theological Seminary,
 1998

BS, Civil Engineering, University of
 Kentucky, 1995

REGISTRATIONS

Professional Engineer - Civil, Kentucky,
 No. 24306

AAE - Accredited Airport Executive

INDUSTRY TENURE

31 years

HDR TENURE

1 year

Mark Day, PE, AAE

STRATEGIC ADVISORY - GRANT SUPPORT

Mark is a Senior Aviation Consultant for HDR. He served for 17 years as the Vice President of Planning and Development for Blue Grass Airport and brings a variety of program and project management experience. He managed and implemented the airport's capital plan, which included a variety of infrastructure, planning, and development efforts. The diverse number of airfield, landside and terminal projects that he oversaw required balancing funding needs and operational impacts, while keeping long-term facility goals in mind. Delivering improvements for the community, airlines and other airport users, required him to partner with many agencies, some of which had competing interests. Mark understands the owner's perspective and has a reputation for finding solutions to complex problems.

VALUE TO POMPANO BEACH AIRPARK

- ◆ Knowledgeable in the critical role of securing FAA and FDOT funding.
- ◆ Ability to use national resources to quickly take advantage of funding opportunities.
- ◆ Experienced in managing and delivering various projects, with a focus on operations within active runway areas.
- ◆ Skilled in performing constructability reviews to identify and resolve potential issues from design through construction.
- ◆ Recognizes the critical need to reduce operational impacts during project execution.

RELEVANT EXPERIENCE

Runway 10-28 Rehabilitation Design, Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL

Senior Aviation Consultant. HDR rehabilitated the full length and width of the runway pavement of Runway 10-28 at PMP. Tasks included replacement of the runway lighting system with LED fixtures and minor grading of the runway shoulders and safety area where existing grades exceeded minimum or maximum threshold.

Blue Grass Airport General Engineering Services, Lexington, KY

Project Manager. HDR was hired in early 2024 to manage their general engineering services contract. As the project manager, Mark works alongside the LEX staff to program management services for their construction, design, planning contracts. Various duties have included FAA coordination, project scope eligibility and grant justification, project accounting and staff training. As the airport is experiencing a large project volume, project types have included a master plan, terminal planning, roadway and surface parking design, hangar development, a fuel farm, and siting of an air traffic control tower.

Cincinnati/Northern Kentucky International Airport Airfield Pavement Rehabilitation Construction Services, Erlanger, KY

Deputy Project Manager. HDR was hired to perform construction administration services and design reviews. This multi-year contract initially included taxiway and runway projects in the middle of one of the busiest cargo airports in the United States. Upcoming phases include additional taxiways and aircraft parking ramps around Concourse A. Mark helps to coordinate a team made up of aviation design firms and regional construction inspection staff.

Metropolitan Nashville Airport Authority Independent Cost Estimating Services, Nashville, TN

Project Manager. HDR's expertise was solicited to support the airport's engineering staff with their largest progressive design-build project, a \$250M central ramp expansion project. Nashville is home to hubs for Southwest and American Airlines and is experiencing record passenger growth. The owner desired to have an experienced design firm work with the contractor to develop independent cost estimates so that the owner could negotiate a reasonable cost and meet aggressive construction deadlines.

Key Personnel

Mark Day (Continued)

NON-HDR EXPERIENCE

Blue Grass Airport Capital Program Management, Lexington, KY

Vice President, Planning and Development. Developed and managed the airport's capital plan on a routine basis. This required knowledge of FAA guidance on a variety of airfield, terminal and support facilities. Mark worked with the Federal Aviation Administration, the Transportation Security Administration, the Lexington-Fayette Urban County Airport Board, airline corporate and operational leaders, the fixed base operator, general aviation companies, and other management companies to find mutually beneficial solutions to growth needs. To implement these, he also worked with local, state and federal agencies on all aspects of planning and environmental.

Blue Grass Airport Runway 4-22 Rehabilitation, Lexington, KY

Owner's Representative/Project Manager. Mark oversaw the planning, design and rehabilitation/construction of the airport's only commercial service runway. He worked with the Federal Aviation Administration to overcome significant challenges to the runway safety area, pavement slopes, in-pavement lighting and the addition of two EMAS beds. Advanced planning with four airlines, community stakeholders and a limited asphalt market resulted in a successful 72-hour "paving weekend," which minimized traffic disruption, saved significant administrative costs, and provided the safest construction environment.

Blue Grass Airport Air Traffic Control Tower Relocation, Lexington, KY

Owner's Representative/Project Manager. Based on Master Plan outcomes, the airport needs to construct a new terminal, add a multi-level parking garage, relocate its primary terminal access road and relocate a rental garage. At the center of this activity is short air traffic control tower that was constructed in 1970. Mark worked with an FAA approved siting consultant to identify three potential future tower sites. The FAA has accepted the study and is taking over the project, working with the airport to continue the final siting, funding plan and environmental concerns.

Blue Grass Airport Master Plan, Lexington, KY

Owner's Representative/Project Manager. Both in 2012 and in 2023, Mark headed long range planning efforts for 5-, 10- and 20-year forecasts. Every aspect of the airport was considered to meet significant increases in passenger traffic, airline fleet changes, technology, aircraft parking, vehicle parking, roadway demand, security improvements, hangar demand, concessionaire needs and rental car facilities. Further, environmental concerns and airspace needs were evaluated, while being sensitive to impacts to neighboring thoroughbred facilities. While many improvements were recommended in the plan, the primary result is the construction of a new passenger terminal and parking facilities.

Blue Grass Airport Aircraft Rescue and Fire Fighting Facility, Lexington, KY

Owner's Representative/Project Manager. To construct a new taxiway, the airport had to construct a new firefighting building. Siting to minimize response time and environmental concerns led to the 23,000 square foot facility that housed three platoons, four response vehicles and various training equipment. Impacts to the air traffic control tower line of sight, a blue line stream, emergency response time, and FAA funding limitations drove design parameters for space that included residential, administrative and training needs.

Blue Grass Airport Terminal Road Relocation and Parking Expansion, Lexington, KY

Owner's Representative/Project Manager. Due to increased overall traffic and peak traffic windows, the airport terminal road and surface parking lots were being taxed. Improvements included relocation of an underground airfield electrical vault, roadway realignment, parking technology, a new cell phone waiting lot, expanded passenger parking, expanded employee parking and pedestrian safety measures.

Key Personnel



Noemi Castillo, PE, PMP PLANNING & ENVIRONMENTAL TASK LEAD

Noemi is a Project Manager and Associate at HDR with 26 years of diverse environmental consulting experience including managing, preparing and coordinating environmental assessments, reviews and impact statements in accordance with the National Environmental Policy Act (NEPA), noise monitoring and noise analyses, air quality analyses, environmental compliance monitoring during construction and design build projects, waterfront permitting, site assessments, site investigations, site remediation, dredging, procurement, cost estimating, and telecommunications siting. Noemi has presented on topics related to environmental reviews (EISs and EASs), noise analyses and air quality analyses.

“As a task lead, I’m proud to support the Airpark with comprehensive planning and environmental expertise. Our goal is to guide every step of the project to align with regulatory requirements, protect natural resources, and promote sustainable growth. We’re committed to delivering smart, forward-thinking solutions that help the Airpark thrive today—and well into the future.”

VALUE TO POMPANO BEACH AIRPARK

- ◆ Proven expertise in airport planning for general aviation airports, with a strong focus on master planning, business strategy, and environmental compliance.
- ◆ Experience leading NEPA efforts, including strategy development, agency coordination, environmental documentation, air quality analysis, and the General Conformity process.
- ◆ Extensive background with the NEPA process, coordinating with stakeholders, developing NetZero energy building strategies, and assessing design impacts to minimize effects on FAA NAVAIDs and supporting infrastructure.

RELEVANT EXPERIENCE

Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL

Environmental. HDR served as the City’s General Consultant for PMP. To date, HDR has delivered work authorizations totaling \$450,000 in professional services and \$5,000,000 in construction value. Services range from planning to design and construction and involve architecture, civil engineering, structural, and mechanical/electrical/plumbing/fire design for horizontal and vertical facilities.

JetBlue/FLL Terminal 5, Cypress Pedestrian Walkway, City of Fort Lauderdale, Fort Lauderdale, FL

Environmental Lead. Broward County Aviation Department Terminal 5 is intended to serve as a critical “gate-capacity enhancement bridge” between the ongoing Terminal Modernization Expansion Program and the recommended improvements identified in the 2020 Master Plan Updates (MPUs) Phase 1 Program. The new Terminal 5 will provide five new aircraft gates, a new access roadway system, Terminal 4/Terminal 5 connector bridge, and a pedestrian bridge from Terminal 5 to the Cypress Parking Garage. HDR is serving as lead of the roadway design, maintenance of traffic (MOT), and permitting. We are also the lead architect for the Cypress Parking Garage connector.

Runway Extension Environmental Assessment, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL

NEPA Lead. HDR is providing environmental services to the City for the preparation of an Environmental Assessment (EA) for the extension of Runway 9-27 at FXE. Runway 9-27 is approximately 6,002 feet long and the FXE desires a 1,000-foot extension to serve the growing demand of air travel to the City. The determination of runway extension has been made by the Airport as a result of their Airport Master Plan and a Project Justification Study accepted by the Federal Aviation Administration. This task consists of the production of an EA for the Runway 9 extension.

EDUCATION

ME, Environmental Engineering, Manhattan College, 2004

BS, Environmental Engineering, Manhattan College, 2000

INDUSTRY TENURE

26 years

HDR TENURE

24 years

Key Personnel

Noemi Castillo (Continued)

Tamiami Trail Phase 2 Design-Build, FDOT District 6, Miami-Dade County, FL

Noemi was responsible for leading the contamination assessment for the project, including a Phase I ESA and a Phase 2 Site Investigation. HDR leads the post design and post award support services for the FDOT District 6 Tamiami Trail Project between Miami and Naples. The project involves removal of existing portions of the Tamiami Trail and replacing them with bridges to help restore flow to the southern portions of the Everglades.

South Selmon PD&E, Tampa Hillsborough Expressway Authority, Tampa, FL

Noemi is the environmental task leader for the environmental review for the South Selmon Expansion PD&E Study which evaluates capacity improvements along approximately 4.5 miles of the Selmon Expressway [State Road (SR) 618].

I-275 PD&E Study, Contamination Screening Evaluation Report, FDOT District 7, Tampa, FL

Noemi was the overall task leader for updating the Contamination Screening Evaluation Report (CSER) based on the project updates. The FDOT is conducting a PD&E Study to evaluate the need for capacity and operational improvements along 7.70 miles of State Road 93 (SR 93)/Interstate 275 (I-275) from north of Dr. Martin Luther King Jr Boulevard (MLK Boulevard)/State Road 574 (SR 574) to north of Bearss Avenue/SR 678/County Road 582 (CR 582) in Hillsborough County, Florida. A draft CSER was previously prepared using information from corridor screening performed in 2015. The draft CSER update was based on a 2018 review for potential contamination sites in proximity to the project corridor, as well as newly identified pond sites for the project.

Northern Turnpike Extension, Alternative Corridor Evaluation, Florida Turnpike Enterprise, Multiple Counties, FL

Noemi assisted with the environmental screening and Alternative Corridor Evaluation (ACE) to evaluate the extension of Florida's Turnpike [State Road (SR) 91] from its northerly terminus in Wildwood to a logical and appropriate terminus as determined by FDOT per Senate Bill (SB) 100 and its implementing statute, Section 339.68 Florida Statutes (F.S.). Noemi performed the alternative corridor evaluation for the project, including preparation of the advance notification, Methodology Memorandum, Preliminary Environmental Discussion and Alternative Corridor Evaluation Report.

LPGA Boulevard from Tymber Creek Road and Williamson Boulevard, NEPA documentation, FDOT District 5, Volusia County, FL

Noemi is the environmental task leader for the environmental review for the Project Development and Environment (PD&E) Study to comply with NEPA. Noemi is responsible for coordinating all environmental assessments, including the Noise Study Report (NSR), Cultural Resource Assessment Survey (CRAS), Natural Resource Evaluation (NRE), Contamination Screening Evaluation Report (CSER).

The New NY Bridge (Tappan Zee Hudson River Crossing), Tappan Zee Constructors / New York State Thruway Authority, Westchester-Rockland County, NY

Noemi was the Noise/Vibration/Air Quality Task Leader on behalf of Tappan Zee Constructors LLC. She was responsible for developing environmental compliance plans, implementing environmental compliance plans, performing regular inspections of construction activities and equipment including noise monitoring, and developing compliance reports, in accordance with the contract documents and the SEQRA EIS. Noemi was responsible for the creation of an equipment database to document real-time in the field pertinent equipment information. She was also responsible for noise modeling performed by TZC using the FHWA TNM for proposed noise walls. Noemi was interim Deputy Environmental Compliance Manager and assisted in overseeing the Project's Environmental Compliance activities including underwater noise, water quality and airborne air/noise monitoring.

Key Personnel



"HDR's work isn't just about building infrastructure, it's about creating lasting value for the city. By designing with purpose, implementing with precision, and securing the funding to sustain it all, we enable leaders to focus on what truly matters: managing thriving, future-ready aviation facilities."

EDUCATION

BS, Civil Engineering, Auburn University, 2008

REGISTRATIONS

Professional Engineer, Florida, No. 77574

INDUSTRY TENURE

19 years

HDR TENURE

5 years

Will Bowdoin, PE

DESIGN - CIVIL/SITE TASK LEAD

Will has 19 years of experience in airfield design pertaining to aprons, taxiways, and runways; stormwater and utility permitting; and construction observation services. His current general responsibilities with HDR include project management, planning, design, and supervision over production of engineering drawings. He also carries out specific assignments in preparing and assembling specifications. He performs engineering calculations, field observations of construction where appropriate, data acquisition and analysis, and prepares material for reports and permit applications.

VALUE TO POMPANO BEACH AIRPARK

- ◆ Focused on securing funding for your CIP project, allowing you to focus on Airpark operations.
- ◆ Proven success programming, design, and construction of general aviation infrastructure projects.
- ◆ Experience leading project teams to deliver projects on schedule and within budget.

RELEVANT EXPERIENCE

Runway 28 Safety Enhancement Design, Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL

Deputy Project Manager. HDR was responsible for engineering planning, design, bid, and construction phase services for the Runway 10-28 Safety Enhancements project. Responsibilities included the extension of Runway 28 by 185-ft, demolition of 3 taxiway connectors, construction of 1,200-ft of new taxiways, correction of Hot Spot 2, realignment of a vehicle service road, and the associated electrical, signage, lighting, and stormwater management facilities.

Parcel Y Access Gate, Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL

Deputy Project Manager. HDR was responsible for preparing construction documents to construct a new electric sliding security gate to serve as the entrance to the new Pompano Aviation FBO currently planned on Parcel "Y" and lies along the existing AOA fence accessed from the intersection of NE 16th Street and NE 5th Avenue.

Airport General Consultant, Miami-Dade Aviation Department, Miami-Dade County, FL

Aviation Engineer. MDAD selected HDR to provide general civil engineering services on a task order basis for a six-year term. These projects involve rehabilitation and improvements to aprons, taxiways, runways and underground utilities terminal-wide including demolition, repair, foundations, bridges, utility relocations, fueling, canal culvert, passenger loading bridges and appurtenances at Miami International Airport (MIA), its five general aviation airports, and the MIA General Aviation Center. Scope of services includes program verification, schematic design, design development, contract documents, bidding assistance, and construction phase services.

Airport Civil Consulting Services, Palm Beach County Department of Airport, Palm Beach County, FL

Deputy Project Manager. HDR serves as the prime consultant delivering on-call civil engineering and related services for the Palm Beach County Department of Airports (DOA) at their commercial service airport, PBI, and their 3 general aviation airports. HDR has delivered 14 task orders totaling \$2 million in design value and \$25 million in construction value. Services range from planning and design to construction phase and commissioning. Projects include 4 runway rehabilitations, ramp expansion, and terminal and cargo roadway access improvements.

Key Personnel

Will Bowdoin (Continued)

General Engineering Consultant, Broward County Aviation Department, Broward County, FL
Aviation Engineer. HDR led a team of specialty subconsultants in support of BCAD's current development programs via a five-year, \$9.3 million task order contract for open-ended engineering consulting services. The range of projects performed by our team included environmental engineering services; airside infrastructure studies and improvements; safety, security, and communication projects; tenant improvements; airport facility refurbishments and improvements; terminal development improvements; landside infrastructure studies; airport development; and airport capital project support.

Expansion of Runway 9R-27L, Fort Lauderdale-Hollywood International Airport (FLL), Fort Lauderdale, FL

Supported in airfield design engineering for this \$780 million runway expansion program. This project provides for the planning, design, bid support, and construction administration and oversight for a new 8,000-foot runway, full-length parallel taxiway, connecting taxiways, and runway-end aircraft aprons. Additional airfield components include three north-south, full-length taxiways and two aircraft sequencing aprons. The new Runway 9R-27L will extend over the FEC Railroad, airport perimeter road, terminal entrance roadways, and future light rail corridor as well as eight lanes of US 1. Runway and taxiway structures will support the aircraft infrastructure above while protecting and allowing normal vehicular and train traffic to continue below. These runway and taxiway structures meet National Fire Protection Association life safety standards. Although the structures will be constructed by a selected design-build team, the project scope includes development of structures to a 30 percent level. The project will construct over 500,000 square yards of pavement on approximately 6 million cubic yards of embankment and structure. In addition to airfield civil design, other design-related responsibilities include supporting aviation electrical infrastructure, lighting and signage, stormwater drainage system, and navigational aids. Responsible for the airfield geometric design, demolition, and clearing and grubbing construction plans.

Palm Beach International Airport Airfield Design Improvements and Rehabilitation Program, Palm Beach County Department of Airport, Palm Beach County, FL

Project Manager. HDR provided professional design and engineering services for the rehabilitation of primary parallel Taxiways B and F for Runway 14-32. The project also included the rehabilitation of the Runway 14-32 shoulders, hot spot mitigation, stormwater, permitting, and upgrades to NAVAIDs. Our scope of services included program validation, schematic design, design development, contract documents, project management, bidding assistance, and construction administration. For this project, we incorporated advanced aircraft movement modeling into the geometric design and phasing, which considered the mobility of the specialized military aircraft based at PBI. This advanced movement modeling supported the project's Construction Phasing and Safety Plan and minimized the project's impact on an airfield with three other concurrent construction projects, as well as for weekly Temporary Flight Restrictions during presidential visits.

Key Personnel



'With a background in aviation and transportation architecture, I'm excited to bring my expertise to this project and contribute to a facility that not only meets operational needs but enhances the passenger and staff experience. My focus will be on delivering smart, functional design solutions that reflect the unique character and future vision of the Airpark.'

