

SECOND AMENDMENT TO  
A G R E E M E N T

Between

BROWARD COUNTY

and

THE URBAN GROUP, INC.

for

CONSULTANT SERVICES FOR  
NOISE MITIGATION PROGRAM ASSISTANCE  
FOR THE  
FORT LAUDERDALE-HOLLYWOOD INTERNATIONAL AIRPORT  
IN BROWARD COUNTY, FLORIDA

RLI #20041118-0-AV-01

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FOR THE  
FORT LAUDERDALE-HOLLYWOOD INTERNATIONAL AIRPORT  
IN BROWARD COUNTY, FLORIDA

This is the SECOND AMENDMENT ("Second Amendment") to the Agreement between: BROWARD COUNTY, a political subdivision of the state of Florida, its successors and assigns, hereinafter referred to as "County," through its Board of County Commissioners,

AND

THE URBAN GROUP, INC., a Florida corporation, its successors and assigns, hereinafter referred to as "Consultant."

W I T N E S S E T H

WHEREAS, County and Consultant entered into an Agreement dated November 27, 2006, which was amended by a First Amendment dated August 5, 2008, whereby Consultant would provide the first and second phases of consultant services to the County to assist the County with its Noise Mitigation Program ("Project"); and

WHEREAS, the first extension option under the aforesaid Agreement was extended on August 6, 2009, and provided for extension of the contract until November 26, 2010; and

WHEREAS, the parties desire to extend the Agreement for the second one year renewal period, resulting in the Agreement ending on November 26, 2011 (the

Agreement as amended and extended is hereinafter referred to as the "Agreement"); and

WHEREAS, County and Consultant desire to make such further amendments as are hereinafter set forth;

NOW, THEREFORE, in consideration of the mutual terms and conditions, promises, covenants and payments hereinafter set forth, COUNTY and CONSULTANT agree as follows:

1. The above recitals are true and correct and incorporated herein by reference.
2. The County hereby exercises its right to extend the Agreement for the second extension period, such that the Agreement shall terminate on November 26, 2011.
3. Article 5, *Compensation and Method of Payment*, is amended as follows:

5.1 AMOUNT AND METHOD OF COMPENSATION

. . .

5.1.2 County agrees to pay Consultant as compensation for performance of all services related to **Exhibit A, Phase II**, up to a maximum amount not-to-exceed One Million Eight Hundred Forty Eight Thousand Two Hundred Three Dollars (\$1,848,203.00) ~~One Million Six Hundred Thirty Thousand Three Hundred Thirty Four Dollars (\$1,630,334.00)~~, and Reimbursables Expenses, as described in Section 5.3, up to a maximum amount not-to-exceed Four Hundred Thirty-Four Thousand One Hundred Twenty-Nine Dollars (\$434,129.00) ~~Two Hundred Eighty One Thousand Two Hundred Twenty Nine Dollars (\$281,229.00)~~, for a total maximum amount not-to-exceed Two Million Two Hundred Eighty Two Thousand Three Hundred Thirty One Dollars (\$2,282,331.00). ~~One Million Nine Hundred Eleven Thousand Five Hundred Sixty Three Dollars (\$1,911,563.00)~~. It is understood that the method of compensation is that of "maximum not-to-exceed" which means that Consultant shall perform all services set forth for total compensation in the amount of or less than that stated above. The total hourly rates payable by County to Consultant shall be based on actual rates not to exceed the maximum rates shown on **Exhibit B**, attached to the First Amendment.

. . .

5.1.4 Optional Services

The Optional Services identified in **Exhibit F**, attached to the Second Amendment hereto and made a part hereof are in the total maximum not-to-exceed amount of Seventy Two Thousand Five Hundred Forty Eight Dollars (\$72,548.00) for **Phase I**, and a total maximum not-to-exceed amount of Fifty Thousand One Hundred Sixty-One Dollars (\$50,161.00) ~~One Thousand Three Hundred Five Dollars (\$1,305.00)~~ for **Phase II**, which includes professional services and expenses. Such services and expenses with respect thereto, may be authorized in the sole discretion of the County, as provided in section 3.9.

5.1.5 Total Maximum Compensation Payable to Consultant.

County agrees to pay Consultant as the total compensation for performance of all services related to **Phase I and Phase II** of **Exhibit A**, and pursuant to the terms of this Agreement, Salary Costs, as described in Section 5.2, up to a maximum amount not-to-exceed Two Million Forty Thousand Eight Hundred Fifty Seven Thousand Dollars (\$2,040,857.00) ~~One Million Eight Hundred Twenty Two Thousand Nine Hundred Eighty Nine Dollars (\$1,822,989.00)~~, and to reimburse Consultant for Reimbursables as described in Section 5.3, up to a maximum amount of Four Hundred Forty-Nine Thousand One Hundred Twenty-Nine Dollars (\$449,129.00) ~~Two Hundred Ninety Six Thousand Two Hundred Twenty Nine Dollars (\$296,229.00)~~, and to pay Consultant as compensation for performance of Optional Services, as described in subsection 5.1.4, up to a maximum amount of One Hundred Twenty-Two Thousand Seven Hundred Nine Dollars (\$122,709.00) ~~Seventy Three Thousand Eight Hundred Fifty Three Dollars (\$73,853.00)~~, for a total maximum amount payable to Consultant under this Agreement of Two Million Six Hundred Fourteen Thousand One Dollars (\$2,612,695.00). ~~Two Million One Hundred Ninety Three Thousand Seventy One Dollars (\$2,193,071.00)~~.

...

4. **Exhibit A**, *Scope of Services for Phase II*, attached to the Agreement is hereby replaced in its entirety by the **Exhibit A**, *Scope of Services for Phase II*, that is attached to this Second Amendment. In each instance in which **Exhibit A**, *Scope of Services*, is referred to in the Agreement, said reference shall be deemed a reference to **Exhibit A**, *Scope of Services for Phase II*,

attached to this Second Amendment.