EDUCATION

MArch, Montana State University, Bozeman, 2003

BArch, Montana State University, Bozeman, 2002

REGISTRATIONS

Registered Architect, Florida, No. AR97234

Architects Registration Board, No. NCARB 79028

INDUSTRY TENURE

21 years

HDR TENURE

1 year

Galen VonGleich, RA, NCARB, LEED AP

DESIGN - BUILDINGS TASK LEAD

Galen is a Senior Architect with more than 21 years of experience. He brings an exemplary knowledge of a variety of project types, ranging from aviation and transportation projects to civic and park facilities. Galen has extensive project experience with schematic design, design development, project review for compliance with building and accessibility codes, preparation of construction drawings, specification writing, and coordination work of consulting architects and engineers. His experience also includes contract administration through the construction services phase and field experience.

VALUE TO POMPANO BEACH AIRPARK

- ◆ Extensive experience in schematic design, design development, code compliance reviews, construction drawing preparation, specification writing, and coordination with consulting architects and engineers.
- ◆ Hands-on experience with contract administration during construction and direct involvement in on-site design activities.

RELEVANT EXPERIENCE

National Jets FBO Facility Complex Expansion at Fort Lauderdale Hollywood International Airport, National Jets, Fort Lauderdale, FL

Deputy PM/Senior Architect. HDR serves as National Jets architectural and engineering partner in the implementation of their multi-year phased re-development improvement program. The program includes a new FBO terminal, new hangars, and office buildings. HDR is performing all required site plan development, architecture, civil, mechanical, electrical and plumbing design. We're also aiding with multi-phased approach, development of program phasing, architectural design of the FBO and hangars, design of all infrastructure improvements, performing parking studies, and multi-agency coordination, and assisting in procuring competitive bids. We're utilizing our latest visualization tools to determine building layout, interior architecture interior design, and specific functionality. HDR is assisting National Jets in obtaining required approvals to meet the lease requirements with the Broward County Aviation Department. Galen was responsible for the design of all the vertical structures.

North Carolina Global TransPark C-130 Facilities Design, State of North Carolina Department of Transportation (NCDOT), Kinston, NC

QA/QC Reviewer. The State of NC and the US Navy have partnered to develop a new \$400M+ aircraft industrial complex to serve a new mission requirement for Fleet Readiness Center East (FRCE) to perform depot level maintenance of KC/C-130J aircraft at the NC Global TransPark (NCGTP) in Kinston, NC. The project includes development of a 65-acre site, 750,000 SF of buildings, and 100,000 SY of airfield pavements. HDR is serving as the Program Manager and Designer of Record to include development of planning documents, 100% design, and construction management support responsibilities. Galen was responsible for the architectural QA/QC review of the entire project.

P-993 F-35 Sustainment Facility Design, NAVFAC Mid-Atlantic, MCAS Cherry Point, NC

QC Checker. DBB design services for a new F-35 Depot Level Maintenance Hangar at MCAS Cherry Point, NC. The sustainment facility will consist of two air-conditioned hangar bays for the F-35 aircraft RMO. To contribute towards the clean-energy focused federal sustainability goals of having a net zero emissions building portfolio by 2045, including a 50 percent emissions reduction by 2032, the sustainment facility will be designed as a Net Zero Greenhouse Gas Pilot Project. Galen was responsible for QC checking of the architectural scope.

Key Personnel

Galen VonGleich (Continued)

NON-HDR EXPERIENCE

SFRTA Northern Layover Facility, South Florida Regional Transportation Authority (SFRTA), West Palm Beach, FL

Project Principal. The scope included design of the crew base building and train wash structures. Galen oversaw the design of each which included a life cycle study on whether the buildings should be constructed as pre-engineered metal buildings or traditional concrete and steel. Understanding the Client's long term needs and uses for the building was critical to determining which type of construction would be the most beneficial.

Terminal 4 and FIS Facility at FLL, Broward County, Fort Lauderdale

BIM Manager. Galen developed the BIMxP (Building Information Modeling Execution Plan) for the reconfiguration and expansion project. The project involved several areas done in three phases, with over ten separate design consultants. The BIMxP was carefully crafted to account for the sheer number of consultants and utilized the native phase management within the BIM software to be at the forefront of the technology.

FDOT Statewide Continuing Services Contract, Statewide, FL

Contract Manager. Galen managed and was the project architect for 15 projects conducted under the contract. He met with stakeholders within each district to define goals and provide pragmatic solutions for their needs. Notable projects included:

- District 6 EOC Study: Site analysis, programming, and master planning to add an Emergency Operations Center to the existing campus.
- District 6 Restrooms: Design and post-design services for restroom renovations in two of the campus buildings.
- District 4 Check-in Desk: Design and post-design services for a new check-in desk with enhanced security measures.
- District 7 Restrooms: Design services for restroom renovations in main HQ building.
- District 7 Chiller Replacement: Pre-design and design services for replacement chillers at the SunPass building.

Other projects include a fuel dispenser and tank replacement, fuel canopy replacements, water intrusion studies, water and sewer replacements, electrical equipment replacements, HVAC system replacements, and a parking lot modification

New Public Works Complex, City of Oakland Park, Oakland Park, FL

Deputy Project Manager / Project Architect. Galen oversaw pre-design and design services for a new \$26.5 million dollar facility that includes Public Works Operations and Administration Building that included Emergency Operations Center, a Storage Warehouse, a Fleet Maintenance Building, and a central yard for vehicle parking and material storage. Galen conducted the project programming and master planning which involved multiple interviews with the end users for determining the space needs and required adjacencies. From this effort, Galen developed multiple conceptual master plan options, each with varying levels of building arrangements, square footage space and budgets. Once an option was chosen, Galen oversaw the schematic and design development tasks including generating the site and floor plan layouts, code analysis, and leading the sub-consultants.

Wave Streetcar Station Design and Maintenance Facility Design Criteria, SFRTA/FDOT District 4, Fort Lauderdale, FL

Project Architect. The project consisted of two stages. In the first stage Galen worked with the prime consultant to do the station design, approximately 14 locations. This consisted of meeting with the stakeholders to establish goals and needs, from which conceptual prototypes were developed and one chosen for further development. Galen formulated an early design goal to have consistent vertical elements for each station for economies of scale but were also flexible in layout to adjust to the varying conditions along the alignment. In the second stage of the project, the delivery method changed to design build. Galen worked with the prime consultant to turn the station designs into design criteria and developed design criteria for the vehicle maintenance and storage facility.

Key Personnel



David Romano, PE CONSTRUCTION TASK LEAD

“As a seasoned Construction Task Lead, I prioritize safety, schedule, and cost control while staying adaptable to overcome challenges in the field. I take pride in leading by example, motivating teams, and mentoring staff to deliver successful projects efficiently and collaboratively.”

EDUCATION

MS, Construction Management,
Florida International University, 1995

BS, Civil and Architectural Engineering,
University of Miami, 1993

REGISTRATIONS

Professional Engineer, Florida, No. 63817

INDUSTRY TENURE

32 years

HDR TENURE

5 years

David specializes in the areas of Construction Engineering Inspection and Management (CEI&M). He has worked as a Construction Engineer on various construction projects in Broward, Miami-Dade and Palm Beach Counties with an aggregate dollar value of over \$400 million. He is experienced in coordinating with multiple agencies, leading efforts with utility owners, relocation work schedules, businesses and residents with public and community outreach, informing all stakeholders of anticipated work schedules, closures, and planned detours. He is proactive and sensitive to the timely resolution of issues, with a proven focus on completing projects on time and within budget. David is knowledgeable in all facets of CEI responsibilities including oversight of construction operations, administration, public relations, quality control, and issue resolution. David is a proven Construction Manager that understands safety, project schedules and timeliness, cost tracking, estimating, and forecasting. He is a troubleshooter that can adapt to mitigate impacts during construction. He is a team leader who enjoys motivating people, training staff, and is committed to mentoring his team effectively and efficiently.

VALUE TO POMPANO BEACH AIRPARK

- ◆ Recent PMP experience with overseeing all construction engineering operations, including administration, management, quality control, sampling and testing, and project closeout.
- ◆ Experienced in coordinating with agencies and utility owners, leading relocation efforts, and managing public outreach.
- ◆ Comprehensive knowledge of all aspects of CEI, including construction oversight, administration, public relations, quality control, and issue resolution.

RELEVANT EXPERIENCE

Safety Enhancements Construction Services, Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL

Senior Project Engineer. HDR provided construction support services for a design project. Responsibilities included CA services, RPR, wildlife mitigation, aerial survey, and electrical RPR. The project scope consisted of extending RWY 10-28 to the east and performing taxiway modifications to assist with the elimination of runway incursions. Specific project components include drainage modifications within the project infields; extending RWY 10-28 185 feet to the east; partial demolition of Taxiways K, L, and E; construct new Taxiway G6 and G7 to serve RWY 15-33; extend Taxiway G from Taxiway L to new Taxiway G7; and relocation of the existing perimeter road. David was responsible for overseeing the entire construction engineering operations, administration, management, sampling and testing, quality control of construction, and preparing and submitting the closeout package for this project.

NAVAIDS Infrastructure Fort Lauderdale/Hollywood International Airport, Airport Expansion Program, Broward County, FL

Task Manager. Assisted the Resident Compliance Specialist who was hired by Odebrecht-Central Florida Equipment a Joint Venture to verify compliance for the duration of the project. Assisted the contractor in achieving compliance with section 005400-2 as defined in the contract between Broward County and Central Florida Equipment & Odebrecht Joint Venture. Also assisted the contractor in meeting required compliance throughout the project, according to the requirements of the AIP Handbook.

Key Personnel

David Romano (Continued)

Palm Beach International Airport Airfield Design Improvements and Rehabilitation Program, Palm Beach County Department of Airports, Palm Beach County, FL

Project Engineer. HDR provided professional design and engineering services for the rehabilitation of primary parallel Taxiways B and F for Runway 14-32. The project also included the rehabilitation of the Runway 14-32 shoulders, hot spot mitigation, stormwater, permitting, and upgrades to NAVAIDs. Our scope of services included program validation, schematic design, design development, contract documents, project management, bidding assistance, and construction administration. For this project, we incorporated advanced aircraft movement modeling into the geometric design and phasing, which considered the mobility of the specialized military aircraft based at PBI. This advanced movement modeling supported the project's Construction Phasing and Safety Plan and minimized the project's impact on an airfield with three other concurrent construction projects, as well as for weekly Temporary Flight Restrictions during presidential visits. David performed construction management services including review of monthly progress pay estimates, review and recommendation of change order requests, and reviewing and tracking progress of construction schedule.

Airport Civil Consulting Services, Palm Beach County Department of Airports, Palm Beach County, FL

Project Engineer. HDR serves as the prime consultant delivering on-call civil engineering and related services for the Palm Beach County Department of Airports (DOA) at their commercial service airport, PBI, and their 3 general aviation airports. HDR has delivered 14 task orders totaling \$2 million in design value and \$25 million in construction value. Services range from planning and design to construction phase and commissioning. Projects include 4 runway rehabilitations, ramp expansion, and terminal and cargo roadway access improvements. The cargo roadway access improvements enhance the connectivity between the airside cargo processing facility, Terminal Drive, and major arterials I-95 and State Road 80 for cargo trucks. David performed construction management services including review of monthly progress pay estimates, review and recommendation of change order requests, and reviewing and tracking progress of construction schedule.

CEI Services for Broward MPO Design-Build Regional Complete Streets Initiative Project, FDOT District 4/Broward Ops Center, Broward County, FL

Senior Project Engineer/Project Administrator. This Design-Build project consisted of safety and mobility improvements to six project corridors, including constructing approximately 9 miles of bike and pedestrian facilities, including buffered bike lanes, multi-purpose path, widening, ADA-compliant ramps and sidewalks, street lighting, drainage, signal upgrades, signing & pavement markings, IIRPMs, hardscape features, landscaping, and irrigation. David was responsible for managing the contract, field staff, administration, reviewing and tracking submittals, permits, final as-builts, material certifications and submittal of the Final Estimates package. D-B Firm: Weekley Asphalt Paving, Inc./ A& P Consulting Engineers. Recipient of the 2023 FTBA Best in Construction Award for Community Awareness and Quality Construction.

US-1/Federal Highway Beautification, LAP, City of Delray Beach/FDOT District 4, FHWA, Palm Beach County, FL

Senior Project Engineer. He was responsible for overseeing the entire construction engineering operations, administration, management, and quality control of construction for this project. The scope of the project consists of complete reconstruction, including widening for a street parking area, the addition of a 4-foot bike lane, new left turn lane, new sidewalks, curb and gutter, decorative lighting, sod placement, and water main upgrades. The remainder of the US-1 project will consist of milling and resurfacing, including some overbuild areas, pavement markings, drainage modifications, construction of bulb-outs in the radius returns of the side streets, new traffic signal loops at all intersections, new underground traffic signal interconnect system, irrigation, and landscaping.

Project Team



Sagar Bethu, PE*, PMP

AIRSIDE PAVEMENT DESIGN

MS, Civil Engineering, Kansas State University
 BS, Civil Engineering, Osmania University
 College of Engineering, India

*Not registered in FL

Sagar has more than 21 years of experience in the field of infrastructure (airfields, roadways, bridge decks) evaluation, design, and project management. He has the unique experience of representing and managing projects both on behalf of the state agency (60+ projects for MDOT-Maryland Aviation Administration) and consulting firms (50+ projects). Sagar's areas of expertise include project management, client relationships, forensic investigations, specification writing, pavement evaluation, pavement management, pavement design, and construction management.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL
- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- General Engineering Consultant, Broward County Aviation Department, Broward County, FL
- General Civil Engineering Services, Miami-Dade Aviation Department, Miami-Dade County, FL



Matthew Blankenship

AIRPORT PLANNER

BS, Aviation Management, St. Cloud State University

Mathew is an aviation planner with more than 17 years of experience in the aviation industry. His involvement includes airport master plans, airport layout plans (ALPs), user surveys, terminal area plans, and airspace analysis and obstruction evaluations at airports ranging from GA to small-hub commercial service airports. He specializes in developing all ALP components, including Part 77 obstruction surveys, Airports GIS (AGIS) survey requirements, land use planning, facility requirements and layout, and capital improvement plans. Matt has experience with cross-disciplinary teams of various professional backgrounds, and has a record of success securing federal, state and local approval of airfield designs, airport layout plans and supporting documentation. With his background in the various aspects of aviation planning, Matt is familiar with the preliminary planning process, and has developed relationships that streamline these critical submittal processes that allow projects to proceed on course and on schedule.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL
- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- General Civil Engineering Services, Miami-Dade Aviation Department, Miami-Dade County, FL



Peter Bredehoeft, Jr., CEP

COST ESTIMATING/SCHEDULING

BS, Construction Management, Ferris State University
 AA, Civil Engineering Technology, Ferris State University
 AA, Land Surveying, Ferris State University

Pete has more than 35 years of experience and has completed more than 3,300 cost estimates on all levels, including program management, conceptual bonding type estimates, order of magnitude project estimates, design development estimates, construction document estimates, final design estimates, operations/maintenance estimates and change order-type definitive level estimates. He is an expert in the cost estimating process and procedures for programs. Pete is a specialist in estimating location or area adjustment factors and in escalation development and commodity trends. He has extensive program management experience (5 to 15 major programs) on large capital improvement plans. Pete is a specialist in the implementation, integration, and automation of program management tools. He has implemented and is the administrator of the Estimating Benchmarking Tool that tracks historical estimates, actuals, unit prices, ratios and metrics, and professional services.

Relevant Experience:

- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- CDIA Runway 18C End-Around Taxiway, Charlotte/Douglas International Airport, Charlotte, NC
- C-44 Reservoir and STA Recreational Features, South Florida Water Management District, FL



Maurene Balmaseda

PUBLIC INFORMATION AND COMMUNITY INVOLVEMENT

BS, Environmental Studies, Florida State University

Maurene is a dynamic communicator, planner, and public outreach professional with more than 14 years of experience. Maurene has state DOT and MPO experience on a variety of projects and initiatives. Her broad background includes facilitating the complex NEPA public involvement process for multi-million dollar NEPA Studies, crafting educational campaigns for a variety of disciplines, administering MPO grant programs, various transportation planning document development, and organizational management consulting.

Relevant Experience:

- FLL Southwest Airlines Terminal One Modernization Program, Fort Lauderdale-Hollywood International Airport, Broward County, FL
- I-95 Corridor Design Consultant Phase 3, FDOT District 4, Broward and Palm Beach Counties
- General Planning Contract - Complete Streets Community Engagement TWO, Broward Metropolitan Planning Organization (MPO), Broward County, FL
- SW 10th Street Connector Corridor Design Consultant, FDOT District 4, Broward County, FL

Project Team



Esther Chitsinde
 ENVIRONMENTAL/NEPA
MS, Environmental Science, Texas Christian University (TCU)
BS, Environmental Science, Texas Christian University (TCU)

Esther is a results-oriented planner and environmental scientist with experience in project management, environmental planning and compliance, innovation, sustainability and digital transformation strategy development. Esther led the DFW Airport NEPA and Special Projects program responsible for securing federal approvals resulting in more than \$450M in federal funding and more than \$12M in direct cost savings over 5-years. Esther is a collaborative thought-leader with demonstrated success securing NEPA approvals and fostering strong relationships with complex stakeholders and regulatory entities such as FAA, FHWA, FTA, USEPA, USACE, TxDOT, TCEQ, THC, TPWD, and NCTCOG.

Relevant Experience:

- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- Dallas Fort Worth International Airport (DFW Airport) 19th Street Cargo Redevelopment Environmental Assessment (EA), Dallas, TX
- DFW Central Terminal Area (CTA) Expansion Program (Terminal F, Terminals A & C Expansion, and Terminal C Reconstruction Projects), Dallas, TX
- DFW Airport Runway 17R/35L Rehabilitation Environmental Assessment (EA), Dallas, TX



Giadha Colome, EIT
 AIRSIDE PAVEMENT MARKINGS; CEI &
 RESIDENT PROJECT REPRESENTATIVE
BS, Civil Engineering, University of Central Florida

Giadha has experience in field engineering including plans, schedules, estimations, and surveying. She also provides Airside Resident Project Representative (RPR) services for construction activities such as excavation, asphalt placement, pavement markings, and electrical installation. Giadha's software skills include Bluebeam, Microsoft Office Suite, and AutoCAD Civil 3D. She has joined HDR's Aviation team and will be responsible for assisting in plan production using AutoCAD Civil 3D, preparing technical construction documents, preparing construction cost estimates, preparing construction schedules, and providing field observation services.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL
- Airport Civil Consulting Services, Palm Beach County Department of Airports, Palm Beach County, FL
- Central Airfield Improvements, Palm Beach Department of Airport, West Palm Beach, FL
- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- General Civil Engineering Services, Miami-Dade Aviation Department, Miami-Dade County, FL



Shaun Cruz
 AIRSIDE PAVEMENT MARKINGS;
 AIRFIELD OPERATIONS; CONSTRUCTION
BS, Civil Engineering, Florida International University

Shaun has approximately three years of experience in civil aviation, comprising two years in full-time engineering roles and one year as an intern. His project background provides comprehensive knowledge of airport design and construction. He has delivered RPR services and construction administration across multiple projects. Additionally, he is technically proficient in AutoCAD Civil 3D, Aviplan, and Bluebeam, which support his design and plan production.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL
- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- General Civil Engineering Services, Miami-Dade Aviation Department, Miami-Dade County, FL
- Central Airfield Improvements, Palm Beach Department of Airport, West Palm Beach, FL
- Airport Civil Consulting Services, Palm Beach County Department of Airports, Palm Beach County, FL



Taymour El Hosseiny, PhD, PE*
 STORMWATER MANAGEMENT & PERMITTING
PhD, Hydraulic Engineering, University of Guelph
MS & BS, Civil Engineering/Construction Management, Ain Shams University

*Not registered in FL

Taymour is a senior civil engineer with more than 33 years of experience in the planning, design and implementation of wastewater conveyance systems. He performs hydraulics and hydrologic (H&H) computer modeling to develop model structures, calibration, and results analyses. He applies his experience to the preparation of sewer master plans, stormwater mitigation planning, sanitary/combined sewer overflow (CSO) elimination programs, collection system operational plans, flow optimization, flow monitoring programs, and development of capital improvement projects. Taymour is versed in the SWMM computer program and its proprietary versions to simulate hydraulics and hydrology for complex and non-complex modeling solutions to evaluate alternatives. He has extensive experience with Infiltration/inflow (I/I) analysis from public and private sources, and stormwater management solutions.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL
- Stormwater Management Plan Update, Charlotte Douglas International Airport, Charlotte, NC
- Oil Water Separator, Charlotte Douglas International Airport, Charlotte, NC

Project Team



Zachary Hovey
 ENVIRONMENTAL/WILDLIFE
BS, Environmental Biology, University of South Florida

Zach is an environmental biologist with more than 9 years of experience and a background in aquatic plant management, nuisance and invasive vegetation management, and wetland science. He is currently training to delineate wetlands, perform listed species surveys, and become an FWC authorized gopher tortoise agent.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL
- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- Airport Civil Consulting Services, Palm Beach County Department of Airports, Palm Beach County, FL



Eric Martin, SE
 STRUCTURAL
MS, Civil Engineering, University of North Carolina, Charlotte
BS, Civil Engineering, North Carolina State University

Eric has more than 17 years of diverse experience in civil/structural engineering analysis and design. Most of his experience has been concentrated in water, environmental, industrial, and municipal facilities. Eric has special design skills including finite element analysis, concrete and steel design, specification writing, and construction administration services.

Relevant Experience:

- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- FXE Taxiway Intersection Improvements, City of Fort Lauderdale, Fort Lauderdale, FL
- FXE Administration Building Renovations, City of Fort Lauderdale, Fort Lauderdale, FL
- FXE Airfield Electrical Vault Improvements, City of Fort Lauderdale, Fort Lauderdale, FL
- Early Site Package, Terminal Modernization Program (TMP), Pittsburgh International Airport, Pittsburgh, PA
- CDIA Runway 18C End-Around Taxiway, Charlotte/Douglas International Airport, Charlotte, NC
- Design Repair of Taxiway A (DO31), Mountain Home AFB Elmore County, ID



Kevin Might, RLA
 LANDSCAPE ARCHITECTURE
MS, City and Regional Planning, The Ohio State University
BS, Landscape Architecture, The Ohio State University

Kevin is an experienced Landscape Architect with more than 36 years of experience and expertise in the design and delivery of complex landscape projects. He has successfully managed multi-disciplinary consultant teams and is experienced in grading, road alignment, dimensioning, construction documents, construction administration, contractor interaction/relationship, and project management. He has a reputation for completing projects on time and under budget, and has had extensive interaction with external consultants, engineers, subcontractors, and regulatory officials.

Relevant Experience:

- JetBlue/FLL Terminal 5, Cypress Pedestrian Walkway, City of Fort Lauderdale, Fort Lauderdale, FL
- Airport Civil Consulting Services, Palm Beach County Department of Airports, Palm Beach County, FL
- SW 10th Street Connector Corridor Design Consultant, FDOT District 4, Broward County, FL
- General Engineering Consultant, FDOT District 6, Districtwide, FL



Susan Rich, PE*
 GRANT SUPPORT/FDOT/
 FAA COORDINATION
MS, Civil Engineering, University of Louisville
BS, Civil Engineering, University of Louisville
**Not registered in FL*

Susan has more than 33 years of aviation experience, she has managed commercial and general aviation airport projects from concept through construction. At the onset of a project, she has prepared and/or reviewed preliminary cost estimates, preliminary drawings including alternatives, and preliminary development schedules. Her project involvement continues throughout the final design, the bidding phase, construction, and ending with project closeout. Susan is experienced with various aviation specific skills including geometric aspects of airport design, airport planning, development of construction plans and specifications, cost estimates, construction submittal reviews, and management of field observation and inspection services.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL
- Central Airfield Improvements, Palm Beach County Department of Airports, West Palm Beach, FL
- Airport Civil Consulting Services, Palm Beach County Department of Airports, Palm Beach County, FL
- General Civil Engineering Services, Miami-Dade Aviation Department, Miami-Dade County, FL

Project Team



Adam Senk, PE
 FIRE PROTECTION

*MS, Fire Protection, University of Maryland
 BS, Architectural Engineering, Penn State
 University Park*

Adam is a registered Fire Protection Engineer with more than 18 years of experience in the field. Responsibilities include life safety and building code compliance. He is versed in the following codes and standards but not limited to: International Building Code, International Fire Code, NFPA Standards, and FM Standards. His role includes building code analysis, life safety analysis, design of automatic detection and suppression systems, and water supply analysis.

Relevant Experience:

- General Aviation Consultant, Fort Lauderdale Executive Airport (FXE), Fort Lauderdale, FL
- Aviation Equipment Service Building Expansion, City of Fort Lauderdale, Fort Lauderdale, FL
- Early Site Package, Terminal Modernization Program (TMP), Pittsburgh International Airport, Pittsburgh, PA
- P-197 F35B Hangar and Parking Garage PDA, NAVFAC, MCAS Cherry Point, NC
- KC-46 Over and Above Design for 5 Building Alterations, Air Mobility Command, MacDill AFB, Tampa, FL



Mike Washington
 GRANT COMPLIANCE MONITORING;
 DBE/MBE SUPPORT SERVICES

Mike is a civil rights and government affairs expert who brings a wealth of knowledge in equitable transportation policy, government relations, supplier diversity, environmental justice, and public engagement. He has more than 18 years of urban planning and policy experience with an emphasis in equitable transportation planning. As HDR's Colorado Equity Lead, Mike collaborates with HDR's clients to shape and integrate equity and justice priorities for state and local agencies. His experience includes advising and facilitating client programs for federal policy and legislative advocacy, equitable strategic and capital improvement planning, governance and procurement, and economic and workforce development. He is skilled at leading conversations around building systems and programs that lead to socially equitable outcomes and co-creating solutions with the community along with elected officials and agency management.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark (PMP), City of Pompano Beach, Pompano Beach, FL
- Wastewater Facilities Master Plan, City of Fort Collins Fort Collins, CO
- Citywide Master Plan, City of Aurora, CO Title VI Plan, North Platte Regional Airport, North Platte, NE



Cole Benjamin, PE
 STORMWATER MANAGEMENT & PERMITTING

BS, Civil Engineering, University of Central Florida



Cole has more than 10 years of stormwater design experience working on aviation and transportation projects encompassing preliminary design, final design, and design-build of highways and interchanges. Additionally, Cole has experience with stormwater master planning and stormwater management design in Florida and is very familiar with the Water Management District permitting process. His technical experience focuses on hydraulic design, erosion and sediment control, stormwater management, environmental permitting, construction plan preparation, and plan review. He has overseen and completed drainage task items for highway, aviation, private and other public works projects of various content and dynamics.

Relevant Experience:

- Signature Flight Support: PBI Golfview Phase 3 Development, Palm Beach International Airport, West Palm Beach, FL
- Airport Service Road Rehabilitation, Boca Raton Aviation Authority, Boca Raton, FL
- PHK Stormwater Master Plan, Palm Beach County Department of Airports, Palm Beach County, FL
- Treasure Coast International Airport Parking Lot Expansion, Treasure Coast International Airport, St. Lucie County, FL



Darrell Carless, EI
 STORMWATER MANAGEMENT & PERMITTING

*MBA, Embry-Riddle Aeronautical University
 BS, Civil Engineering, Embry-Riddle
 Aeronautical University*



Darrell has more than 8 years of experience and serves as an associate engineer for CMA, specializing in hydraulics design for aviation related facilities. His experience includes analyzing and preparing engineering reports, specifications, construction cost estimates, and plans for various airport design projects; performing drafting tasks in AutoCAD and Civil3D to generate plan sheets; assisting with construction administration tasks; and reading and interpreting FAA Advisory Circulars, geotechnical reports, and survey data to utilize in project designs. In addition to hydraulics design, Darrell also has experience with general civil engineering design and layout for various aspects of airside infrastructure development.

Relevant Experience:

- F45 Terminal Ramp Expansion, Palm Beach County Department of Airports, Palm Beach County, FL
- PBI Cargo Ramp Expansion and Taxiway M1 & M2 Reconstruction Improvements, Palm Beach County Department of Airports, Palm Beach County, FL
- Airport Service Road Rehabilitation, Boca Raton Aviation Authority, Boca Raton, FL
- Treasure Coast International Airport Parking Lot Expansion, Treasure Coast International Airport, St. Lucie County, FL

Project Team



Marc Fermanian, PE
 CEI & RESIDENT PROJECT REPRESENTATIVE
MS, Civil Engineering, University of South Florida
BS, Civil Engineering, University of Massachusetts-Lowell



Marc has served as project manager for many transportation and land development projects, both large and small-scale designs and permitting, for more than 20 years. He is familiar with FAA and FDOT standard specifications for construction and has provided design and construction management efforts for airports, ports/harbors, roadway projects, university campuses, and many miscellaneous civil site projects. Marc has also served as an inspector and Realtors Property Resource, responsible for construction administration and overall project schedule control on multiple projects. He has coordinated and reviewed requests for further information and material invoices from the contractor; reviewed, prepared, and processed job estimates that included material and labor costs; recorded the progress of construction activities, verified Davis-Bacon employee wage rates; and participated in on-site inspections.

Relevant Experience:

- Taxiway Foxtrot Relocation, Fort Lauderdale Executive Airport, Fort Lauderdale, FL
- Airfield Lighting Rehabilitation, Fort Lauderdale Executive Airport, Fort Lauderdale, FL
- Runway Incursion Mitigation, Miami Executive Airport, Miami, FL
- Taxiway R, S, and T, Miami International Airport, Miami, FL



Elias Izza
 CEI & RESIDENT PROJECT REPRESENTATIVE
BS, Civil Engineering, Polytechnic University Institute of the National Armed Forces, Maracay, Venezuela



Elias has more than 15 years of experience in the construction industry. He came to CRJ as a licensed general contractor, as well as a licensed home inspector. Responsibilities with CRJ as a construction inspector have included: monitoring contractor work to promote daily compliance with design standards, plans, and special contract documents and scheduling, coordinating, and verifying the work of other inspectors. Before Elias joined CRJ, he worked remodeling properties, generating appraisals for new clients, coordinating and planning with project owners and subcontractors on a regular basis, and managing and executing strategic planning, scheduling, and budgeting of construction.

Relevant Experience:

- Runway Incursion Mitigation (RIM) Alternate 1A, Miami Executive Airport, Miami, FL
- Taxiway F Relocation, Fort Lauderdale Executive Airport, Fort Lauderdale, FL



Wendy Cyriacks
 ENVIRONMENTAL/WILDLIFE
MS, Marine Biology, Nova Southeastern University
BS, Biology, University of Miami



Wendy has over 35 years of experience in environmental analysis and impact studies, environmental permitting and National Environmental Policy Act (NEPA) documentation. Wendy serves as principal in charge and/or chief scientist on large scale environmental projects. She has coordinated extensively with permitting agencies and has been responsible for obtaining state, federal, and local environmental permits for numerous public sector projects. Wendy has managed and/or conducted natural resource studies including wetlands, marine benthic resources, threatened and endangered species, and contamination assessments. She also developed mitigation and monitoring plans, conducted permit compliance reviews, and QA/QC reviews.

Relevant Experience:

- Lantana Airport Stormwater Master Plan, Palm Beach County Department of Aviation, West Palm Beach, FL
- NEPA Documentation and Environmental Studies, Palm Beach County North County Airport (F-45), Palm Beach County Department of Airports (PBCDOA), Palm Beach County, FL
- US 11/FEC RR Structures for the Expansion of Runway 9R-27L at FLL Airport Design-Build, Environmental Permitting, Broward County Aviation Department, Broward County, FL



John Cumper, PE
 PLUMBING
MS, Mechanical Engineering, Northeastern University
BS, Chemistry Engineering, University of Birmingham, England



John is a Senior Mechanical Engineer and has over 33 years of experience in project management. His responsibilities include meeting with project stakeholders at the schematic design phase to define scope of work, project schedules, and ongoing communication with other members of the design team (civil engineer, structural engineer, life safety consultant) for project coordination. Technical responsibilities include preparation of design criteria and specifications, HVAC and plumbing design, supervision and coordination of design team from project inception to completion of construction, and construction administration for responses to RFIs and review of shop drawings and submittals.

Relevant Experience:

- Terminal 4 Western Phase, Fort Lauderdale - Hollywood International Airport, Fort Lauderdale, FL
- Terminal 4 Eastern Phase, Fort Lauderdale - Hollywood International Airport, Fort Lauderdale, FL
- MIA Public Restrooms Modernization Terminal E, Miami International Airport, Miami, FL
- Federal Inspection Services Temporary Remodel, Miami International Airport, Miami, FL

Project Team



Stephen Farquharson, LEED AP ELECTRICAL

BS, Electrical Engineering, Florida Atlantic University



Stephen is an Electrical Engineering Designer with over 14 years of electrical engineering design and construction administration experience. He has served as lead electrical engineer on many renovation projects. His expertise includes design of UPS, fire alarm, lightning protection, lighting, and power systems. Stephen has provided electrical design and construction management for various municipal, government, and county projects. He has the expertise in managing complex projects requiring LEED design, including several LEED Silver projects.

Relevant Experience:

- Terminal 4 Eastern Phase, Fort Lauderdale - Hollywood International Airport, Fort Lauderdale, FL
- MIA Public Restrooms Modernization Terminal E, Miami International Airport, Miami, FL
- TAC N AA-033A Signature Flight Support Interior Renovations, Miami Opa-Locka Executive Airport, Miami-Dade Aviation Department, Miami, FL
- New Toll Plaza, Fort Lauderdale - Hollywood International Airport, Fort Lauderdale, FL



Nathaniel Hammond, PE MECHANICAL

BS, Mechanical Engineering, Florida State University



Nathan is the Managing Director for Hammond and a mechanical engineer. He has over 14 years of experience in business operation and project management. Nathan handles the daily operations of Hammond and is responsible for the overall client satisfaction of all projects. He makes certain all resources are made available to clients and his main goal is to confirm that all designs are up to design criteria protocols, delivered on time, and within the contract's allotted budgets.

Relevant Experience:

- Terminal 4 Western Phase, Fort Lauderdale - Hollywood International Airport, Fort Lauderdale, FL
- Terminal 4 Renovations Phase 1A and 1B, Fort Lauderdale - Hollywood International Airport, Fort Lauderdale, FL
- Federal Inspection Services Temporary Remodel, Miami International Airport, Miami, FL
- MIA Public Restrooms Modernizations Terminal E, Miami International Airport, Miami, FL



Dean Koggan, PE GENERAL UTILITIES

*MS, Civil Engineering, University of Florida
 BS, Civil Engineering, University of Florida*



Dean has 12 years of experience in the civil engineering field which includes project management and in-depth design work on various new development, redevelopment, and overall solutions for projects throughout South Florida. Dean's duties have included water main, sanitary sewer, lift station design and permitting, in addition to stormwater modeling, design, and permitting. His knowledge includes civil related engineering design, planning, permitting, design in accordance with FAA Advisory Circulars, construction inspections, and construction management.

Relevant Experience:

- Professional Engineering and Consulting Services for Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL
- General Engineering Services, Broward County Aviation Department, Fort Lauderdale, FL
- North Perimeter Road Watermain Extension, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Utility Atlas and Miscellaneous Services, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL



Mark Mitchell GENERAL UTILITIES

AA, Arts, Saint Petersburg College



Mark has more than 25 years of experience. As Director of Subsurface Utility Engineering for KEITH's Utilities Division, he is responsible for oversight of the day-to-day operations of all subsurface utility engineering projects, along with utility records research, conflict analysis, and determining if additional utility investigation is needed for assigned projects. He has completed projects from beginning phases through final delivery, including preparing and submitting fee proposals, client coordination, setting up projects for field crews, conducting field visits when troubleshooting is required, downloading and processing collected data, performing quality control, finalizing for delivery, and keeping clients informed daily. His experience includes creating DTMs, topos, TIN models, PNCs, and test hole summary spreadsheets. Mark serves as a liaison between the design team, utility agencies, and owners on behalf of clients to provide utility coordination, documentation, inter-coordination, and maintenance of files of all activities for each utility agency.

Relevant Experience:

- Parcel Y, Pompano Beach Airpark, Pompano Beach, FL
- Runway 28 Extension, Pompano Beach Airpark, Pompano Beach, FL
- General Engineering Services, Broward County Aviation Department, Fort Lauderdale, FL

Project Team



Kelli Schueler, PLA, LEED AP
 LANDSCAPE ARCHITECTURE

*BS, Landscape Architecture,
 Oklahoma State University*



An experienced landscape architect and dedicated project manager with more than 20 years of experience, Kelli provides planning, design, and project management services for a wide variety of project types through all phases of the development process. Her knowledge of the local environment, innovative technologies, and sustainable best practices is combined with a creative approach that is detail oriented, making sure designs are implemented both efficiently and accurately. Kelli has a wide range of project experience, and is most motivated by the opportunity to create special moments within the urban environment where hardscape and architectural elements are thoughtfully combined with green space to create impactful places of respite and community within the urban core.