5. **Exhibit F**, *Optional Services*, attached to the Agreement is hereby replaced in its entirety by the **Exhibit F**, *Optional Services*, that is attached to this Second Amendment. In each instance in which **Exhibit F**, *Optional Services*, is referred to in the Agreement, said reference shall be deemed a reference to **Exhibit F**, *Optional Services*, attached to this Second Amendment.
6. The Consultant acknowledges and agrees that the DBE participation goals set forth in the Agreement shall apply to all amounts covered by the Agreement, as amended.
7. Truth-in-Negotiation Certificate. Execution of this Second Amendment by Consultant shall act as the execution of a truth-in-negotiation certificate that any rates and other costs supporting the rates set forth in the Agreement, as amended hereby, are accurate, complete, and current as of the date of execution hereof.
8. In the event of any conflict or ambiguity between this Second Amendment and the Agreement, the parties hereto hereby agree that this document shall control.
9. Capitalized terms not otherwise defined herein shall have the meanings set forth in the Agreement.
10. The Agreement, as amended hereby, incorporates and includes all prior negotiations, correspondence, conversations, agreements, or understandings applicable to the matters contained therein and the parties agree that there are no commitments, agreements, or understandings concerning the subject matter hereof that are not contained in the Agreement, as amended hereby. Accordingly, it is agreed that no deviation from the terms of the Agreement, as amended hereby, shall be predicated upon any prior representations or agreements, whether oral or written.
11. Preparation of the Agreement, as amended, has been a joint effort of Consultant and County and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties than any other.
12. Except as set forth in the Agreement, as amended, no modification, amendment or alteration in the terms or conditions contained in the Agreement, as amended, shall be effective unless contained in a written document executed by the parties hereto.

13. Except as modified herein, all terms and conditions of the Agreement shall remain in full force and effect.
14. Consultant hereby irrevocably submits to the jurisdiction of Florida's state or federal courts in any action or proceeding arising out of or relating to the Agreement, as amended and hereby irrevocably agrees that all claims in respect to such action or proceeding may be heard and determined in Broward County, Florida, the venue situs. The parties agree that the Agreement, as amended, shall be construed and interpreted according to the laws of the state of Florida. To encourage prompt and equitable resolution of any litigation that may arise hereunder, the parties hereby waive any rights either may have to a trial by jury of any such litigation.
15. In the event the Agreement, as amended, or a portion of the Agreement, as amended, is found by a court of competent jurisdiction to be invalid, the remaining provisions shall continue to be effective unless County or Consultant elects to terminate the Agreement. The election to terminate the Agreement based upon this provision shall be made within seven (7) days after the finding by the court becomes final.
16. The truth and accuracy of each "Whereas" clause set forth above is acknowledged by the parties. The attached **Exhibits A and F** are incorporated into and made a part of this Second Amendment and a part of the Agreement by this reference.
20. Multiple copies of this Second Amendment may be fully executed by all parties, each of which shall be deemed to be an original.

[SIGNATURES ON FOLLOWING PAGES]

**SECOND AMENDMENT TO AGREEMENT BETWEEN BROWARD COUNTY AND THE URBAN GROUP, INC. FOR CONSULTANT SERVICES FOR NOISE MITIGATION PROGRAM ASSISTANCE FOR THE FORT LAUDERDALE-HOLLYWOOD INTERNATIONAL AIRPORT**

IN WITNESS WHEREOF, the parties hereto have made and executed this SECOND AMENDMENT to Agreement on the respective dates under each signature: BROWARD COUNTY through its BOARD OF COUNTY COMMISSIONERS, signing by and through its Mayor or Vice Mayor, authorized to execute same by Board action on the \_\_\_\_ day of \_\_\_\_\_, 2010, and THE URBAN GROUP, INC. signing by and through its representative duly authorized to execute same.

**COUNTY**

ATTEST:

BROWARD COUNTY, through its  
BOARD OF COUNTY COMMISSIONERS

\_\_\_\_\_  
County Administrator and Ex-Officio  
Clerk of the Board of County  
Commissioners of Broward  
County, Florida

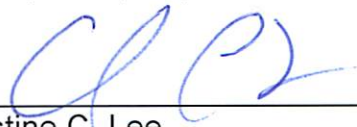
By \_\_\_\_\_  
Mayor

\_\_\_\_ day of \_\_\_\_\_, 2010

Insurance requirements  
approved by Broward County  
Risk Management Division

By  \_\_\_\_\_

Approved as to form by  
Office of the County Attorney  
for Broward County, Florida  
JEFFREY J. NEWTON, County Attorney  
Governmental Center, Suite 423  
115 South Andrews Avenue  
Fort Lauderdale, Florida 33301  
Telephone: (954) 357-7600  
Telecopier: (954) 357-7641

By  \_\_\_\_\_  
Christine C. Lee,  
Senior Assistant County Attorney

**SECOND AMENDMENT TO AGREEMENT BETWEEN BROWARD COUNTY AND  
THE URBAN GROUP, INC. FOR CONSULTANT SERVICES FOR NOISE  
MITIGATION PROGRAM ASSISTANCE FOR THE FORT LAUDERDALE-  
HOLLYWOOD INTERNATIONAL AIRPORT**

CONSULTANT

ATTEST:

THE URBAN GROUP, INC.,  
a Florida Corporation

Secretary

By Howard W. Steinholtz  
(President/Vice President)

Howard W. Steinholtz  
(Please Type Name of Secretary)

Howard W. Steinholtz  
(Please Type Name of President/  
Vice-President)

(CORPORATE SEAL)