Relevant Experience:

- Parking Lot at Hangers 26 & 27, Pompano Beach Airpark, Pompano Beach, FL
- Exit Roadway and Valet Routing Improvements, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Feature Signage and Landscape Design, Palm Beach International Airport, West Palm Beach, FL
- New Aircraft Rescue Fire Fighting Facility, Palm Beach International Airport, West Palm Beach, FL



Charles Schramm, PSM
 SURVEYING

BS, Survey and Mapping, University of Florida



With more than 30 years of geospatial experience, Charles' leadership brings valuable insights, streamlines data collection, and improves the overall accuracy and efficiency of our projects. His responsibilities include daily operations of the surveying department, estimating, project progress reporting, coordination with other departments and clients, and business development. He also has extensive experience with a variety of engineering and surveying-related computer software, including Bentley OpenRoads Designer (ORD), MicroStation, and GEOPAK, and has experience in NPDES documentation.

Relevant Experience:

- Drainage Improvements at US-1 and NE 14th St., City of Pompano Beach, Pompano Beach, FL
- Lower-Level Terminal Drive - Additional Survey Services, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Stormwater Improvements - Hilton Parcel, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Stormwater Improvements - Ravenswood Interconnection, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL



Giovanni Cortes Caro,
 AIA, NCARB, LEED AP
 ARCHITECTURE

*BArch, Architecture & Urban Design,
 Pontifica Javerina University*



Giovanni is an architect, project manager, and thought leader with 22 years of experience in the industry. Over the past 12 years, he has dedicated his career to the creation and development of aviation projects locally and overseas and has been responsible for more than \$1.2 billion in airport terminal design. His expertise in aviation design and client development approach guides the advancement of internal strategies and market growth. Additionally, in his role as Market Sector Leader, he serves as Project Manager for national aviation projects.

Relevant Experience:

- MIA South Terminal Expansion - GSE Facility & 20th Street Modifications, Miami Dade Aviation Department, Miami, FL
- MIA Building 3050 Demolition - South Terminal Enabling (Construction Admin), Miami Dade Aviation Department, Miami, FL
- Terminal 2 Expansion, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Terminal 4 Modernization, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL



Jill Mahoney, LSP
 AIRSPACE STUDIES

BS, Marketing, James Madison University



Jill began her career with NV5 Geospatial in 1992 and has more than 32 years of experience. She has served as project coordinator for numerous airport projects and has extensive contract administration experience. As a project manager, Jill develops and manages work breakdown structures; prioritizes business and technical requirements; manages resource allocations and timelines; and documents and manages risk. Jill has been involved in over 700 18B AGIS projects and submittals.

Relevant Experience:

- Runway 28 Extension and Taxiway Reconfiguration, Pompano Beach Airpark, Pompano Beach, FL
- FAA ADIP Design/As-Built for FAA Airport Airspace Analysis Survey, Pompano Beach Airpark, Pompano Beach, FL
- PAPI Siting and Obstruction Surveys, Palm Beach County Park Airport (LNA) and North Palm Beach County Airport (F45), Palm Beach County, FL

Project Team



Amy Champagne-Baker, PE
 NAVAIDS/AIRSIDE LIGHTING & SIGNAGE
Clarkson University, BS Electrical Engineering



Amy has 28 years of experience in electrical design and construction management, with an extensive background completing various electrical engineering projects throughout the state of Florida. Amy strives to be an innovator who excels in the challenge of accurate solutions for difficult situations in the design and implementation of electrical systems. She has developed and implemented successful programs and projects that delivered cost reductions that lead to increased overall customer satisfaction. As a detail-oriented and focused individual she has a passion to collaboratively work with multidisciplinary engaged teams to deliver time sensitive programs while maintaining priorities and achieving project expectations. Technical expertise includes electrical design, lighting calculations, estimating, project budgeting, contract administration, scheduling, staffing, resource allocation, subcontracts, submittals, purchasing, client/owner interaction, cost analysis, labor tracking, quality, value engineering, change orders, invoicing, and project close out.

Relevant Experience:

- Runway 10-28 Rehabilitation, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL
- Runway 10-28 Safety Enhancements, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL



James Kappes, PE
 CEI & RESIDENT PROJECT REPRESENTATIVE
*Florida Atlantic University
 BS, Electrical Engineering*



James has 20 years of experience in electrical design and construction management, with an extensive background completing various electrical engineering projects throughout the State of Florida. His work in electrical design and construction management experience includes project management, utility coordination, shop drawing submittal review, testing, startups and construction observation of medium and low voltage distribution systems. James's experience extends into electrical system studies, lighting systems, lighting control systems, fire alarm systems, emergency generation systems, FDOT roadway lighting systems, air carrier and general aviation airports terminal/concourse and airfield systems. Technical expertise includes electrical design in medium and low voltage systems, lighting design/calculations, fire alarm design, short circuit/device coordination/arc flash studies, estimating, utility coordination, project management, submittal reviews, purchasing, client/owner interaction, third party review, value engineering, change orders, and project close out.

Relevant Experience:

- Parcel Y Security Access Gate Design, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL
- Parcel Y Taxiway Connector Design Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL



Raj Krishnasamy, PE
 MATERIALS TESTING
*MS, Geotechnical Engineering, University of Memphis
 BS, Civil Engineering, Christian Brothers
 University*



Raj, President and Principal Engineer of TSFGEO, has more than 38 years of experience and oversees geotechnical engineering, construction materials testing, and inspection services operations. His experience consists of successfully completing 7,500+ public and private projects. He has served as Project Manager for continuing contracts with more than 20 Florida public agencies and has retained those contracts through successful, cost-effective, and prompt execution of each task order. Raj's daily involvement with the in-house and field operations of the construction and geotechnical services departments provides him the "hands-on" experience and knowledge of current construction codes and construction practices throughout Florida.

Relevant Experience:

- Runway 10-28 Safety Enhancements, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL
- Parcel Y Construction Services, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL
- Taxiway Delta Relocation/Replacement, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL
- Goodyear Airship Operations Facility Expansion, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL



Kumar Vedula, PE
 GEOTECH TESTING & ANALYSIS
*MS, Geotechnical Engineering, University
 of Memphis
 BS, Civil Engineering, Andhra University*



Kumar, a Principal Engineer of TSFGEO, has more than 29 years of experience providing engineering services for a wide variety of geotechnical projects involving foundation design, slope stability analysis, WEAP analysis and interpreting PDA reports, excavation support, and construction inspection. His extensive experience includes foundation inspections (shallow and deep foundations), soil modification (dynamic compaction, stone columns), preloading, excavations, backfilling, and post-construction monitoring. He has served as a principal inspector on numerous surcharging and settlement evaluations of organic laden soils assignments. Kumar's project experience includes 300+ geotechnical engineering studies for various project types including parks, piers, shoreline stabilization, dredging, bridges, roadways, utilities, high-rise buildings, schools, and government facilities.

Relevant Experience:

- Runway 10-28 Rehabilitation, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL
- High Mast Lighting, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL
- Access Road NE 10th Street, Pompano Beach Airpark, City of Pompano Beach, Pompano Beach, FL

Project Team



Brady Brewster
SITE PLANNING/LAND USE REVIEW/ZONING
BA, Urban Planning and Design, University of Missouri-Kansas City



Brady is a Senior Aviation Planner with consulting and on-site experience at a wide range of airports from general aviation fields to the nation's busiest large hubs. He has extensive experience conducting Airport Master Plans and Program Definition Documentation for major airside and landside expansion projects. His experience has included activity validation studies, forecasts of aviation demand, gate planning, site planning, and the preparative of narrative documents and graphics to obtain support for expansion projects. He has also conducted aircraft gate compatibility analyses, terminal expansion planning studies and coordinated the preparation of policy and procedure documents to optimize planning workflows at large-hub airports. He is experienced in multiple planning platforms including: AviPLAN Pro, AutoCAD and Geographic Information Systems (GIS). Additionally, Brady has experience supporting the day-to-day project and operational planning needs of large commercial service airports as an on-site extension of staff.

Relevant Experience:

- Terminal 4 Modernization & Improvements Project Definition Document (PDD), Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Gate Optimization Study & Airport Marking Standards Update, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Program Advisory & Implementation Services, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL



Elana Essig
FINANCIAL PLANNING & BENEFIT COST ANALYSIS
*BA, Anthropology, Ithaca College
MS, Forensic Anthropology, University of Edinburgh, UK*



Elana has experience across diverse components of the aviation industry including air service development, security, communications, marketing, business development, finance, management, and operations. She specializes in research analysis and has experience in project management, forecast modeling, budgeting, proforma model development, airport rates and charges, airport financial planning, PFC applications, capital project funding, airport RFP development and agreement review, budgets, development of key performance indicators (KPI) indicators, survey design and analysis, research, data analysis, and data visualization. She is also an Ithaca College graduate and Certified Member (CM) and Airport Certified Employee (ACE) - Finance, of the American Association of Airport Executives (AAAE) with a working knowledge base of requirements, regulations, and guidelines within the aviation industry.

Relevant Experience:

- Intermodal Center (IMC) Project Definition & Basis of Design, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Program Advisory & Implementation Services, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Terminal 4 Modernization & Improvements Project Definition Document (PDD), Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL



Rick Lucas
FORECASTING; ACTIVITY FORECASTS & FACILITY REQUIREMENTS DETERMINATION
*BS, Aviation Business Administration/
Airport Management, Embry-Riddle Aeronautical University*



Rick is a project manager, senior aviation planner, and licensed private pilot with a unique background in aviation and many years of airport project management and planning experience. He has been involved in numerous aviation planning studies including airport master plans and state aviation system plans. His expertise includes the research and demand trends analysis of both general aviation and commercial service airports; development of aviation demand forecasts; assessment of airside/landside requirements; financial feasibility assessments; and strategy development; and airline coordination. Rick has extensive experience assisting airport clients with capital program development and funding strategies, supporting program and project development; from needs identification, through funding/grant application and project implementation.

Relevant Experience:

- Terminal 4 Modernization & Improvements Project Definition Document (PDD), Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Greenville-Spartanburg Airport, GSP Terminal Expansion PDP, Greer, SC
- Flint Bishop International Airport Planning and Environmental Consultant Services, Flint, MI



Adam Nicholas
NOISE STUDIES; TERMINAL APPROACH PROCEDURES (TERPS)/PART 77 EVALUATION; TALL STRUCTURES EVALUATION
BS, Aviation Management, Florida Institute of Technology



Adam is an aviation planner who has worked primarily on Airport Master Plans and Airport Layout Plans for a variety of commercial service and general aviation airports across the United States. His work includes written narrative reports and analyses for all aspects of Airport Master Plans, as well as land-use plans, noise compatibility studies, state aviation system plans, runway safety area determination studies, aviation business plans, and obstruction analyses. Adam is experienced in multiple planning platforms such as AEDT and AutoCAD, in addition to preparing presentations and graphics for airport stakeholders to communicate airport planning and design concepts.

Relevant Experience:

- Program Advisory & Implementation Services, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL
- Airport Layout Plan Pen & Ink Change, On-Call Planning, North Perry Airport (HWO), Pembroke Pines, FL
- Gate Optimization Study & Airport Marking Standards Update, Fort Lauderdale-Hollywood International Airport, Fort Lauderdale, FL



Professional Licenses

HDR Engineering

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 10:44 AM 05/20/2020

License Information
 Name: **BOWDON, WILLIAM ANDERSON (Primary Name)**
 Main Address: **417 S BARBARA LANE TAMPA FLORIDA 33608 HILLSBOROUGH**
 County: **HILLSBOROUGH**

License Information
 License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **77374**
 Status: **Current/Active**
 License Date: **08/12/2014**
 Expires: **02/29/2027**

Special Qualifications
 Civil: **Qualification Effective 05/19/2013**

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 10:42 AM 05/20/2020

License Information
 Name: **CASTLE, GREG NOBIS (Primary Name)**
 Main Address: **3022 SUMNER SUN LOOP WELLY CHAPEL FLORIDA 33545 PASCO**
 County: **PASCO**

License Information
 License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **87223**
 Status: **Current/Active**
 License Date: **05/01/2018**
 Expires: **02/29/2027**

Special Qualifications
 Environmental: **Qualification Effective 05/01/2019**

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 10:42 AM 05/20/2020

License Information
 Name: **DOSSANE, KAREL (Primary Name)**
 Main Address: **1002 BR 10 AVE NORTH LAUDERDALE FLORIDA 33068 BROWARD**
 County: **BROWARD**

License Information
 License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **88831**
 Status: **Current/Active**
 License Date: **08/15/2020**
 Expires: **02/28/2027**

Special Qualifications
 Civil: **Qualification Effective 08/15/2020**

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 11:13 AM 05/20/2020

License Information
 Name: **FRAN, MICHAEL J. (Primary Name)**
 Main Address: **408 AUGUSTA DRIVE PALM BEACH NORTH CAROLINA 28713 PUT ON STATE**
 County: **PUT ON STATE**

License Information
 License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **70817**
 Status: **Current/Active**
 License Date: **03/09/2010**
 Expires: **02/29/2027**

Special Qualifications
 Civil: **Qualification Effective 03/05/2009**

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 10:32 AM 05/20/2020

License Information
 Name: **GRUBBS, JOSEPH SCOTT (Primary Name)**
 Main Address: **384 CROSS CREEK ROAD ASHELA, PENNSYLVANIA 15012 OUT OF STATE**
 County: **OUT OF STATE**

License Information
 License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **45837**
 Status: **Current/Active**
 License Date: **01/29/2007**
 Expires: **02/29/2027**

Special Qualifications
 Civil: **Qualification Effective 01/29/2007**

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 7:40 PM 05/19/2020

License Information
 Name: **RIGHT, KEVIN D (Primary Name)**
 Main Address: **14815 BULL RUN RD, #142 BOHAI LAKES, FLORIDA 32814 DADE**
 County: **DADE**

License Information
 License Type: **Registered Landscape Architect**
 Rank: **Landscape Arc**
 License Number: **14846784**
 Status: **Current/Active**
 License Date: **03/28/2020**
 Expires: **11/30/2025**

Special Qualifications
 Qualification Effective

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 2:37 PM 05/20/2020

License Information
 Name: **MARTIN, M. ERIC (Primary Name)**
 Main Address: **8273 BURNING OAK HILLSBOROUGH NORTH CAROLINA 28602 OUT OF STATE**
 County: **OUT OF STATE**

License Information
 License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **70817**
 Status: **Current/Active**
 License Date: **03/09/2010**
 Expires: **02/29/2027**

Special Qualifications
 Advanced Building Code Chapter 6204: **08/01/2018**
 Structural 1019: **01/12/2019**
 7th Edition, Florida Building Code: **08/08/2021**
 8th Edition, Florida Building Code: **03/19/2028**

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 8:20 PM 05/20/2020

License Information
 Name: **ERIC, ADAM JOSEPH (Primary Name)**
 Main Address: **200 HIGHLAND STREET CHARLOTTE, NORTH CAROLINA 28205 OUT OF STATE**
 County: **OUT OF STATE**

License Information
 License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **88237**
 Status: **Current/Active**
 License Date: **03/09/2020**
 Expires: **02/29/2027**

Special Qualifications
 Fire Protection: **03/06/2025**
 Mechanical: **03/06/2025**

dbpr Department of Business & Professional Regulation

ONLINE SERVICES **LICENSEE DETAILS** 9:20 AM 05/20/2020

License Information
 Name: **BURRO, GUILLEN, J. (Primary Name)**
 Main Address: **4501 POLK STREET HOLLYWOOD FLORIDA 33021 BROWARD**
 County: **BROWARD**

License Information
 License Type: **Professional Engineer**
 Rank: **Prof Engineer**
 License Number: **48324**
 Status: **Current/Active**
 License Date: **03/22/2018**
 Expires: **02/29/2027**

FLORIDA Department of Business & Professional Regulation

License Look Up

6/26/2021 10:29 AM

Taymour, El-Hossainy

License Number: **PE 47620**
 Status: **Active**
 Subdivision: **Engineers and Surveyors Board - Professional Engineer**
 License Type: **Professional Engineer**
 License Number: **77488**
 License Issue Date: **12/11/20**
 License Expiration Date: **11/24**
 License Effective Date: **01/01**
 City: **United States**
 State: **FL**
 County: **FL**
 Board Action: **No**

Kentucky Board of Engineers & Land Surveyors

Search for Kentucky Licenses

Name: **Mark Day**
 Professional Engineer:
 Number: **24306**
 Status: **Current**
 Issue Date: **07/05/2005**
 Expiration Date: **06/30/2025**

Professional Land Surveyor:
 Address of Record: **1111 Baker Ln
 4000 Terminal Drive, Ste. 206
 Nicholasville, KY 40316-8716**

Kentucky Board of Engineers & Land Surveyors

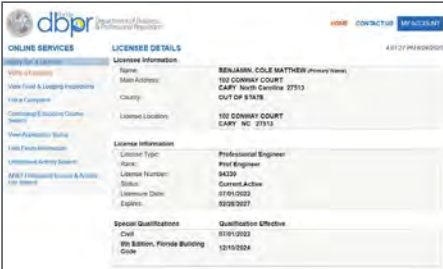
Search for Kentucky Licenses

Name: **Sonia Rich**
 Professional Engineer:
 Number: **20987**
 Status: **Current**
 Issue Date: **07/21/1999**
 Expiration Date: **06/30/2026**

Professional Land Surveyor:
 Address of Record: **1900 THE MEADOW RD
 LOUISVILLE, KY 40023**
 Responsible Charge For:

Professional Licenses

Chen Moore & Associates



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Licensee Information
 Name: BENJAMIN COLE MATTHEW (Primary Name)
 Main Address: 102 DONWAY COURT CARY North Carolina 27513
 City: CARY
 License Location: 102 DONWAY COURT CARY NC 27513

License Information
 License Type: Professional Engineer
 Rank: Prof Engineer
 License Number: 94239
 Status: Current/Active
 License Date: 03/01/2022
 Expires: 02/28/2027

Special Qualifications
 Qualification Effective: 03/01/2022
 Civil
 8th Edition, Florida Building Code
 12/10/2024

KEITH & Associates



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Licensee Information
 Name: KOGGAR, DEAN EDWARD (Primary Name)
 Main Address: 5846 STURDING COURT WILMINGTON Florida 33414
 City: PALM BEACH
 License Information:
 License Type: Professional Engineer
 Rank: Prof Engineer
 License Number: 86412
 Status: Current/Active
 License Date: 03/01/2023
 Expires: 02/28/2027

Special Qualifications
 Qualification Effective: 08/09/2019
 Civil
 Advanced Building Code
 Course Code: 1803018
 Course Credit: 1
 8th Edition, Florida Building Code
 Date: 04/23/2021

Quantum Electrical Engineering



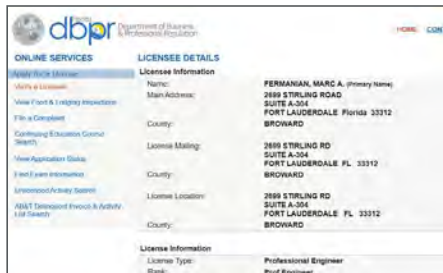
ONLINE SERVICES **LICENSEE DETAILS** 11/18/2021 10:42:00 AM

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Licensee Information
 Name: CHAMPSINE BAKER AMY L (Primary Name)
 Main Address: 8889 GRANTY RIDGE LANE WEST PALM BEACH Florida 33411
 City: PALM BEACH
 License Information:
 License Type: Professional Engineer
 Rank: Prof Engineer
 License Number: 73708
 Status: Current/Active
 License Date: 12/08/2011
 Expires: 02/28/2027

Special Qualifications
 Qualification Effective: 12/08/2011
 Electrical & Computer
 Advanced Building Code
 Course Code: 1803018
 Course Credit: 1
 8th Edition, Florida Building Code
 Date: 05/13/2021
 8th Edition, Florida Building Code
 04/08/2024

CRJ & Associates



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Licensee Information
 Name: FERMANIAN, MARC A (Primary Name)
 Main Address: 2689 STIRLING ROAD SUITE A-304 FORT LAUDERDALE Florida 33312
 City: BROWARD
 License Mailing: 2689 STIRLING RD SUITE A-304 FORT LAUDERDALE FL 33312
 County: BROWARD
 License Location: 2689 STIRLING RD SUITE A-304 FORT LAUDERDALE FL 33312
 County: BROWARD

License Information
 License Type: Professional Engineer
 Rank: Prof Engineer



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Licensee Information
 Name: SCHULER, KELLI BETH (Primary Name)
 Main Address: 3102 NW 1131 TER MARGATE Florida 33063
 City: BROWARD
 License Information:
 License Type: Registered Landscape Architect
 Rank: Landscape Arch
 License Number: LA048768
 Status: Current/Active
 License Date: 08/11/2021
 Expires: 11/09/2026

Special Qualifications
 Qualification Effective: 10/09/2019

License Type	License#	Issued	Expires	Status
Surveyor and Mapper	LS5366	07/06/94	02/28/27	Active



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Licensee Information
 Name: JEFFREY, JAMES W (Primary Name)
 Main Address: 8889 GRANTY RIDGE LANE WEST PALM BEACH Florida 33411
 City: PALM BEACH
 License Information:
 License Type: Professional Engineer
 Rank: Prof Engineer
 License Number: 71498
 Status: Current/Active
 License Date: 02/28/2012
 Expires: 02/28/2027

Special Qualifications
 Qualification Effective: 12/10/2009
 Electrical & Computer
 Advanced Building Code
 Course Code: 1803018
 Course Credit: 1
 8th Edition, Florida Building Code
 Date: 06/15/2021
 8th Edition, Florida Building Code
 04/08/2024

Hammond & Associates



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 Unlicensed Activity Search
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Licensee Information
 Name: CUMPER, JOHN GRAY (Primary Name)
 Main Address: 1811 SW 87TH AVENUE NORTH LAUDERDALE Florida 33068
 City: BROWARD
 License Information:
 License Type: Professional Engineer
 Rank: Prof Engineer
 License Number: 52375
 Status: Current/Active
 License Date: 06/17/1989
 Expires: 02/28/2027

Special Qualifications
 Qualification Effective: 08/17/1989
 Mechanical
 8th Edition, Florida Building Code
 Date: 03/14/2024

Leo A Daly




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Licensee Information
 Name: CORTES CARO, GIOVANNI A (Primary Name)
 Main Address: 791 SAN REMO DR WEST PALM BEACH Florida 33326
 City: BROWARD
 License Information:
 License Type: Architect
 Rank: Architect
 License Number: AR101022
 Status: Current/Active
 License Date: 10/04/2020
 Expires: 02/28/2027

Special Qualifications
 Qualification Effective: 02/28/2027

Tierra South Florida

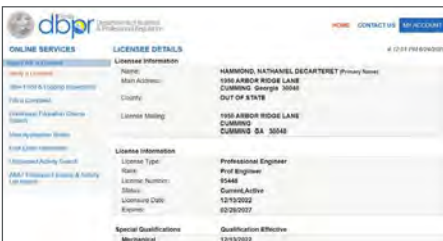


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 Find Exam Information
 Unlicensed Activity Search
 A&T Delimited Invoicing & Activity Log Search

Licensee Information
 Name: KRISHNASANY, RAJ (Primary Name)
 Main Address: 2765 VISTA PARKWAY SUITE 9 WEST PALM BEACH Florida 33411
 City: PALM BEACH
 License Location: 2765 VISTA PARKWAY SUITE 9 WEST PALM BEACH FL 33411
 County: PALM BEACH
 License Information:
 License Type: Professional Engineer
 Rank: Prof Engineer
 License Number: 53567
 Status: Current/Active
 License Date: 11/10/1998
 Expires: 02/28/2027

Special Qualifications
 Qualification Effective: 11/10/1998



ONLINE SERVICES **LICENSEE DETAILS** 4/12/21 10:40:00 AM

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Licensee Information
 Name: HAMMOND, NATHANIEL DECARTERET (Primary Name)
 Main Address: 1990 ARBOR RIDGE LANE CUMMING Georgia 30044
 City: CUMMING
 License Mailing: 1990 ARBOR RIDGE LANE CUMMING GA 30044
 License Information:
 License Type: Professional Engineer
 Rank: Prof Engineer
 License Number: 95448
 Status: Current/Active
 License Date: 12/10/2012
 Expires: 02/28/2027

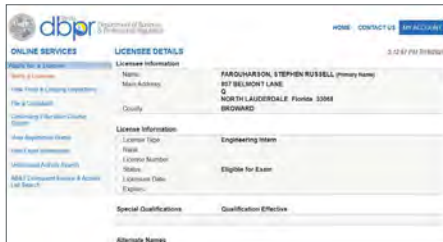
Special Qualifications
 Qualification Effective: 12/10/2012
 Mechanical



ONLINE SERVICES **LICENSEE DETAILS** 4/22/21 10:42:00 AM

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 Unlicensed Activity Search
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Licensee Information
 Name: VEDULA, RAMAKUMAR V (Primary Name)
 Main Address: 2150 NW 68TH WAY PEMBROKE PINES Florida 33024
 City: BROWARD
 License Information:
 License Type: Professional Engineer
 Rank: Prof Engineer
 License Number: 54873
 Status: Current/Active
 License Date: 07/26/1999
 Expires: 02/28/2027



ONLINE SERVICES **LICENSEE DETAILS** 3/12/21 10:42:00 AM

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Licensee Information
 Name: FARDOUN, STEPHEN RUSSELL (Primary Name)
 Main Address: 87 BELMONT LANE NORTH LAUDERDALE Florida 33064
 City: BROWARD
 License Information:
 License Type: Engineering Intern
 Rank: Intern
 License Number: 54873
 Status: Eligible for Exam
 License Date:
 Expires:

Special Qualifications
 Qualification Effective:

9

OFFICE LOCATIONS

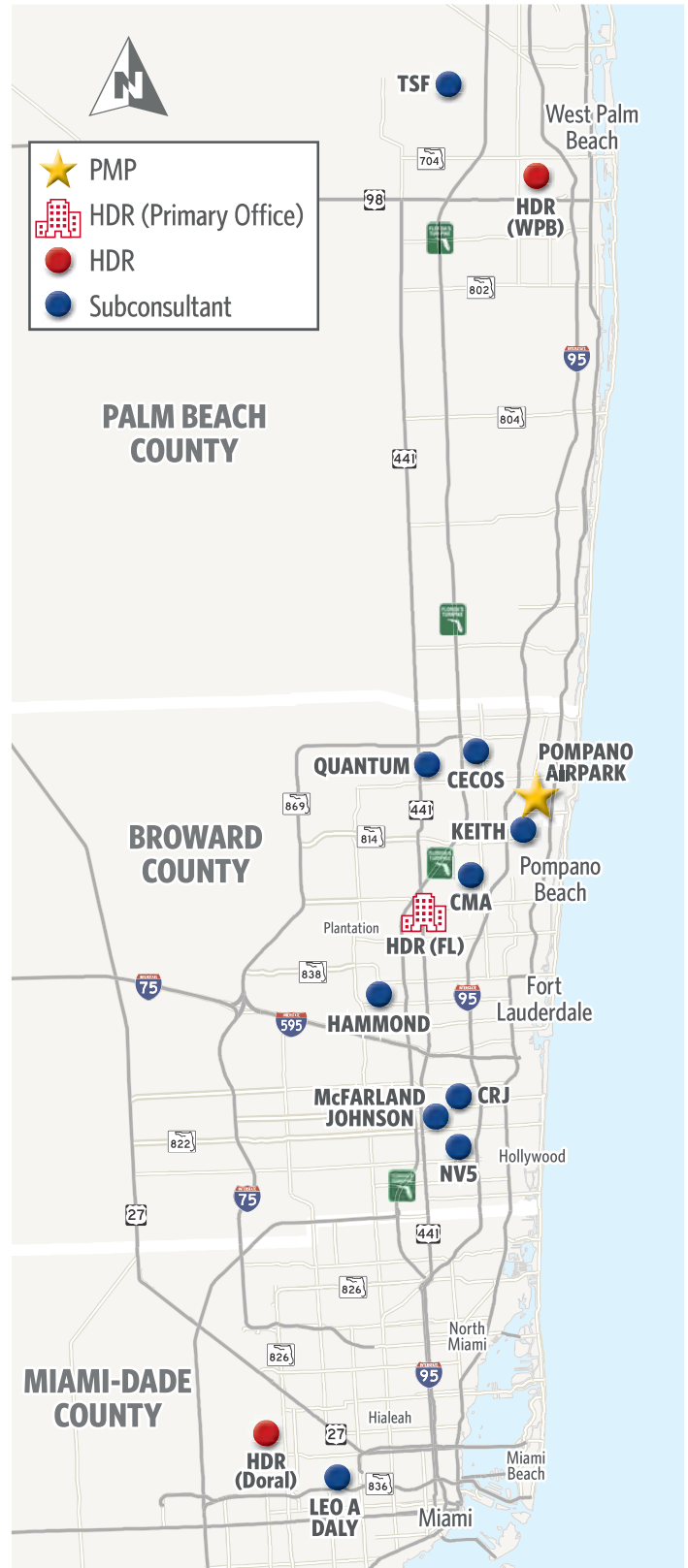


9. Office Locations



Our nearby offices position us to provide quick responses, strong stakeholder communication, and consistent, hands-on support. All team members are based in offices within the Tri-County area and HDR's primary office that will be supporting this contract is located less than 8 miles from the Airpark, which means team members can tend to an emergency on site within 30 minutes. Our regional presence and our team members regional presence reflects a long-standing commitment to the community.

COMPANY	# OF LOCAL STAFF
HDR Broward, Miami-Dade, and Palm Beach Counties	Professional (85) Administrative (37)
Chen Moore and Associates Broward County	Professional (39) Administrative (17)
CRJ & Associates Broward County	Professional (3) Administrative (1)
Cyriacks Environmental Consulting Services Broward County	Professional (5) Administrative (2)
Hammond & Associates Broward County	Professional (22) Administrative (3)
KEITH & Associates Broward County	Professional (100) Administrative (18)
Leo A Daly Miami-Dade County	Professional (22) Administrative (5)
McFarland Johnson Broward County	Professional (24) Administrative (2)
NV5 Geospatial Broward County	Professional (73) Administrative (3)
Quantum Electrical Engineering Broward County	Professional (5) Administrative (2)
Tierra South Florida Palm Beach County	Professional (6) Administrative (6)



10

DBE
PARTICIPATION



10. DBE Participation



DBE Utilization Plan

HDR's corporate and management commitment to the DBE program begins with a companywide directive to foster opportunities for partnerships with diverse businesses through recruitment, outreach, mentoring, and comprehensive reporting, strengthening our project teams, local communities, and local economies.

At HDR, we focus on providing our clients with innovative solutions that bring a high return on their investment and that withstand the test of time. The HDR team, our clients, and the local community gain value from prioritizing equal opportunity in strategies across HDR business activities. When we partner with small and DBE-certified businesses, their participation adds value through their localized resources, opportunities for innovation, and an even stronger understanding of the community we are collectively working to engage and support. Our approach to teaming with diverse businesses goes beyond meeting minimum requirements. With a corporate policy allowing the full spectrum of the business community to participate in our contracts, we seek out firms that bring specialty services and strengthen our local delivery philosophy.

HDR is committed to fair and equal treatment in all contracting. We do not discriminate and give all businesses, including Disadvantaged Business Enterprises (DBEs), a fair chance to work with us. We support DBE participation by setting clear goals, reaching out to certified DBE firms, and breaking work into smaller parts so more firms can compete. We also offer guidance and track DBE involvement to meet participation goals. Our goal is to build strong, diverse teams that reflect the communities we serve.

DBE Coordinator

Mike Washington, an HDR Equity Consultant, will serve as our DBE Coordinator, working closely with the City's project manager and the HDR program leadership team to lead DBE compliance efforts. He will provide strategies and processes to support equal opportunity and compliance with the DBE program that are integrated into every aspect of our work at the Airpark. With extensive experience in the DBE program and a deep understanding of the City of Pompano Beach's commitment to equal opportunity in contracting, Mike



EXPERT SPOTLIGHT: Mike Washington has prepared your DBE work program and is most knowledgeable about how to keep PMP compliant with DBE regulations.

will assist our team in considering how our contributions can benefit the broadest possible range of community members. He will also manage efforts to enhance DBE participation on a task order basis.

Utilization Strategy

Our utilization strategy includes accountability measures to uphold our commitment to the City and to every business partner. Our contract resource management continuously includes planning task distribution with our business partners, as they are significant in the overall contract performance. Mike Washington will closely monitor our DBE participation to verify that we are meeting our DBE commitments on tasks on this contract.

We understand that the DBE participation goal will be set on a task order basis. We have committed to using the following DBE subconsultants:

OUR DBE PARTNERS
<p>CRJ & Associates</p> <ul style="list-style-type: none"> ▪ CEI & Resident ▪ Project Representative
<p>Cyriacks Environmental Consulting Services</p> <ul style="list-style-type: none"> ▪ Environmental/Wildlife
<p>Hammond & Associates</p> <ul style="list-style-type: none"> ▪ Mechanical ▪ Electrical ▪ Plumbing
<p>Quantum Electrical Engineering</p> <ul style="list-style-type: none"> ▪ NAVAIDS/Airside Lighting & Signage ▪ CEI & Resident Project Representative
<p>Tierra South Florida</p> <ul style="list-style-type: none"> ▪ Materials Testing ▪ Geotech Testing & Analysis

The listed DBEs will be included in regularly held project meetings. At the project meetings, DBEs will be kept abreast of the progress of the overall project and opportunities for utilization on task orders. Each task order will have a utilization summary, detailing the DBEs committed to the task order and HDR's efforts to meet the applicable task order DBE goal.

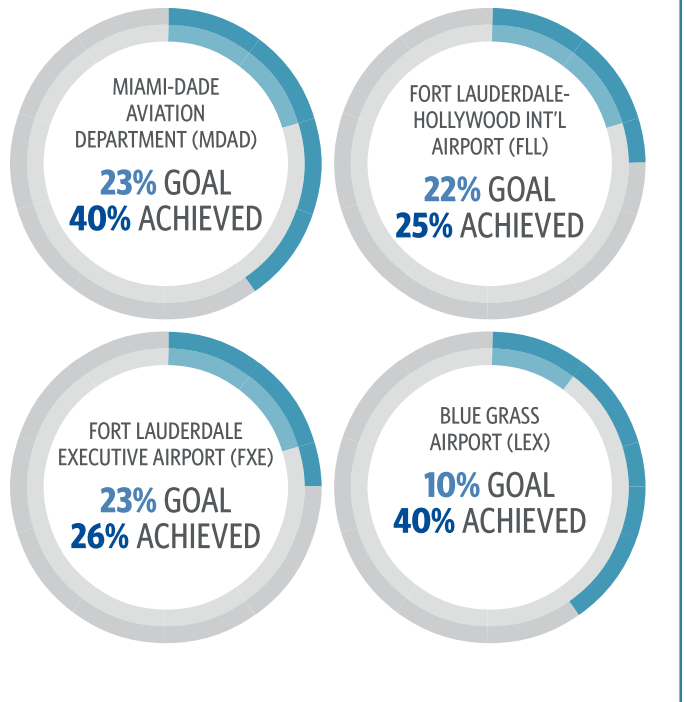
As needed, HDR will also advertise contracting opportunities with organizations representing historically underutilized businesses, including the Conference of Minority and Transportation Officials (COMTO), the Women's Transportation Seminar (WTS), and similar organizations throughout South Florida. Additionally, HDR may host Meet and Greet events to introduce DBEs to the project team and to identify more potential DBE subcontractors for future opportunities. Meet and Greet events create a space for DBEs to gain familiarity with the HDR team and awareness of opportunities to participate on this project. Meet and Greet events will be held annually and as needed when specific task order DBE goals cannot be met with currently committed DBEs.

Our internal webpage documents HDR's outreach efforts, subcontracting performance, and a diverse business database. Additionally, we maintain a Supplier Diversity and Small Business Profile Form on HDR's public webpage to generate new leads.

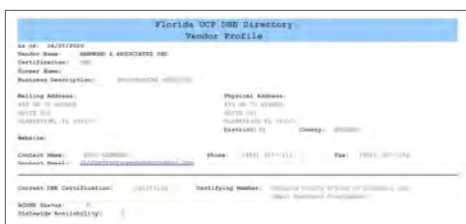
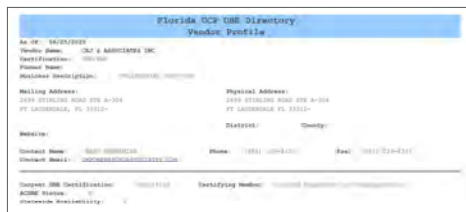
HDR will execute formal subcontracts with DBEs and issue task orders within four weeks of HDR's receipt of a task order NTP. If a DBE subcontractor cannot complete their contract, HDR will make every effort to identify another DBE to complete the remaining work. Further, should a potential shortfall in DBE participation be identified on a given task order, HDR will collaborate with the City to identify a resolution.

We've Done This Before

We pride ourselves on our local and national consistency in meeting participation goals, especially on task order contracts like this. Here are a few proofs of our past success.