5<sup>th</sup> day of October, 2010



**Broward County Aviation Department  
Early Action Voluntary Residential Sound Insulation Program**

The Scope of Services for the Broward County Early Action Voluntary Residential Sound Insulation Program (the “Program”) is provided for the following service categories:

- A. Program Management
- B. Community Outreach
- C. Acoustical Consulting
- D. Architectural Services
- E. Engineering Services
- F. Construction Administration

**Task A           PROGRAM MANAGEMENT**

**Task A.1       Participate in Program Kick-off Meetings**

The Consultant will participate in a Program kick-off meeting with Broward County Aviation Department (BCAD) and other Broward County staff to review the final scope of services, the proposed schedule, proposed community outreach and communications plan, and approach to carrying out the Program. A second meeting will be held with key stakeholders (such as members of City Council, the Airport Director, other city officials, neighborhood representatives, etc.) to formally introduce the Consultant’s team and to present the program approach, schedule and program presence in the community.

**Task A.2       Conduct Windshield (Housing Inventory) Survey**

The Consultant will conduct a windshield (housing inventory) survey of the noise impact areas to identify all eligible residential properties. Each dwelling unit will be classified by housing type (i.e., multi-family units, 1-1/2 story frame, 2-story frame, single level ranch, etc.), general condition, and material characteristics of the exterior envelope. All eligible properties will be documented for recording into the Program database and GIS-related mapping tool for use in Program participation selection process.

**Task A.3       Develop Parcel Map & Database of Eligible Properties**

The Consultant will develop a parcel database management system for BCAD’s Early Action Voluntary Residential Program. The Consultant will input basic ownership and property data as provided from the FEIS Consultant’s database assuming that this information is accurate and up-to-date. The resulting Program database will be used by the Consultant for issuing mass-mailings, scheduling homeowner visits, tracking design and construction progress by unit and bid package, recording homeowner approvals / agreements, scope revisions, acoustical tests, and construction status reports.

#### **Task A.4 Create Most Impacted Acoustical Ranking**

The Consultant will develop and program a model within the parcel database management system that will determine the relative noise exposure for selected residence based upon its proximity to the highest noise contour. The degree of relative noise exposure will be used to establish the eligibility and suggested prioritization for participation of each residence. The Consultant will coordinate with Broward County GIS / IT Department to obtain any data needed to perform the model analysis and prioritization ranking.

#### **Task A.5 Implement a Residential Sound Insulation Program Management System**

The Consultant will integrate its GIS-enabled residential sound insulation program (RSIP) management system to serve BCAD's program management needs in administering and implementing the Program activities. The RSIP management system is a Customer Relationship Management (CRM) system that is specifically designed to help sponsoring agencies administer, implement and oversee many aspects of their residential programs, including:

- Tracking and reporting home and phase status
- Tracking design and construction activity status
- Scheduling homeowner visits and appointments
- Logging and tracking problems and follow-up actions
- Documenting homeowner communication activities
- Generating mass-mailings of documents to homeowners
- Managing completed documentation for archiving project records
- Managing the status and timing of grant spending activities
- Generating reports and GIS maps for project management and FAA reporting

In addition, the Consultant will coordinate with Broward County's GIS /IT Department to assess the technical and administrative processes needed for integrating the Consultant's RSIP management system with Broward County's existing GIS services. The Consultant will then provide recommendations, and if necessary a cost estimate, for how to accomplish the desired integration. Subsequent to BCAD's approval, the Consultant will coordinate with the County to implement the integration recommendations.

#### **Task A.6 Maintain & Update Database**

The Consultant will maintain and update the parcel database management system described in Task A.3 by inputting additional data and updating any changed data as the Program progresses. The database will be used throughout the program's lifecycle to assist with selecting and prioritizing participants, scheduling homeowner visits, tracking design progress by unit and bid packages, recording homeowner approvals / agreements, scope revisions, acoustical tests, and providing construction status maps and reports.

### **Task A.7 Design, Maintain & Update a Program Website**

The Consultant will design, maintain, host, and regularly update a Program Website that reflects those characteristics, functions, and elements outlined in the “noise mitigation web site features” as provided by BCAD, via email on March 21, 2008. Hosting includes system maintenance, website backups and upgrades to ensure security and reliability of the system and its data.

### **Task A.8 Select Residential Units**

A list of proposed Early Action Program participants will be developed for review and approval by BCAD. The selection criteria for those participants will include location in proximity to the highest noise contour, housing type, housing style, type of window systems, and those having possible historic or architectural significance. Upon completion of BCAD’s review and approval, the Consultant will then contact selected homeowners to request their voluntary participation in the program.

Over the course of the Early Action Program, the Consultant will maintain the overall program participation process for bringing eligible property owners into the future implementation of the RSIP Program. This will involve determining which properties will participate in the next phase of the program based upon anticipated funding.

### **Task A.9 Prepare Early Action Program Schedule**

The Consultant will prepare, for review by BCAD, an Early Action Program schedule that contains all tasks and subtasks and their respective duration and interdependencies. The schedule will be prepared using *Microsoft Project*. The schedule will be updated periodically to reflect changes.

### **Task A.10 Support Avigation Easement Program**

The Consultant will provide support to BCAD in the development of an avigation easement for the Program. BCAD will create the language for the Avigation Easement to insure that the document covers their legal interests. The Consultant will also assist in developing procedures for the Program that will establish protocols for the long-term Program. The Consultant will research property title information to verify property ownership and to gather appropriate deed (book and page number) information for reference within the avigation easements. This process is not a title search, *per se*, merely a search of recorded deed and tax assessor information. The Consultant will secure avigation easements from program participants, as part of participation eligibility process. The Consultant will also record the easements upon completion of the sound insulation process.