DBE Certifications



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LITIGATION



10. Litigation

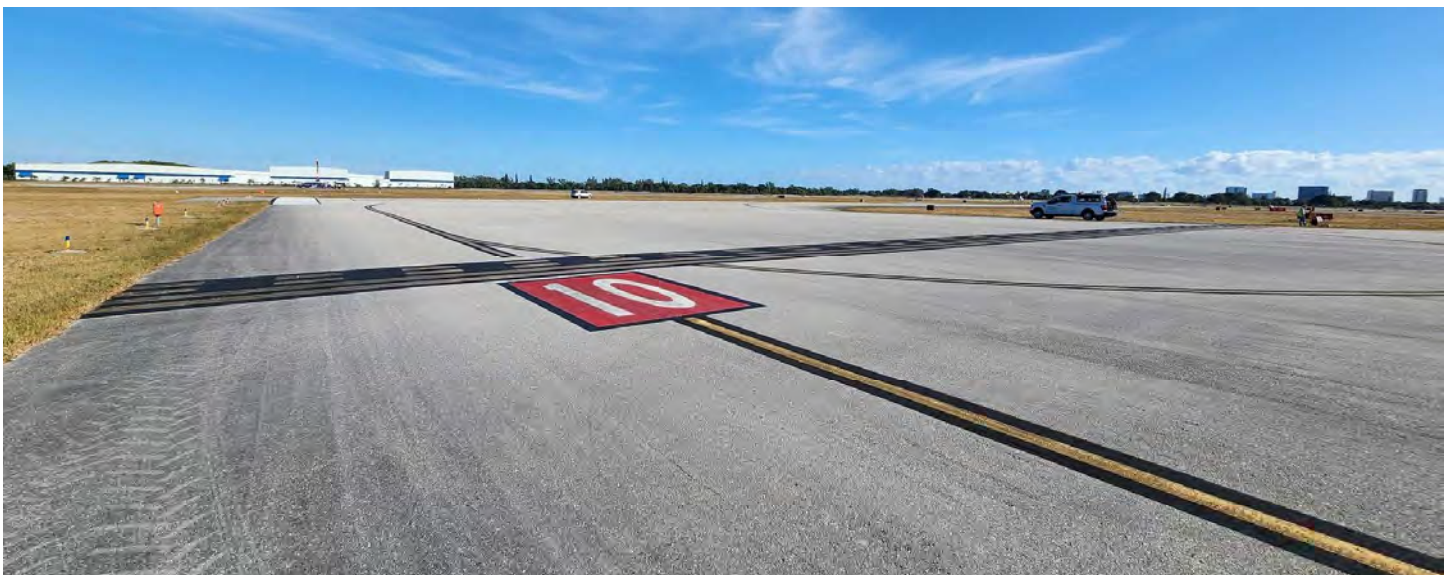


In today's legal environment, claims and litigation are a reality for any large company in the industry, regardless of performance or merit. When claims do occur, we are proactive and cooperative in reaching a resolution that is fair and reasonable to all. We value the confidences of our clients as well as our contractual commitments to confidentiality, and do not discuss with third parties the circumstances involving ongoing projects. We would take the same position with information regarding our work on this project.

If necessary, we would be willing to meet in person with you to discuss the merits or background of past claims. There are no claims or litigation that could impede our ability to perform this project, and we have maintained professional liability insurance in force continually since 1958 for the protection of us and our clients.

Contract Review

We pride ourselves on our continuous efforts and desires to completely understand our clients needs and preferences and to provide them with professional services which not only meet, but hopefully exceed their expectations. One of the key initial steps in developing this level of understanding is the negotiation and development of a mutually acceptable agreement which properly reflects both parties obligations and expectations. We have carefully reviewed all of the documents and information you provided as a part of your Request for Letter of Interest (RLI). One of the documents you provided was a draft format for the form of agreement that we would be entering into with you should we be successful in our pursuit of your project. Although we have identified several items which we need to obtain more information from you on, we believe that there will be no insurmountable problems in reaching a final agreement. We are basing this assumption on the reasonable expectation that the path of our negotiations will be guided by the basic premises necessary for any professional design firm to maintain the full applicability of its professional liability insurance coverage and to develop any required schedules or pricing. Those guidelines are; no guarantees or warranties (either expressed or implied); the standard of care will not be elevated beyond a normal, reasonable, negligence standard; any indemnifications will be based upon a negligence standard; any fees, pricing or scheduling requirements will be based upon quantifiable requirements. We sincerely look forward to the opportunity to further refine our understanding of your needs and desires and the ultimate development of a complete and accurate agreement with you and respectfully request that you allow us the opportunity to provide professional design services for your project.



Note: Per the RLI instructions, the following City Forms have been completed and submitted electronically through the City's eBid System:

- ~ Drug-Free Workplace ~
- ~ Conflict of Interest ~
- ~ Vendor Certification Regarding Scrutinized Companies Lists ~
- ~ Terms & Conditions ~
- ~ Acknowledgment of Addenda ~

12

CITY
FORMS



COMPLETE THE PROPOSER INFORMATION FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRITY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RFP IN THE EBID SYSTEM.

PROPOSER INFORMATION PAGE

RFP RLI25-031, Continuing Contracts for Airpark Engineering Services
Consultant's Competitive Negotiation Act (CCNA)
(number) (RFP name)

To: The City of Pompano Beach, Florida

The below named company hereby agrees to furnish the proposed services under the terms stated subject to all instructions, terms, conditions, specifications, addenda, legal advertisement, and conditions contained in the RFP. I have read the RFP and all attachments, including the specifications, and fully understand what is required. By submitting this proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this proposal.

Proposal submitted by:

Name (printed) Jeffrey B. Arms Title Vice President

Company (Legal Registered) HDR Engineering, Inc.

Federal Tax Identification Number 47-0680568

Address 3230 W. Commercial Blvd., Suite 400

City/State/Zip Fort Lauderdale, FL 33309

Telephone No. 954.233.4914 Fax No. 561.209.6606

Email Address Jeff.Arms@hdrinc.com

COMPLETE THE PROJECT TEAM FORM ON THE ATTACHMENTS TAB IN THE EBID SYSTEM. PROPOSERS ARE TO COMPLETE FORM IN ITS ENTIRETY AND INCLUDE THE FORM IN YOUR PROPOSAL THAT MUST BE UPLOADED TO THE RESPONSE ATTACHMENTS TAB FOR THE RLI IN THE EBID SYSTEM.

PROJECT TEAM

RLI NUMBER RLI25-031

Federal I.D.# 47-0680568

PRIME

Role	Name of Individual Assigned to Project	Number of Years Experience	Education, Degrees
Principal-In-Charge	<u>Will Suero, PE, SVP</u>	<u>34</u>	<u>University of Central Florida - BS, Civil Engineering</u>
Project Manager	<u>Raheel Dossani, PE</u>	<u>10</u>	<u>Florida Atlantic University - BS, Civil Engineering</u>
Asst. Project Manager	<u>Will Bowdoin, PE</u>	<u>19</u>	<u>Auburn University - BS, Civil Engineering</u>
Other Key Member	<u>Joe Grubbs, PE (Quality Manager)</u>	<u>34</u>	<u>Youngstown State University - BS, Civil Engineering</u>
Other Key Member	<u>Tim Fish, PE (Strategic Advisor - Infrastructure)</u>	<u>22</u>	<u>University of Missouri, Columbia - BS, Civil Engineering</u>
Other Key Member	<u>Mark Day, PE, AAE (Strategic Advisor - Grant Support)</u>	<u>31</u>	<u>University of Kentucky - BS, Civil Engineering Southern Baptist Theological Seminary - MA, Educational Administration</u>

SUB-CONSULTANT

Role	Company Name and Address of Office Handling This Project	Name of Individual Assigned to the Project
Stormwater Management & Permitting	<u>Chen Moore and Associates, Inc. 500 West Cypress Creek Rd., Ste. 600, Fort Lauderdale, FL 33309</u>	<u>Cole Benjamin, PE</u>
CEI & Resident Project Representative	<u>CRJ and Associates, Inc. 2699 Stirling Rd. Ste. B-201, Fort Lauderdale, FL 33312</u>	<u>Marc Fermanian, PE</u>
Environmental/Wildlife	<u>Cyriacks Environmental Consulting Services, Inc. 3001 SW 15th Street, Suite B, Deerfield Beach, FL 33442</u>	<u>Wendy Cyriacks</u>
Mechanical, Electrical, Plumbing	<u>Hammond & Associates, Inc. 499 NW 70th Ave., Ste. 210, Plantation, FL 33317</u>	<u>Stephen Farquharson, LEED AP</u>
General Utilities, Landscape Architecture, Surveying	<u>KEITH & Associates, Inc. 301 E Atlantic Blvd., Pompano Beach, FL 33060</u>	<u>Chuck Schramm, PSM</u>
Architecture, Air Traffic Control Tower Design	<u>Leo A Daly, LLC 5201 Waterford District Dr., Ste. 370, Miami, FL 33126</u>	<u>Giovanni Cortes Caro, AIA, NCARB, LEED AP</u>
Airport Master Planning	<u>McFarland Johnson, Inc. 4601 Sheridan St., Ste. 500, Hollywood, FL 33021</u>	<u>John Mafera</u>
Airspace Studies	<u>NV5 Geospatial, Inc. 200 South Park Rd., Ste. 350, Hollywood, FL 33021</u>	<u>Jill Mahoney, LSP</u>
NAVAIDS/Airside Lighting & Signage; CEI & Resident Project Representative	<u>Quantum Electrical Engineering, Inc. 5571 N. University Dr., Ste. 101, Coral Springs, FL 33067</u>	<u>Amy Champagne-Baker, PE</u>
Materials Testing; Geotech Testing & Analysis	<u>Tierra South Florida, Inc. 2765 Vista Pkwy., Ste. 10, West Palm Beach, FL 33411</u>	<u>Raj Krishnasamy, PE</u>

Qualifications Of Bidders

To demonstrate qualifications to perform the work, and to be considered for award, each bidder shall submit at least three (3) business customer references. Provide information for business customers for whom you have performed work of this nature which you list as references, excluding the City of Pompano Beach. (Use an attachment if necessary.)

1. Name and address of customer: City of Fort Lauderdale - Fort Lauderdale Executive Airport (FXE)
6000 NW 21st Ave., Fort Lauderdale, FL 33309

Contact person name, telephone number and email address: _____
Carlton Harrison, 954.828.4976, charrison@fortlauderdale.gov

Description of services provided and date(s) of service: July 2014 - Current (July 2026)
Engineering Design and Construction Management/Inspection, Surveying, Geotechnical Testing and Analysis, Site Plan Review
and Analysis, Environmental Assessment/Impact Statements, Bidding, and Architectural/Landscape Architectural Services

2. Name and address of customer: Miami-Dade Aviation Department
Miami International Airport, Building 3030, 4331 NW 22nd A-2 Street, Miami, Florida 33122

Contact person name, telephone number and email address: _____
Ernie Beltre, 305.876.0787, ebeltre@miami-airport.com

Description of services provided and date(s) of service: January 2019 - Current (July 2025)
Engineering Design and Construction Management/Inspection, Surveying, Cost Estimating and Scheduling,
Bidding Services, Geotechnical Testing and Analysis, Structural, Electrical, and Mechanical Engineering

3. Name and address of customer: Palm Beach County Department of Airports
846 Palm Beach International Airport, West Palm Beach, FL 33406

Contact person name, telephone number and email address: _____
Gary Sypek, 561.471.7474, gsypek@pbia.org

Description of services provided and date(s) of service: July 2019-Current (July 2025)
Engineering Design and Construction Management/Inspection, Surveying, Environmental, Geotechnical Testing and
Analysis, Cost Estimating and Scheduling, and Bidding Services

Request for Taxpayer Identification Number and Certification

Go to www.irs.gov/FormW9 for instructions and the latest information.

Give form to the
requester. Do not
send to the IRS.

Before you begin. For guidance related to the purpose of Form W-9, see *Purpose of Form*, below.

Print or type. See Specific Instructions on page 3.	<p>1 Name of entity/individual. An entry is required. (For a sole proprietor or disregarded entity, enter the owner's name on line 1, and enter the business/disregarded entity's name on line 2.)</p> <p>HDR ENGINEERING, INC.</p>		
	<p>2 Business name/disregarded entity name, if different from above.</p>		
	<p>3a Check the appropriate box for federal tax classification of the entity/individual whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C corporation <input checked="" type="checkbox"/> S corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> LLC. Enter the tax classification (C = C corporation, S = S corporation, P = Partnership) _____</p> <p>Note: Check the "LLC" box above and, in the entry space, enter the appropriate code (C, S, or P) for the tax classification of the LLC, unless it is a disregarded entity. A disregarded entity should instead check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) _____</p>		<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from Foreign Account Tax Compliance Act (FATCA) reporting code (if any) _____</p> <p style="text-align: right;"><i>(Applies to accounts maintained outside the United States.)</i></p>
	<p>3b If on line 3a you checked "Partnership" or "Trust/estate," or checked "LLC" and entered "P" as its tax classification, and you are providing this form to a partnership, trust, or estate in which you have an ownership interest, check this box if you have any foreign partners, owners, or beneficiaries. See instructions _____ <input type="checkbox"/></p>		
	<p>5 Address (number, street, and apt. or suite no.). See instructions.</p> <p>1917 S 67th ST</p>	<p>Requester's name and address (optional)</p>	
	<p>6 City, state, and ZIP code</p> <p>OMAHA NE 68106-2973</p>		
	<p>7 List account number(s) here (optional)</p>		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. See also *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number								
			-					
or								
Employer identification number								
4	7	-	0	6	8	0	5	6
8								

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and, generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	<p>Signature of U.S. person</p>	<p>ASSISTANT TREASURER</p>	<p>Date 07/01/2025</p>
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

What's New

Line 3a has been modified to clarify how a disregarded entity completes this line. An LLC that is a disregarded entity should check the appropriate box for the tax classification of its owner. Otherwise, it should check the "LLC" box and enter its appropriate tax classification.

New line 3b has been added to this form. A flow-through entity is required to complete this line to indicate that it has direct or indirect foreign partners, owners, or beneficiaries when it provides the Form W-9 to another flow-through entity in which it has an ownership interest. This change is intended to provide a flow-through entity with information regarding the status of its indirect foreign partners, owners, or beneficiaries, so that it can satisfy any applicable reporting requirements. For example, a partnership that has any indirect foreign partners may be required to complete Schedules K-2 and K-3. See the Partnership Instructions for Schedules K-2 and K-3 (Form 1065).

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS is giving you this form because they

EXHIBIT "B"

EXHIBIT B

INSURANCE REQUIREMENTS

CONTRACTOR shall not commence services under the terms of this Agreement until certification or proof of insurance detailing terms and provisions has been received and approved in writing by the CITY's Risk Manager. If you are responding to a bid and have questions regarding the insurance requirements hereunder, please contact the City's Purchasing Department at (954) 786-4098. If the contract has already been awarded, please direct any queries and proof of the requisite insurance coverage to City staff responsible for oversight of the subject project/contract.

CONTRACTOR is responsible to deliver to the CITY for timely review and written approval/disapproval Certificates of Insurance which evidence that all insurance required hereunder is in full force and effect and which name on a primary basis, the CITY as an additional insured on all such coverage.

Throughout the term of this Agreement, CITY, by and through its Risk Manager, reserve the right to review, modify, reject or accept any insurance policies required by this Agreement, including limits, coverages or endorsements. CITY reserves the right, but not the obligation, to review and reject any insurer providing coverage because of poor financial condition or failure to operate legally.

Failure to maintain the required insurance shall be considered an event of default. The requirements herein, as well as CITY's review or acceptance of insurance maintained by CONTRACTOR, are not intended to and shall not in any way limit or qualify the liabilities and obligations assumed by CONTRACTOR under this Agreement.

Throughout the term of this Agreement, CONTRACTOR and all subcontractors or other agents hereunder, shall, at their sole expense, maintain in full force and effect, the following insurance coverages and limits described herein, including endorsements.

A. Worker's Compensation Insurance covering all employees and providing benefits as required by Florida Statute, Chapter 440. CONTRACTOR further agrees to be responsible for employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.

B. Liability Insurance.

(1) Naming the City of Pompano Beach as an additional insured as CITY's interests may appear, on General Liability Insurance only, relative to claims which arise from CONTRACTOR's negligent acts or omissions in connection with CONTRACTOR's performance under this Agreement.

(2) Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

Type of Insurance

Limits of Liability

GENERAL LIABILITY:

Minimum 1,000,000 Per Occurrence and \$2,000,000 Per Aggregate

* Policy to be written on a claims incurred basis

- XX comprehensive form bodily injury and property damage
- XX premises - operations bodily injury and property damage
- ___ explosion & collapse hazard
- ___ underground hazard
- XX products/completed operations hazard bodily injury and property damage combined
- XX contractual insurance bodily injury and property damage combined
- XX broad form property damage bodily injury and property damage combined
- XX independent CONTRACTORS personal injury
- XX personal injury

___ sexual abuse/molestation Minimum \$1,000,000 Per Occurrence and Aggregate

___ liquor legal liability Minimum \$1,000,000 Per Occurrence and Aggregate

AUTOMOBILE LIABILITY: Minimum \$1,000,000 Per Occurrence and \$1,000,000 Per Aggregate. Bodily injury (each person) bodily injury (each accident), property damage, bodily injury and property damage combined.

XX comprehensive form Minimum \$10,000/\$20,000/\$10,000 (Florida's Minimum Coverage)

XX owned

XX hired

XX non-owned

REAL & PERSONAL PROPERTY

___ comprehensive form Agent must show proof they have this coverage.

EXCESS LIABILITY

Per Occurrence Aggregate

___ other than umbrella bodily injury and property damage combined \$2,000,000 \$2,000,000

PROFESSIONAL LIABILITY

Per Occurrence Aggregate

XX * Policy to be written on a claims made basis \$1,000,000 \$1,000,000

(3) If Professional Liability insurance is required, CONTRACTOR agrees the indemnification and hold harmless provisions set forth in the Agreement shall survive the

termination or expiration of the Agreement for a period of three (3) years unless terminated sooner by the applicable statute of limitations.

C. Employer's Liability. If required by law, CONTRACTOR and all subcontractors shall, for the benefit of their employees, provide, carry, maintain and pay for Employer's Liability Insurance in the minimum amount of One Hundred Thousand Dollars (\$100,000.00) per employee, Five Hundred Thousand Dollars (\$500,000) per aggregate.

D. Policies: Whenever, under the provisions of this Agreement, insurance is required of the CONTRACTOR, the CONTRACTOR shall promptly provide the following:

- (1) Certificates of Insurance evidencing the required coverage;
- (2) Names and addresses of companies providing coverage;
- (3) Effective and expiration dates of policies; and
- (4) A provision in all policies affording CITY thirty (30) days written notice by a carrier of any cancellation or material change in any policy.

E. Insurance Cancellation or Modification. Should any of the required insurance policies be canceled before the expiration date, or modified or substantially modified, the issuing company shall provide thirty (30) days written notice to the CITY.

F. Waiver of Subrogation. CONTRACTOR hereby waives any and all right of subrogation against the CITY, its officers, employees and agents for each required policy. When required by the insurer, or should a policy condition not permit an insured to enter into a pre-loss agreement to waive subrogation without an endorsement, then CONTRACTOR shall notify the insurer and request the policy be endorsed with a Waiver of Transfer of Rights of Recovery Against Others, or its equivalent. This Waiver of Subrogation requirement shall not apply to any policy which includes a condition to the policy not specifically prohibiting such an endorsement, or voids coverage should CONTRACTOR enter into such an agreement on a pre-loss basis.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/1/2026

12/1/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

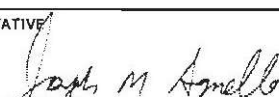
PRODUCER Lockton Companies, LLC DBA Lockton Insurance Brokers, LLC in CA CA license #0F15767 444 W. 47th St., Ste. 900 Kansas City MO 64112-1906 (816) 960-9000 keasu@lockton.com	CONTACT NAME: _____ PHONE (A/C, No, Ext): _____ FAX (A/C, No): _____ E-MAIL ADDRESS: _____													
	<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Lloyd's of London</td> <td>15792</td> </tr> <tr> <td>INSURER B : Lloyds of London</td> <td></td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Lloyd's of London	15792	INSURER B : Lloyds of London		INSURER C :		INSURER D :		INSURER E :		INSURER F :
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INSURER D :														
INSURER E :														
INSURER F :														
INSURED 1542979 HDR ENGINEERING, INC. 1917 SOUTH 67TH STREET OMAHA NE 68106														

COVERAGES **CERTIFICATE NUMBER:** 22704467 **REVISION NUMBER:** XXXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY		NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX DAMAGE TO RENTED PREMISES (Ea occurrence) \$ XXXXXXXX MED EXP (Any one person) \$ XXXXXXXX PERSONAL & ADV INJURY \$ XXXXXXXX GENERAL AGGREGATE \$ XXXXXXXX PRODUCTS - COMP/OP AGG \$ XXXXXXXX
	CLAIMS-MADE OCCUR					
<div style="border: 2px solid green; padding: 5px; display: inline-block;"> APPROVED <i>David Daley</i> By David Daley at 3:51 pm, Dec 03, 2025 </div>						
	GEN'L AGGREGATE LIMIT APPLIES PER:					
	POLICY PRO-JECT LOC					
	OTHER:					
	AUTOMOBILE LIABILITY		NOT APPLICABLE			COMBINED SINGLE LIMIT (Ea accident) \$ XXXXXXXX BODILY INJURY (Per person) \$ XXXXXXXX BODILY INJURY (Per accident) \$ XXXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXXX
	ANY AUTO OWNED AUTOS ONLY HIRED AUTOS ONLY					
	SCHEDULED AUTOS NON-OWNED AUTOS ONLY					
	UMBRELLA LIAB EXCESS LIAB		NOT APPLICABLE			EACH OCCURRENCE \$ XXXXXXXX AGGREGATE \$ XXXXXXXX
	DED RETENTION S					
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY		NOT APPLICABLE			PER STATUTE OTH-ER \$ XXXXXXXX E.L. EACH ACCIDENT \$ XXXXXXXX E.L. DISEASE - EA EMPLOYEE \$ XXXXXXXX E.L. DISEASE - POLICY LIMIT \$ XXXXXXXX
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)					
	If yes, describe under DESCRIPTION OF OPERATIONS below					
A	ARCH & ENG PROFESSIONAL LIABILITY	N N	P001412500	6/1/2025	6/1/2026	PER CLAIM: \$1,000,000 AGGREGATE: \$1,000,000
B	CYBER LIAB		B0713MEDTE:2504380	9/1/2025	9/1/2026	\$1,000,000 PER CLAIM AGG

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES. RLI25-031

CERTIFICATE HOLDER 22704467 CITY OF POMPANO BEACH ATTN: MAURICIO STRADIOTTI 100 WEST ATLANTIC BOULEVARD SUITE 220 POMPANO BEACH, FL 33060	CANCELLATION See Attachment SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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This endorsement, effective: 06/01/2025 - 06/01/2026

Forms a part of policy no.: P001412500

Issued to: HDR ENGINEERING, INC.

By: Lloyd's of London

NOTICE OF CANCELLATION TO CERTIFICATE HOLDERS ENDORSEMENT

Except with respect to cancellation for non-payment of premium (10 day notice cancellation), the **Insurers** shall give 30 days' notice of cancellation to the Certificate Holder(s) set forth herein, provided that:

1. The **First Named Insured** is required by contract to give notice of cancellation to the Certificate Holder, and
2. Prior to the **Insurers** sending its notice of cancellation to the **First Named Insured**, the **First Named Insured** shall provide the **Insurers**, in writing, either directly or through the **First Named Insured** broker of record, the name of each person or organization requiring notice of cancellation and the corresponding address for such person or for the employee responsible for receipt of notice of cancellation on behalf of such organization.

Notice of cancellation will be sent in accordance with the terms and conditions of the policy, except that the **Insurers** may provide written notice individually or collectively to the Certificate Holders by email at the current email address given by the **First Named Insured**. Proof of sending of the notice of cancellation by email shall be sufficient proof of notice.

Any failure to provide notice of cancellation to the Certificate Holder due to inaccurate or incomplete information provided by the **First Named Insured** shall remain the sole responsibility of the **First Named Insured**.

The following definitions apply to this endorsement:

1. **First Named Insured** means the **Named Insured** shown in the Declarations.

ALL OTHER TERMS AND CONDITIONS OF THE POLICY SHALL REMAIN UNCHANGED.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
12/01/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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PRODUCER Willis Towers Watson Midwest, Inc. c/o 26 Century Blvd P.O. Box 305191 Nashville, TN 372305191 USA		CONTACT NAME: WTW Certificate Center PHONE (A/C. No. Ext): 1-877-945-7378 FAX (A/C. No.): 1-888-467-2378 E-MAIL ADDRESS: certificates@wtwco.com	
INSURED HDR Engineering, Inc. 1917 South 67th Street Omaha, NE 68106		INSURER(S) AFFORDING COVERAGE INSURER A: Liberty Mutual Fire Insurance Company NAIC # 23035 INSURER B: Ohio Casualty Insurance Company 24074 INSURER C: Liberty Insurance Corporation 42404 INSURER D: INSURER E: INSURER F:	

COVERAGES CERTIFICATE NUMBER: W42017943 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual Liability GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:	Y	Y	TB2-641-444950-035	06/01/2025	06/01/2026	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	AS2-641-444950-045	06/01/2025	06/01/2026	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
B	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0	Y	Y	EUO (26) 57919363	06/01/2025	06/01/2026	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N No	N/A	WA7-64D-444950-015	06/01/2025	06/01/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

APPROVED
By David Daley at 3:45 pm, Dec 03, 2025

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Certificate Holder is named as Additional Insured on General Liability, Automobile Liability and Umbrella/Excess Liability on a Primary, Non-contributory basis where required by written contract. Waiver of Subrogation applies on General Liability, Automobile Liability, Umbrella/Excess Liability and Workers Compensation where required by written contract and as permitted by law. Umbrella/Excess policy is follow form over General Liability, Auto Liability and Employers Liability.

CERTIFICATE HOLDER

City of Pompano Beach
 Attn: Mauricio Stradiotti
 100 West Atlantic Boulevard
 Suite 220
 Pompano Beach, FL 33060

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



ADDITIONAL REMARKS SCHEDULE

AGENCY Willis Towers Watson Midwest, Inc.		NAMED INSURED HDR Engineering, Inc. 1917 South 67th Street Omaha, NE 68106	
POLICY NUMBER See Page 1		NAIC CODE See Page 1	
CARRIER See Page 1		EFFECTIVE DATE: See Page 1	

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
 FORM NUMBER: 25 FORM TITLE: Certificate of Liability Insurance

Project Description: CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES. RLI25-031

Additional Insureds, Primary and Non Contributory: The City, City of Pompano Beach

Waiver of Subrogation: Against the City, its officers, employees, and agents for each required policy

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED LOCATION(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Designated Location(s): All locations owned by or rented to the Named Insured
Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage **A**, and for all medical expenses caused by accidents under Section I – Coverage **C**, which can be attributed only to operations at a single designated "location" shown in the Schedule above:
1. A separate Designated Location General Aggregate Limit applies to each designated "location", and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
 2. The Designated Location General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A**, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
 3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Location General Aggregate Limit for that designated "location". Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Location General Aggregate Limit for any other designated "location" shown in the Schedule above.
 4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Location General Aggregate Limit.

- B.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section **I** – Coverage **A**, and for all medical expenses caused by accidents under Section **I** – Coverage **C**, which cannot be attributed only to operations at a single designated "location" shown in the Schedule above:
1. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
 2. Such payments shall not reduce any Designated Location General Aggregate Limit.
- C.** When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Location General Aggregate Limit.
- D.** For the purposes of this endorsement, the **Definitions** Section is amended by the addition of the following definition:
- "Location" means premises involving the same or connecting lots, or premises whose connection is interrupted only by a street, roadway, waterway or right-of-way of a railroad.
- E.** The provisions of Section **III** – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED CONSTRUCTION PROJECT(S) GENERAL AGGREGATE LIMIT

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Designated Construction Project(s):

All construction projects not located at premises owned, leased or rented by a Named Insured

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

- A.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage **A**, and for all medical expenses caused by accidents under Section I – Coverage **C**, which can be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
1. A separate Designated Construction Project General Aggregate Limit applies to each designated construction project, and that limit is equal to the amount of the General Aggregate Limit shown in the Declarations.
 2. The Designated Construction Project General Aggregate Limit is the most we will pay for the sum of all damages under Coverage **A**, except damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard", and for medical expenses under Coverage **C** regardless of the number of:
 - a. Insureds;
 - b. Claims made or "suits" brought; or
 - c. Persons or organizations making claims or bringing "suits".
 3. Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the Designated Construction Project General Aggregate Limit for that designated construction project. Such payments shall not reduce the General Aggregate Limit shown in the Declarations nor shall they reduce any other Designated Construction Project General Aggregate Limit for any other designated construction project shown in the Schedule above.
 4. The limits shown in the Declarations for Each Occurrence, Damage To Premises Rented To You and Medical Expense continue to apply. However, instead of being subject to the General Aggregate Limit shown in the Declarations, such limits will be subject to the applicable Designated Construction Project General Aggregate Limit.

- B.** For all sums which the insured becomes legally obligated to pay as damages caused by "occurrences" under Section I – Coverage **A**, and for all medical expenses caused by accidents under Section I – Coverage **C**, which cannot be attributed only to ongoing operations at a single designated construction project shown in the Schedule above:
 - 1.** Any payments made under Coverage **A** for damages or under Coverage **C** for medical expenses shall reduce the amount available under the General Aggregate Limit or the Products-completed Operations Aggregate Limit, whichever is applicable; and
 - 2.** Such payments shall not reduce any Designated Construction Project General Aggregate Limit.
- C.** When coverage for liability arising out of the "products-completed operations hazard" is provided, any payments for damages because of "bodily injury" or "property damage" included in the "products-completed operations hazard" will reduce the Products-completed Operations Aggregate Limit, and not reduce the General Aggregate Limit nor the Designated Construction Project General Aggregate Limit.
- D.** If the applicable designated construction project has been abandoned, delayed, or abandoned and then restarted, or if the authorized contracting parties deviate from plans, blueprints, designs, specifications or timetables, the project will still be deemed to be the same construction project.
- E.** The provisions of Section III – Limits Of Insurance not otherwise modified by this endorsement shall continue to apply as stipulated.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – SCHEDULED PERSON OR ORGANIZATION

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury", "property damage" or "personal and advertising injury" caused, in whole or in part, by:

1. Your acts or omissions; or
2. The acts or omissions of those acting on your behalf;

in the performance of your ongoing operations for the additional insured(s) at the location(s) designated above.

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following additional exclusions apply:

This insurance does not apply to "bodily injury" or "property damage" occurring after:

1. All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the location of the covered operations has been completed; or
2. That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

C. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

SCHEDULE

Name Of Additional Insured Person(s) Or Organization(s):

Location(s) Of Covered Operations

Any person or organization with whom you have agreed through written contract, agreement or permit to provide additional insured coverage

All locations as required by a written contract or agreement entered into prior to an "occurrence" or offense

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

ADDITIONAL INSURED – OWNERS, LESSEES OR CONTRACTORS – COMPLETED OPERATIONS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

A. Section II – Who Is An Insured is amended to include as an additional insured the person(s) or organization(s) shown in the Schedule, but only with respect to liability for "bodily injury" or "property damage" caused, in whole or in part, by "your work" at the location designated and described in the Schedule of this endorsement performed for that additional insured and included in the "products-completed operations hazard".

However:

1. The insurance afforded to such additional insured only applies to the extent permitted by law; and
2. If coverage provided to the additional insured is required by a contract or agreement, the insurance afforded to such additional insured will not be broader than that which you are required by the contract or agreement to provide for such additional insured.

B. With respect to the insurance afforded to these additional insureds, the following is added to Section III – Limits Of Insurance:

If coverage provided to the additional insured is required by a contract or agreement, the most we will pay on behalf of the additional insured is the amount of insurance:

1. Required by the contract or agreement; or
2. Available under the applicable limits of insurance;

whichever is less.

This endorsement shall not increase the applicable limits of insurance.

SCHEDULE

Name Of Additional Insured Person(s)
Or Organization(s):

Any person or organization to whom or to which you are required to provide additional insured status in a written contract, agreement or permit except where such contact or agreement is prohibited.

Location And Description Of Completed Operations

Any location where you have agreed, through written, contract, agreement, or permit, to provide additional insured coverage for completed operations

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**PRIMARY AND NONCONTRIBUTORY –
OTHER INSURANCE CONDITION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART

The following is added to Section IV – Conditions 4. Other Insurance and supersedes any provision to the contrary:

Primary And Noncontributory Insurance

This insurance is primary to and will not seek contribution from any other insurance available to an additional insured under your policy provided that:

- (1) The additional insured is a Named Insured under such other insurance; and
- (2) You have agreed prior to a loss, that this insurance would be primary and would not seek contribution from any other insurance available to the additional insured.
- (3) This insurance is excess over any other insurance available to the additional insured for which it is also covered as an additional insured by attachment of an endorsement to another policy providing coverage for the same "occurrence", claim or "suit".

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

- COMMERCIAL GENERAL LIABILITY COVERAGE PART
- ELECTRONIC DATA LIABILITY COVERAGE PART
- LIQUOR LIABILITY COVERAGE PART
- POLLUTION LIABILITY COVERAGE PART DESIGNATED SITES
- POLLUTION LIABILITY LIMITED COVERAGE PART DESIGNATED SITES
- PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
- RAILROAD PROTECTIVE LIABILITY COVERAGE PART
- UNDERGROUND STORAGE TANK POLICY DESIGNATED TANKS

SCHEDULE

<p>Name Of Person(s) Or Organization(s):</p> <p>As required by written contract or agreement.</p>
<p>Information required to complete this Schedule, if not shown above, will be shown in the Declarations.</p>

The following is added to Paragraph **8. Transfer Of Rights Of Recovery Against Others To Us** of **Section IV – Conditions:**

We waive any right of recovery against the person(s) or organization(s) shown in the Schedule above because of payments we make under this Coverage Part. Such waiver by us applies only to the extent that the insured has waived its right of recovery against such person(s) or organization(s) prior to loss. This endorsement applies only to the person(s) or organization(s) shown in the Schedule above.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED FOR COVERED AUTOS LIABILITY COVERAGE

This endorsement modifies insurance provided under the following:

- AUTO DEALERS COVERAGE FORM
- BUSINESS AUTO COVERAGE FORM
- MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" for Covered Autos Liability Coverage under the Who Is An Insured provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage Form.

SCHEDULE

<p>Name Of Person(s) Or Organization(s): As required by written contract</p>
<p>Information required to complete this Schedule, if not shown above, will be shown in the Declarations.</p>

Each person or organization shown in the Schedule is an "insured" for Covered Autos Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in Paragraph **A.1.** of Section **II** – Covered Autos Liability Coverage in the Business Auto and Motor Carrier Coverage Forms and Paragraph **D.2.** of Section **I** – Covered Autos Coverages of the Auto Dealers Coverage Form.

Policy Number: AS2-641-444950-045
Issued by: Liberty Mutual Fire Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

DESIGNATED INSURED - NONCONTRIBUTING

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM
GARAGE COVERAGE FORM
MOTOR CARRIERS COVERAGE FORM
TRUCKERS COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by this endorsement.

This endorsement identifies person(s) or organization(s) who are "insureds" under the Who Is An Insured Provision of the Coverage Form. This endorsement does not alter coverage provided in the Coverage form.

Schedule

Name of Person(s) or Organizations(s):

Any person or organization where the Named Insured has agreed by written contract to include such person or organization

Regarding Designated Contract or Project:

Any

Each person or organization shown in the Schedule of this endorsement is an "insured" for Liability Coverage, but only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured Provision contained in Section II of the Coverage Form.

The following is added to the **Other Insurance Condition:**

If you have agreed in a written agreement that this policy will be primary and without right of contribution from any insurance in force for an Additional Insured for liability arising out of your operations, and the agreement was executed prior to the "bodily injury" or "property damage", then this insurance will be primary and we will not seek contribution from such insurance.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

WAIVER OF TRANSFER OF RIGHTS OF RECOVERY AGAINST OTHERS TO US (WAIVER OF SUBROGATION)

This endorsement modifies insurance provided under the following:

AUTO DEALERS COVERAGE FORM
BUSINESS AUTO COVERAGE FORM
MOTOR CARRIER COVERAGE FORM

With respect to coverage provided by this endorsement, the provisions of the Coverage Form apply unless modified by the endorsement.

SCHEDULE

Name(s) Of Person(s) Or Organization(s):

Any person or organization for whom you perform work under a written contract of the contract requires you to obtain this agreement from us but only if the contract is executed prior to the injury or damage occurring.

Information required to complete this Schedule, if not shown above, will be shown in the Declarations.

The **Transfer Of Rights Of Recovery Against Others To Us** condition does not apply to the person(s) or organization(s) shown in the Schedule, but only to the extent that subrogation is waived prior to the "accident" or the "loss" under a c ontract with that person or organization.

WAIVER OF OUR RIGHT TO RECOVER FROM OTHERS ENDORSEMENT

We have the right to recover our payments from anyone liable for an injury covered by this policy. We will not enforce our right against the person or organization named in the Schedule. (This agreement applies only to the extent that you perform work under a written contract that requires you to obtain this agreement from us.)