### **Task A.11 Prepare & Update Monthly Progress Reports**

The Consultant will prepare and submit to the BCAD Monthly Progress Reports that summarizes work-in-progress by phase and task, % complete of task with task completed during the reporting period so noted, actual vs. projected schedule, key milestones achieved for

program development, design and construction, upcoming program events and / or deadlines, and key program issues and proposed resolution.

**Task A.12 Participate in Monthly Project Meetings with County / Airport**

The Consultant will meet on a monthly basis with the BCAD staff to review program status and to discuss upcoming program events and project activities, key program policy and procedure issues to be resolved, atypical field conditions, contractor and construction related matters, among other ongoing issues.

**Task A.13 Day-to-Day Coordination with BCAD's Project Manager**

The Consultant will coordinate with the BCAD's Residential Sound Insulation Noise Mitigation Officer on day-to-day basis. Tasks will include informal meetings, discussions, letters and memorandums, etc.

**Task 1.14 Intra-team Coordination & Meetings**

The Consultant will hold intra-team meetings throughout the early action project to ensure coordination within and among team members on scheduling, technical, agency and homeowner / community coordination issues.

**Task A.15 Modifications to the Procedures Manual**

Over the course of the Early Action Program, the Consultant will expand and modify the *Program Procedures Manual*, per Task 4.0 of Exhibit A. A revised version of the procedures manual will be provided for review by the BCAD upon the completion of the Early Action Project.

**Task A.16 Prepare FAA Compliance / Program Reporting**

The Consultant will assist the County / Airport with relevant program information in the preparation of FAA program applications, compliance documentation and reporting to meet the requirements of the grant provisions. The Consultant will prepare the necessary reports for BCAD approval.

**TASK B: COMMUNITY OUTREACH**

**Task B.1 Provide an Onsite Homeowner Coordinator**

The Consultant will provide a full-time, onsite Homeowner Coordinator / Administrative Assistant who will answer phones, greet guests, provide data entry, electronic / hardcopy filing, distribute and process homeowner applications, and provide word processing / clerical support.

**Task B.2 Develop and Produce Homeowner Communication Materials / Program Documents**

The Consultant will develop various materials to be used for Program-related homeowner communications, including telephone procedures, program information & application, program correspondence, homeowner agreements and avigation easements.

**Task B.3 Design, Produce and Distribute Program Newsletters**

The Consultant will develop up to three (3) program newsletters over the course of the Early Action RSIP Program. Topics shall include “Program Start Up”, “Neighborhood Survey / Early Action Project Goals”, “Residential units Selected”, and “Anticipated Program Schedule”. Newsletters will be printed and mailed to all eligible homeowners within the Program areas.

**Task B.4 Conduct Neighborhood Workshops**

The Consultant will conduct up to three (3) neighborhood workshops as a means to: introduce the community to the new program; familiarize potential program participants with the proposed acoustical treatments and procedures; update the community on the status of the program funding, design, and construction activities; discuss program eligibility and participation, avigation easement and homeowner agreements, on-site visits by the Consultant team and the overall Program schedule.

**Task B.5 Conduct Homeowner Meetings**

The Consultant will coordinate and participate in a series of homeowner related meetings, including three workshops (up to 25 eligible participants per workshop) for homeowners selected to participate in the Early Action Program. The Consultant will also provide homeowners assistance with the application forms at the project office. During the design process the Consultant will conduct an assessment visit to each unit to document existing conditions, a second visit at which the proposed acoustical treatments will be presented to the homeowner. Once revisions are made to treatment recommendations per the second visit, the homeowner will come to the Program Field Office to execute the homeowner agreement and avigation easement. During the pre-construction and construction phases, a series of visits to each residential unit will occur to take measurements for ordering products, to conduct periodic inspections during construction, and to perform punch-list inspection and final inspections.

**Task B.6 Conduct Soundproofing Surveys**

The Consultant will create and administer a survey to program participants at the completion of installation of acoustical treatments in the unit. The surveys will be tabulated and analyzed to highlight issues, comments and homeowner satisfaction with the Program.

## **TASK C: ACOUSTICAL PROGRAM GUIDELINES**

### **Task C.1 Develop Acoustical Testing Plan**

The Consultant will prepare an acoustical testing plan for the overall sound insulation program that summarizes the approach for pre- and post-construction testing individual residential units and on a phase-by-phase basis, employing a testing method using dual microphones and a portable noise source. It is anticipated that the testing for the Early Action Sound Insulation Project will be performed on all participating dwellings. A range of initial sound measurements will be conducted to determine the existing noise level reduction (NLR) levels for building elements and overall room performance. The results will be compiled and analyzed in a report. Cumulative results will be recorded to provide an overall program baseline for various products, and wall / ceiling / roof assemblies, as well as for various housing types. It is anticipated that 100% of the residential units participating in the Early Action Phase of the program will be tested. The percentage of residential units tested in subsequent phases will be reduced to a level that will be determined in coordination with the regional office of the FAA.

### **Task C.2 Develop Program Acoustical Criteria & Guidelines**

The Consultant will develop acoustical criteria and guidelines that conform to the Part 150 NCP-approved Noise Exposure Maps (NEM's) and the FAA's A.I.P Handbook 5500.38A, chapter 712, "Noise Insulation Projects". Meeting these criteria of reducing interior noise levels by a minimum of 5 decibels and creating interior noise levels of not greater than 45 dB DNL typically requires the Ft. Lauderdale-Hollywood RSIP reducing exterior-to-interior noise levels through improvements to the windows, doors, wall and ceiling / roof assemblies.

### **Task C.3 Conduct Pre-Construction Acoustical Testing**

The Consultant will conduct acoustical testing, at each of the Early Action Program residential units, in accordance with FAA guidelines and procedures set forth by ASTM E966-04 "Standard Guide for Field Measurements of Airborne Sound Insulation of Building Facades and Building Elements". Simultaneous measurements will be taken of the exterior and interior noise levels using an artificial noise source to determine the noise level reduction (NLR) in decibels (dBA) of the wall / window assemblies. An average of four tests will be performed in each unit. The NLR values will determine the level of acoustical improvement necessary to meet the program goals. The Consultant will prepare a pre-construction acoustical test report that documents existing condition NLR values within each property tested.

The Consultant will prepare a pre-construction acoustical test report that documents existing condition NLR values for each property tested. The Consultant will review the test results and will develop acoustical treatments that meet the noise reduction criteria.

### **Task C.4 Review Acoustical Treatment Concepts**

The Consultant will review the acoustical treatment concepts proposed for each unit to ensure that the proposed treatments will meet the noise reduction criteria for the Program. Recommendations for any modifications to the proposed treatments will be made, as required, to meet the goals of the program. The Consultant, upon review of these recommendations shall advise BCAD of any changes.

### **Task C.5 Conduct Post-Construction Testing**

The Consultant will conduct post-construction acoustical testing for all residential units and locations pre-tested and sound insulated using the methodology established by the acoustical testing plan. A report, comparing the pre-, and post- NLR values, will be prepared to verify that the performance of acoustical treatments meet the goals of the program. The Consultant shall review this report and coordinate any revisions prior to its submittal to BCAD

## **TASK D: ARCHITECTURAL SERVICES**

### **Task D.1 Conduct Building Code Review / Meet with Building Officials**

Building code requirements, as they relate to the installation of acoustical treatments (including mechanical and electrical upgrades) will be reviewed with affected City Building Officials. A summary of the relevant federal, state and local building code requirements will be prepared for review with the Broward County and will be included in the *Program Procedures Manual*.

### **Task D.2 Historical Coordination & Review**

The Consultant will confirm if any of the treatment eligible residential units are listed on local, state or national historic registers by contacting any local historic or state historic preservation commissions / offices with jurisdiction over residential units within the noise impact area. For any residential units identified as being listed, the Consultant will develop acoustical treatment recommendations that they deem to be appropriate to the architectural and historic nature of the residential units and will review the proposed treatment approach with commissions / offices for review and comment. This review is a notification review only and is not intended to result in a Programmatic Agreement or constitute a full review process, as required under Section 106 of the National Historic Preservation Act of 1966 and published in the Code of Federal Regulations at 36 CFR Part 800.

### **Task D.3 Prepare Report on Regulatory Environment**

The Consultant will review local, state and federal requirements regarding hazardous materials (lead paint and asbestos), and prepare a summary report on the various testing, plan submission & approval, and remediation requirements for the Program in connection with the installation of acoustical treatments (window & door replacements, and HVAC and ventilation upgrades).

### **Task D.4 Develop a Hazmat Materials Testing & Remediation Plan**

The Consultant, in accordance with the findings in the above-mentioned report on the regulatory requirements, will prepare a Hazmat testing and remediation plan for use in the Early Action Project.

#### **Task D.5 Recommend Program Standards for Acoustical Treatments and Products**

Based on the results of the housing inventory, program acoustical criteria, the pre-construction acoustical testing, and in concert with a review of acoustical products appropriate to the Program, the Consultant will develop recommended acoustical treatment and ventilation options for application to residential units in the Early Action Project. These recommendations will be submitted in a report that includes: acoustical window and door products, acoustical treatments to wall / ceiling / roof assemblies, attic insulation, attic hatch covers, vent baffles, etc. In addition, recommendations for upgrade and / or replacement of existing mechanical / ventilation systems and electrical service (as required) will be presented. A draft report will be submitted to the Broward County for review followed by a final report that reflects feedback on proposed recommendations.

#### **Task D.6 Conduct Site Assessment Visits**

The Consultant will conduct architectural assessment visits for the 50 residential units selected for participation in the Early Action Project. The technical team will include architectural and constructability staff to review existing conditions, determine acoustical testing locations, review acoustical treatment applications and construction approach, and to brief the homeowner on the technical and construction process.

#### **Task D.7 Prepare Existing Conditions Report**

The Consultant will prepare schematic floor plans of each unit's existing floor plans, take photos of each major elevation, document in schedule format existing exterior door/ window types, and collect other existing conditions information that is relevant to the installation of likely acoustical treatments. The Consultant will also collect information relevant to potential non-complying code or occupancy conditions that pertain to the acoustical treatments. The Consultant will prepare and submit an Existing Conditions Report to Broward County for evaluation and discussion before proceeding with treatment recommendations. This report will include the findings of the Consultant with respect to acoustical, mechanical, electrical, structural and environmental conditions.

#### **Task D.8 Prepare Design Concept Packets**

The Consultant will prepare a treatment concept packet for each of the residential units. These packets will include: floor plan(s), door and window schedules, photos of each major elevation, as well as any details unique to installations at the residence and details regarding any wall / ceiling upgrades. A treatment concept packet will also be prepared for both the mechanical and electrical plans.

#### **Task D.9 Review Design Concept Packets with Homeowners**

The Consultant will meet with each of the property owners to review the proposed acoustical treatments.



**Task D.10 Finalize Design Concept Packets per Homeowner Review**

The Consultant will modify the concept packets to reflect any changes that were agreed to with the homeowner.

**Task D.11 Assist Broward County with Homeowner Agreements & Avigation Easements**

The Consultant will assist Broward County in preparing and executing “Homeowner Participation Agreements” with all participating homeowners. In conjunction with the Broward County Attorney’s Office, the Consultant will assist with the creation of the language for the Homeowner Agreements.