This agreement shall not operate directly or indirectly to benefit anyone not named in the Schedule.

Schedule

Where required by contract or written agreement prior to loss.

Issued by:Liberty Insurance Corporation

For attachment to Policy No WA7-64D-444950-015
\$

Effective Date 06/01/2025

Premium

Issued to:HDR Engineering, Inc.

Policy Number TB2-641-444950-035
Issued by Liberty Mutual Fire Insurance Company

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

NOTICE OF CANCELLATION OR MATERIAL REDUCTION IN COVERAGE TO THIRD PARTIES

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE PART
MOTOR CARRIER COVERAGE PART
GARAGE COVERAGE PART
TRUCKERS COVERAGE PART
EXCESS AUTOMOBILE LIABILITY INDEMNITY COVERAGE PART
SELF-INSURED TRUCKER EXCESS LIABILITY COVERAGE PART
COMMERCIAL GENERAL LIABILITY COVERAGE PART
EXCESS COMMERCIAL GENERAL LIABILITY COVERAGE PART
PRODUCTS/COMPLETED OPERATIONS LIABILITY COVERAGE PART
LIQUOR LIABILITY COVERAGE PART
COMMERCIAL LIABILITY – UMBRELLA COVERAGE FORM

Schedule		
Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
As required by written contract or written agreement	As required by written contract or written agreement	30

- A. If we cancel this policy for any reason other than nonpayment of premium, or make a material reduction in coverage, we will notify the persons or organizations shown in the Schedule above. We will send notice to the email or mailing address listed above at least 10 days, or the number of days listed above, if any, before the cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B. This advance notification of a pending cancellation or material reduction of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

All other terms and conditions of this policy remain unchanged.

Policy Number ATB2-6426661952569
 Issued by siberdy L udit l Mre Q3urt ace Fomnt ay

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

NOTICE OF CANCELLATION OR MATERIAL REDUCTION IN COVERAGE TO THIRD PARTIES

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Schedule		
Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
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NOTICE OF CANCELLATION TO THIRD PARTIES

- A.** If we cancel this policy for any reason other than nonpayment of premium, we will notify the persons or organizations shown in the Schedule below. We will send notice to the email or mailing address listed below at least 10 days, or the number of days listed below, if any, before cancellation becomes effective. In no event does the notice to the third party exceed the notice to the first named insured.
- B.** This advance notification of a pending cancellation of coverage is intended as a courtesy only. Our failure to provide such advance notification will not extend the policy cancellation date nor negate cancellation of the policy.

Schedule

Name of Other Person(s) / Organization(s):	Email Address or mailing address:	Number Days Notice:
As required by written contract or agreement		30

All other terms and conditions of this policy remain unchanged.

Issued by Liberty Insurance Corporation

For attachment to Policy No. WA7-64D-444950-015 Effective Date 06/01/2025

Premium \$

Issued to HDR Engineering, Inc.

Endorsement

No.

EXHIBIT "C"

City of Pompano Beach
RLI25-031 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES CONSULTANT'S
COMPETITIVE NEGOTIATION ACT(CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Prime /Firm Name	HDR Engineering, Inc.
-------------------------	-----------------------

Position / Classification	Maximum Hourly Rate (\$)
Principal	\$400.00
Chief Engineer	\$445.00
Senior Project Manager	\$320.00
Project Manager	\$290.00
Senior Engineer	\$280.00
Staff Engineer	\$235.00
Project Engineer	\$170.00
Sr. Engineering Intern	\$130.00
Jr. Engineering Intern	\$115.00
Senior Designer	\$160.00
Designer	\$125.00
Senior Technician	\$195.00
Technician	\$130.00
Field Technician	\$100.00
Senior Planner	\$290.00
Planner	\$155.00
Principal Architect	\$290.00
Senior Architect	\$235.00
Staff Architect	\$210.00

Prime /Firm Name

HDR Engineering, Inc.

Position / Classification	Maximum Hourly Rate (\$)
Architect	\$185.00
GIS Manager	\$260.00
Senior Graphics/GIS	\$200.00
Graphics/GIS	\$135.00
Communications/Public Outreach Manager	\$245.00
Community/Public Outreach Assistant	\$185.00
Construction Manager	\$275.00
Senior Inspector	\$250.00
Project Field Inspector	\$210.00
Inspector	\$160.00
Scheduler	\$280.00
Estimator	\$335.00
Senior Project Controller	\$180.00
Project Controller	\$155.00
Senior Administrative Assistant	\$175.00
Administrative Assistant	\$115.00

City of Pompano Beach
RLI25-031 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES CONSULTANT'S
COMPETITIVE NEGOTIATION ACT(CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	Chen Moore and Associates
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Position / Classification	Maximum Hourly Rate (\$)
Principal Engineer	\$ 400.00
Senior Project Manager	\$ 300.00
Senior Engineer	\$ 260.00
Project Engineer	\$ 225.00
Associate Engineer	\$ 170.00
Engineer	\$ 145.00
Senior Designer	\$ 155.00
Designer	\$ 135.00
Senior Technician	\$ 125.00
Technician	\$ 110.00
Administrative Staff	\$ 130.00
Intern	\$ 80.00

City of Pompano Beach
RLI25-031 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES CONSULTANT'S
COMPETITIVE NEGOTIATION ACT(CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	Hammond & Associates, Inc.
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Position / Classification	Maximum Hourly Rate (\$)
Principal	\$ 266.35
Project Manager	\$ 164.52
Senior Engineer	\$ 145.80
Design Engineer	\$ 108.29
BIM/CAD Coordinator	\$ 87.49
Project Administrator	\$ 65.66

City of Pompano Beach
RLI25-031 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES CONSULTANT'S
COMPETITIVE NEGOTIATION ACT(CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	KEITH and Associates, Inc.	
Position / Classification	Maximum Hourly Rate (\$)	
Project Executive	\$	350.00
Project Manager	\$	250.00
Project Controls Specialist	\$	150.00
Administrative Assistant	\$	125.00
Principal Engineer	\$	280.00
Senior Engineer	\$	230.00
Professional Engineer	\$	200.00
Engineering Designer	\$	165.00
Engineering Technician	\$	135.00
Principal Landscape Architect	\$	280.00
Senior Landscape Architect	\$	230.00
Landscape Architect	\$	200.00
Landscape Designer	\$	165.00
Landscape Technician	\$	135.00
Arborist	\$	200.00
Planning Director	\$	280.00
Planning Manager	\$	230.00
Principal Planner	\$	200.00
Planner	\$	165.00
Planning Technician	\$	135.00

Sub /Firm Name

KEITH and Associates, Inc.

Position / Classification	Maximum Hourly Rate (\$)
Chief Utility Coordinator	\$ 230.00
Senior Utility Coordinator	\$ 200.00
Utility Coordinator	\$ 165.00
Utility Coordinator Technician	\$ 135.00
Construction Director	\$ 280.00
Senior Construction Manager	\$ 230.00
Construction Manager	\$ 200.00
Senior Inspector	\$ 180.00
Inspector	\$ 160.00
Chief Surveyor	\$ 280.00
Senior Surveyor /SUE	\$ 230.00
Project Surveyor / SUE	\$ 200.00
Survey / SUE Analyst	\$ 165.00
Survey / SUE Technician	\$ 135.00
Survey UAS/LiDAR Crew	\$ 250.00
Survey Crew	\$ 235.00
Utility Designating Crew	\$ 225.00
SUE Crew	\$ 400.00
Vacuum Excavation	\$ 550/Ea.

City of Pompano Beach
RLI25-031 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES CONSULTANT'S
COMPETITIVE NEGOTIATION ACT(CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	Leo A Daly
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Position / Classification	Maximum Hourly Rate (\$)
Principal	\$ 500.00
National Director	\$ 490.00
Market Sector Leader	\$ 396.00
Senior Project Manager	\$ 359.00
Project Manager	\$ 316.00
Senior Professional Architect	\$ 220.00
Project Architect	\$ 214.00
Designer Director	\$ 357.00
Designer	\$ 156.00
Administrative	\$ 134.00
Senior Technical	\$ 207.00
Senior Pre-Professional	\$ 197.00
BIM Coordinator	\$ 208.00
Senior Professional Interior Designer	\$ 214.00
Professional Interior Designer	\$ 160.00

City of Pompano Beach
RLI25-031 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES CONSULTANT'S
COMPETITIVE NEGOTIATION ACT(CCNA)

Position Classification & Maximum Hourly Labor Rate Schedule

Sub /Firm Name	McFarland-Johnson, Inc.
Position / Classification	Maximum Hourly Rate (\$)
Officer	\$ 310.00
Division Director/Regional Division Director	\$ 270.00
Sr. Project Manager/Planner (P07)	\$ 260.00
Sr. Project Manager/Project Manager (P06)	\$ 220.00
Project Engineer/Planner (P05)	\$ 190.00
Senior Engineer/Planner (P04)	\$ 160.00
Assistant Engineer/Planner (P03)	\$ 140.00
Junior Engineer/Planner (P02)	\$ 130.00
Junior Engineer/Planner (P01)	\$ 120.00
Technician Supervisor (T05)	\$ 165.00
Senior Technician (T04)	\$ 135.00
Technician (T03)	\$ 120.00
Assistant Technician (T02,T01)	\$ 110.00
Resident Inspector (I04)	\$ 170.00
Senior Inspector (03)	\$ 150.00
Inspector (I01, I02)	\$ 120.00
Support Staff	\$ 105.00

City of Pompano Beach

RLI25-031 CONTINUING CONTRACTS FOR AIRPARK ENGINEERING SERVICES CONSULTANT'S COMPETITIVE NEGOTIATION ACT(CCNA)

Geotechnical Fieldwork and Material Testing

Sub /Firm Name	TSFGEO	UNIT RATES
FIELDWORK		
Standard Penetration Test Borings (ATSM D-1586), Truck Rig or Mud Bug Rig		
0 - 50 Foot Depth Interval	Lin. Ft	\$17.00
51 - 100 Foot Depth Interval	Lin. Ft	\$19.00
101 - 150 Foot Depth Interval	Lin. Ft	\$25.00
Auger Borings (Drill Rig -ASTM 4700)		
0 - 50 Foot Depth Interval	Lin. Ft	\$14.00
51 - 100 Foot Depth Interval	Lin. Ft	\$16.00
Undisturbed Samples (Shelby Tubes)		
0 - 50 Foot	Lin. Ft	\$150.00
51 - 100 Foot	Lin. Ft	\$200.00
Temporary Casing (3-inch casing)		
0-50 Foot	Lin. Ft	\$8.00
51 - 100 Foot	Lin. Ft	\$10.00
101 -150 Foot	Lin. Ft	\$15.00
Grout Boreholes Truck/Mud Bug		
0-50 Ft	Lin. Ft	\$7.00
51-100 ft	Lin. Ft	\$9.00
100-150 ft	Lin. Ft	\$12.00
Muck Probing		
2- Man Crew	Hour	\$170.00
3- Man Crew	Hour	\$255.00
Permeability/Percolations Tests - Field (SFWMD Usual Open Hole Method)	Test	\$500.00
Rock Coring		
0 to 50 feet- Truck Mounted	Lin. Ft	\$55.00
50 to 100 feet- Truck Mounted	Lin. Ft	\$70.00
Temporary Casing (6-inch casing)		
0 to 50 feet	Lin. Ft	\$12.00
51 to 100 feet	Lin. Ft	\$14.00
Site Clearing Supervision	Hour	\$95.00
For drilling services inside existing structures - ventilation, lighting		
Extra Split Spoons (0 to 50 feet - truck mounted)	Each	\$30.00
Extra Split Spoons (51 to 100 feet - truck mounted)	Each	\$35.00
SOIL TESTING		
Field Density/Test (five (5) minimum)	Test	\$40.00
Standard Proctors	Test	\$150.00
Modified Proctors	Test	\$150.00
Limerock Bearing Ratio Test (Laboratory Test)	Test	\$400.00
California Bearing Ratio Test (Laboratory Test)	Test	\$400.00
Atterberg Limit Test	Test	\$90.00
Carbonate Content Test	Test	\$75.00
Organic Content Test (FM 1-T267)	Test	\$50.00
D.O.T. Corrosivity	Test	\$205.00
Soil Observation (On Site) - Sr. Eng. Tech	Hour	\$105.00
Natural Sample Moisture Content	Test	\$25.00
Unit Weight and Moisture Content (Undisturbed Sample)	Test	\$50.00
LA Abrasion	Test	\$255.00
Permeability Tests (fine grained soils)	Test	\$400.00
Permeability Tests (sands)	Test	\$400.00
Sieve Analysis (Complete) (ASTM D 6913)	Test	\$85.00
Sieve Analysis (-200 only) (ASTM D 1140)	Test	\$50.00
Hydrometer Analysis (does not include +200 sieve analysis) (ASTM D 422)	Test	\$120.00
Corrosion Series (pH, Sulphates, Chloride, Resistivity) (FDOT)	Test	\$205.00
Soil Resistivity	Test	\$75.00

Sub /Firm Name	TSFGEO	UNIT RATES
FIELDWORK		
Specific Gravity (ASTM D 854)	Test	\$65.00
Unit Weight Determination	Test	\$75.00
Calcium Carbonate of Aggregates (ASTM D 3042)	Test	\$70.00
Consolidation Tests (ASTM D-2435) up to 12 load increments	Test	\$1,950.00
Consolidation Test, additional load increment	Test	\$125.00
Hydraulic Conductivity tests of Granular Soils (Constant Head) (ASTM D 2434)	Test	\$400.00
Unconfined Compression Test (rock) (ASTM D 7012)	Test	\$175.00
Splitting Tensile Test (rock) (ASTM D 3967)	Test	\$175.00
Triaxial Test - Unconsolidated-Undrained (UU) (ASTM D 2850)	Test	\$1,200.00
Triaxial Test - Consolidated - Undrained (CU) (ASTM D 4767)	Test	\$1,250.00
Triaxial Test - Consolidated - Drained (CD) (USACE)	Test	\$1,250.00
Preparation of samples for consolidation, permeability or strength tests	Test	\$100.00
SAMPLING AND TESTING OF FRESH CONCRETE		
Curing, capping and compressive strength testing of concrete cylinders in Consultant's laboratory	Set of 6	\$105.00
Field Sampling Fresh Concrete (sampling, molding, slump testing, temperature)	Hour	\$95.00
Air Content Tests	each	\$20.00
Unit Weight Tests	each	\$50.00
Plant Control (Precast Yard Inspection)	Hour	\$105.00
Concrete Block Strength Test (gross area)	each	\$65.00
Concrete Block Absorption & Strength Test (net area)- 3 Blocks/Set	each	\$125.00
Concrete Beam Flexural Strength - 3 Beams/Set	each	\$150.00
Flexural Strength of Concrete Beam (ASTM C 78)	each	\$135.00
Casting and Compressive Strength of Hydraulic Cement Mortars using Cube Specimens (ASTM C 109)	Hour	\$95.00
SAMPLING & TESTING OF IN-PLACE CONCRETE		
Mobilization for coring	each	\$300.00
Trimming, measuring, capping, curing & testing of concrete cores	each	\$45.00
CONCRETE & MASONARY MATERIALS		
Concrete Compression test (Min. four (4) cylinders per trip)		
- Prepare cylinders & slump test on site, and deliver to lab	set	\$150.00
Additional Concrete cylinders with slump	cylinder	\$30.00
Concrete Compression test only [delivered to lab]	cylinder	\$20.00
Slump test	each	\$25.00
Stand-by (Beyond 1 hour on site)	hour	\$85.00
Grout Prism (Four (4) per set) - Includes preparation of Prism on site	set of 4	\$140.00
2" x 2" - Compression Testing	set	\$150.00
Additional Mortar cubes	each	\$30.00
Masonry Units		
A. Compressive Strength (ASTM C39)		
B. Absorption		
Concrete Cores (Min. 3);		
- Secure, trim & test 4 inch diameter	each	\$120.00
- Secure, trim & test 6 inch diameter	each	\$150.00
- Testing of core [delivered to lab (Incl. Trim)	each	\$60.00
Swiss Hammer Testing (Sr. Eng Tech)	hour	\$85.00
Windsor Probe Test - per 3 shots (Min. 3 shots)	set of 3	\$150.00
Additional Windsor Probe Tests (per 3 shots)	set of 3	\$75.00
Patching Cored Holes	each	\$85.00
AGGREGATE TESTING		
Grain size determination:		
A. Full grain size (8 sieves)	each	\$85.00
B. Wash through (#200)	each	\$50.00
Specific Gravity & Absorption of Fine or Coarse Aggregate	each	\$85.00
ASPHALT TESTING		
Asphalt Cores (obtaining core samples) (Min. 3)	each	\$225.00

Sub /Firm Name	TSFGEO	UNIT RATES
FIELDWORK		
Ignition of Asphalt for Asphalt Content and Extraction & Gradation (ASTM D 2172 or D 6752)	each	\$160.00
In-situ Density Tests - Nuclear Gauge Method (ASTM D 2950)	hour	\$85.00
Asphalt Density and Thickness	each	\$75.00
Asphaltic Density Plant Inspection	hour	\$105.00
MISCELLANEOUS SERVICES		
Foundation Analysis and Recommendation Reporting		Hourly
Double Ring Infiltration Test ASTM D-3385 (Min 2 tests)	test	\$950.00
Install Groundwater Monitoring Well, <25' (per PBCWUD Stds & Details)	lin. Ft.	\$45.00
Install Groundwater Monitoring Well, 25' - 50' (per PBCWUD Stds & Details)	lin. Ft.	\$60.00
Locking Well Cover and Pad	each	\$220.00
Development of Monitoring Wells	hour	\$150.00
Plug & Abandon Monitoring Well, <25' Depth	lin. Ft.	\$15.00
Plug & Abandon Monitoring Well, 25' - 50' Depth	lin. Ft.	\$20.00
Well sampling *	hour	\$145.00
Dynamic Cone Penetrometer Testing-(Field CBR Test)	test	\$900.00
DRILLING EQUIPMENT MOBILIZATION/DEMOBILIZATION (includes drill rig mileage)		
Truck-Mounted Rig	each	\$550.00
A TV - Mounted Rig - (sites not accessible to truck mounted equipment)	each	\$3,000.00
Amphibious / Barge (mounted equipment)	day	\$9,500.00
Support Truck	Day	\$225.00
Support Boat	Day	\$750.00
FOUNDATION TESTING SERVICES		
Vibration/ Noise Monitoring Equipment - seismograph with geophone or microphone (includes mobilization, equipment and labor)	day	\$125.00
SITE PREPARATION MONITORING & TESTING		
In-situ Density Tests - Nuclear Gauge Method (ASTM D 2922)	hour	\$95.00
In-situ Density Tests - Sand Cone Method (ASTM D 1556)	hour	\$105.00