**Task D.12 Prepare Draft Construction Contract Documents (90% Submittal)**

Following the execution of the Homeowner Agreements, the Consultant will prepare a set of Draft Construction Contract Documents (90% submittal) that will be submitted to Broward County for review and comment. These documents will include draft final plans and treatment recommendations; door and window schedules; finishes and colors; technical specifications and construction details; the incorporation of IAQ upgrades and HazMat Remediation Plans; and a probable cost of construction.

**Task D.13 Review Broward County’s Standard Bid Documents**

The Consultant will use a standard set of General Conditions, Supplemental General Conditions and Instruction to Bidders, RLI documents, bid documents at county discretion that will be provided as the “front end” to the Construction Contract Documents. The Consultant will review these documents and prepare a summary of recommended revisions that would coordinate these documents more closely with the work of the RSIP Program.

These recommendations will include draft Special Provisions that will serve as supplemental conditions to the general contract that relate specifically to the acoustical treatments being undertaken by the Early Action Project. These guidelines shall include but shall not be limited to working in residences, allowable work hours, acoustical performance goals, the moving of furniture, and daily clean up, etc.

**Task D.14 Prepare 100% Construction Contract Documents**

Upon receipt of the 90% review comments from Broward County, the Consultant will make the necessary revisions and prepare the 100% set of Construction Contract Documents including plans, schedules, standard details, special details, technical specifications, general conditions and special provisions of the contract as necessary to publicly solicit bids and complete the scope of work. The Consultant will print, advertise and distribute to interested Contractors.

**Task D.15 Estimate of Probable Costs**

The Consultant will prepare and submit to Broward County an estimate of probable costs for the scope of work described in the 100% Construction Contract Documents.

## **Task E: ENGINEERING SERVICES**

### **Task E.1 Conduct Code & Regulatory Reviews**

The Consultant will conduct a review of the national, state, and local code requirements that are applicable to the work being undertaken by the Program. Upon completion of this review, the Consultant will consult with regulatory officials as required to confirm that they agree with the Consultant's review and/or to note any additional concerns. The Consultant will prepare and submit to the Consultant a summary of code issues including any additional concerns noted per reviews with regulatory officials. The Consultant will review, and have revised as may be appropriate, and submit to Broward County as background information.

### **Task E.2 Conduct Engineering Assessment Visits**

**Mechanical & Electrical Engineering** - The Consultant will conduct Mechanical & Electrical (M&E) assessments for all the RSIP residential units as is required to determine whether any work is required consistent with program policy to provide ventilation / air conditioning.

**Indoor Air Quality** – The Consultant will also evaluate potential indoor air quality problems that might be present in the residential units, and, by extension, to the larger group of eligible residential units. Issues that will be examined include: adequate venting and air infiltration, possible need for combustion air for appliances in the living areas, contributions to humidity (non-vented clothes dryers, non-vented kitchens and baths), and other sources of contamination (mold, hazardous materials, etc.).

**Structural Engineering** - If acoustical treatment recommendations include adding load to existing walls and / or ceilings, the Consultant will analyze the load bearing capacity of the existing structure and advise if any structural modifications are required.

**HazMat Engineering** – The Consultant will perform a site assessment to investigate the possible presence of hazardous materials that would require on-site testing, including possible lead paint (residential units constructed prior to 1974) and asbestos such as transite siding, VAT floor tile, possible window caulking, or mechanical systems insulation (flue liners or pipe jacketing).

### **Task E.3 Prepare Engineering Reports**

The Consultant will prepare and submit to Broward County, as part of the Existing Conditions Report described in Task D.7, a summary of findings and recommendations from the assessment visits.

### **Task E.4 Prepare Engineering Concepts**

The Consultant will prepare documentation describing any modifications and / or replacement of mechanical, electrical, ventilation, IAC, or structural systems, as well as any necessary remediation measures related to hazardous materials.

This documentation will include, for each unit: a written narrative of the scope of work, a description of any non-complying conditions and/or deficiencies that may need correction prior to the sound insulation being done, and schematic plans showing the location of existing and new equipment. This documentation will be included in the Design Concept Packets, described in Task D.8 that will be submitted to Broward County.

Specific to potential hazardous materials, the Consultant shall investigate the residential units for the possible presence of hazardous materials in those areas that will likely be impacted by the acoustical treatments. The Consultant shall prepare, in accordance with State and Federal regulations, hazmat notification and / or remediation plans for approval, as well as safe work practices.

The Consultant will review hazmat remediation measures with Broward County for possible inclusion in the Construction Contract Documents, to ensure that the acoustical treatment process during construction is carried out in conformance with all relevant statutory requirements.

**Task E.5 Prepare Engineering Documents for (90%) Construction Contract Documents**

The Consultant will revise and submit concepts based upon Broward County approved homeowner modifications and prepare documents associated with mechanical, electrical, ventilation, and/or structural upgrades for each unit. The Consultant shall review these documents, request revisions as required, and incorporate these plans, details, technical specifications and probable costs of construction into the 90% Draft Construction Contract Documents that will be submitted to Broward County, per Task D.12.

**Task E.6 Prepare 100% Construction Contract Documents.**

Based upon the 90% review comments from Broward County, the Consultant will make the necessary revisions for the 100% set of Construction Contract Documents and revise the estimate of probable costs as required. The Consultant shall incorporate these changes into 100% Construction Contract Documents per Task D.17.

**Task F: CONSTRUCTION ADMINISTRATION**

**Task F.1 Assist Broward County with Bid Advertisement / Schedule**

The Consultant will assist Broward County in preparing the bid advertisement and establishing the bidding schedule for the Program.

**Task F.2 Assist Broward County with Pre-bid Conference**

The Consultant will assist Broward County in conducting a single pre-bid conference for the Early Action Project for all interested Contractors. The Consultant will prepare the agenda for submission to Broward County in advance of the meeting. The Consultant will prepare meeting minutes for distribution to all attendees.

### **Task F.3 Respond to Clarifications & Prepare Addenda**

The Consultant will prepare written responses to questions raised at the pre-bid conference or prior to the bid. Written responses or addenda to the bid documents will be issued, as required, by Broward County to the plan holder's.

### **Task F.4 Assist Broward County with Technical Review of Contractor Bids**

Upon receipt of contractor bids, the Consultant will assist Broward County with reviewing the Contractor Bids.

### **Task F.5 Recommend Award**

The Consultant will review the submittals, prepare a written analysis / report / recommendation letter, and, if required, participate in a pre-award meeting with Broward County and the apparent low bidder to review in detail any problem areas and the bidder's resources / capabilities.

### **Task F.6 Conduct Pre-Construction Conference and Walk-Through**

For the successful bidder awarded the contract, the Consultant will conduct a pre-construction conference and walk-through. A walk-through will be conducted at each residence to take dimensions for ordering products and to discuss and resolve any questions the Contractor may have regarding proposed treatments. Resolution with regards to architectural, mechanical, electrical and ventilation systems (including equipment locations, line set routing, duct size and routing and electrical system upgrades) will occur during the walk-through. The Consultant will inform Broward County of any treatment changes that may result from the walk-through.

### **Task F.7 Review Contractor Submittals & Work Schedules**

The Consultant will receive shop drawings and project submittals and technical information from the contractors and review for conformance with the Construction Contract Documents. The Consultant shall process the submittals within a ten (10) day period, unless the Contractor is requesting substitutions.

### **Task F.8 Review & Approve Contractor's Schedule of Values**

The Consultant, upon receipt of the contractor's Schedule of Values, will review and comment, or review and approve the breakdown of scope of work and dollar value for each of the participating dwellings in the RSIP Project.

### **Task F.9 Approve Contractor's Final Work Schedules**

The Consultant will review the Contractor's draft construction schedule with participating homeowners to insure that no conflicts exist. The Consultant will provide homeowner feedback to the Contractor who will, in turn, prepare a final construction schedule that will be followed throughout the construction process.

#### **Task F.10 Coordinate Contractor Work Schedules with Homeowners**

Upon receipt of the Contractor's final construction the Consultant will inform Broward County and participating homeowners. The Contractor will be responsible for informing homeowners on a weekly basis where work will be taking place consistent with the final schedule. Any changes to this schedule will be reviewed and approved by the Consultant with input from Broward County.

#### **Task F.11 Inventory Materials at Contractor's Warehouse**

The Consultant will inventory all contractor materials, including window and door products, miscellaneous trim, insulation, among other acoustical products, to determine that the materials are being provided are as specified and to ensure that all of the products and materials for each unit are in the Contractor's local warehouse prior to approving the start of work in each unit.

#### **Task F.12 Monitor Construction Unit Starts**

The Consultant will monitor the Contractor's unit starts, which are an industry standard for gauging the work completed versus field crew capacity. A weekly progress report will be provided to Broward County.

#### **Task F.13 Attend and Conduct Weekly Construction Progress Meetings**

The Consultant will attend and conduct weekly construction progress meetings and create minutes / action items for distribution to all parties. Meetings shall be attended by the Contractor's Superintendent, a Consultant representative, and a Broward County representative.

#### **Task F.14 Periodic On-Site Reviews**

The Consultant will perform periodic on-site reviews throughout the term of the construction contract to insure that the Contractor's work is consistent with the design intent of the Construction Contract Documents. Duties will include: observe and monitor construction progress, create photographic documentation and prepare daily logs, inventory contractor's warehouse to ensure that all products are available prior to commencing work at each unit; verify that the correct materials/products are being installed per the Construction Contract Documents; address homeowner or contractor questions in the field or refer issues to the Consultant and/or the Consultant for clarification, and, investigate claims and initiate documentation for any changes in the work.

### **Task F.15 Review & Process Contractor's Application for Payment**

The Consultant will review Contractor's monthly "Application for Payment" forms, including a "pencil" copy to be agreed to by the construction representative, the construction manager, the architect and the Consultant. Upon satisfactory resolution of discrepancies and verification that the work is in accordance with the Construction Contract Documents for the Early Action Project, a final draft payment application will be generated by the Consultant and forwarded to Broward County for processing (in some cases, whether there is full agreement with the Contractor or not). A notarized payment application from the contractor is not required. Broward County will enter the payment application into the agencies system and generate a payment form in the required format, number of copies, etc. for processing. The Consultant will review and sign the final application certifying accuracy, and return the form to Broward County for processing.

### **Task F.16 Review Weekly Payroll Records**

A Broward County designated representative will receive the contractor and subcontractor's weekly payroll records in order to conduct periodic interviews of Contractor personnel to verify workforce composition, the accuracy of payroll records, and compliance with State and Federal Wage Rates. A duplicate copy will be provided to the Consultant's field staff for review at the weekly progress meeting.

### **Task F.17 Review & Resolve Change Orders**

The Consultant will review the RFI's and Contractor Change Proposals and make recommendations to Broward County regarding potential contract adds / deducts and changes in contract schedule and sum.

### **Task F.18 Prepare Punch Lists**

Upon written notice by the Contractor that the work in a unit is Substantially Complete, the Consultant will prepare a punch lists for each residence that notes observations per Task F.15. Reports will note items to be corrected / or those that remain incomplete. A copy of the punch list will be provided to the Contractor, the Project Representative, and Broward County.

### **Task F.19 Certify Substantial Completion of Contractor's Work**

Upon confirmation that the Contractor has completed items per the Punch Lists, the Consultant shall certify the substantial completion of work for each unit.

### **Task F.20 Conduct Final Inspections**

The Consultant will conduct a final inspection at each residence. The Consultant will verify that all work required per the Construction Contract Documents has been satisfactorily completed and accept the work on a unit-by-unit basis as being complete.

**Task F.21 Coordination & Distribution of Contractor’s Markups**

The Consultant will submit to Broward County copies of the Contractor’s markups to field documentation as to the actual work performed.

**Task F.22 Closeout: Provide Final Change Order and Warrantees, Etc.**

The Consultant will prepare a final change order for close out of the contract. Additionally, the Consultant will administer other contract closeout procedures with the General Contractor (upon receipt of the Final Application for Payment, Bonds, Certificates of Clearance Testing or Wipe Tests for HazMat, Release of Liens, Record Drawings, and Contract Photos). The Consultant will submit the contract closeout documents to Broward County.

The Consultant will receive all required warranties, operating manuals, maintenance data, and instructions required per the Construction Contract Documents and review them for compliance with contract requirements. Completed packages will be distributed to the Homeowners, along with copies of the Contractor’s Markups (per Task F.22 above).

The Consultant will assist Broward County in the preparation of a “Homeowner Acceptance Form”. Upon completion of the final inspection and receipt of the warranty package, the Consultant will coordinate the signing of the form by the homeowner(s), indicating acceptance of the completed work.

End of Document

**NOISE MITIGATION PROGRAM ASSISTANCE**

**RLI # 2004-118-0-AV-01**

**Staffpower and Fee Proposal**

**The Urban Group**

# PHASE 2 TASKS - Summary Spreadsheet

	<b>Professional Fees</b>	<b>Expenses</b>	<b>Grand Total</b>	<b>Total Hrs</b>
The Urban Group	\$766,884.03	\$336,778.82	\$1,103,662.85	5,904
AECom	\$212,352.83	\$5,000.00	\$217,352.83	2,283
The Jones Payne Group	\$418,015.54	\$34,900.00	\$452,915.54	4,279
Harris Miller Miller & Hanson, Inc.	\$39,118.98	\$15,400.00	\$54,518.98	212
Keith & Associates	\$108,077.38	\$5,400.00	\$113,477.38	1,709
RCT Engineering, Inc.	\$191,834.94	\$27,250.00	\$219,084.94	1,804
AirQuest Environmental	\$36,508.83	\$7,400.00	\$43,908.83	503
Dickey Consulting	\$64,503.26	\$1,700.00	\$66,203.26	625
Adrian Gonzalez	\$10,906.59	\$300.00	\$11,206.59	211
<b>SUBTOTAL</b>	<b>\$1,848,202.36</b>	<b>\$434,128.82</b>	<b>\$2,282,331.18</b>	<b>17,529</b>
<b>OPTIONAL SERVICES</b>	<b>\$50,160.94</b>	<b>\$0.00</b>	<b>\$50,160.94</b>	<b>422</b>
<b>TOTAL</b>	<b>\$1,898,363.30</b>	<b>\$434,128.82</b>	<b>\$2,332,492.12</b>	<b>17,951</b>



**NOISE MITIGATION PROGRAM ASSISTANCE**  
**RLI # 2004-118-0-AV-01**  
**Staffpower and Fee Proposal**  
**The Urban Group**

Task No.	Task Name	TUG	AECom	Jones Payne Group	Harris Miller Miller & Hanson Inc.	Keith & Associates	RCT Engineering, Inc.	AirQuest Environmental	Dickey Consulting	Adrian Gonzalez	Task Totals
<b>1.0</b>	<b>Set-up an available office space for lease</b>										
	Task Total	\$44,614.92	\$0.00	\$9,899.66	\$704.80	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$55,219.38
	Hours	337	0	92	4	0	0	0	0	0	433
<b>2.0</b>	<b>Supplement existing FEIS and Part 150 databases with additional information as deemed necessary for the Preferred Alternative Zones.</b>										
	Task Total	\$442.02	\$0.00	\$5,899.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,341.76
	Hours	2	0	46	0	0	0	0	0	0	48
<b>3.0</b>	<b>Attendance a Meetings</b>										
	Task Total	\$33,772.80	\$1,075.26	\$13,344.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$48,192.64
	Hours	191	7	92	0	0	0	0	0	0	289
<b>4.0</b>	<b>Create Program Management and Procedure Plans</b>										
	Task Total	\$11,836.12	\$6,451.59	\$25,871.63	\$3,964.52	\$0.00	\$6,050.60	\$0.00	\$0.00	\$0.00	\$54,174.46
	Hours	91	42	217	23	0	58	0	0	0	430
<b>5.0</b>	<b>BCAD Voluntary Residential Sound Insulation Program for up to 50 Units.</b>										
	Task Total	\$2,228.24	\$307.22	\$515.54	\$5,317.01	\$0.00	\$3,896.00	\$2,468.50	\$7,173.51	\$0.00	\$21,906.02
	Hours	22	2	4	32	0	38	24	69	0	190
<b>6.0</b>	<b>Develop and implement a noise mitigation community outreach plan</b>										
	Task Total	\$4,616.28	\$153.61	\$27,294.86	\$0.00	\$0.00	\$0.00	\$0.00	\$35,055.81	\$0.00	\$67,120.57
	Hours	35	1	221	0	0	0	0	296	0	552
<b>Exhibit F</b>	<b>Optional Services</b>										
	Task Total	\$16,387.97	\$0.00	\$24,193.97	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,579.00	\$50,160.94
	Hours	122	0	238	0	0	0	0	0	62	422
<b>Grand Task Total</b>		<b>\$113,898.35</b>	<b>\$7,987.68</b>	<b>\$107,019.98</b>	<b>\$9,986.33</b>	<b>\$0.00</b>	<b>\$9,946.60</b>	<b>\$2,468.50</b>	<b>\$42,229.33</b>	<b>\$9,579.00</b>	<b>\$303,115.78</b>
<b>Grand Total Hours</b>		<b>800</b>	<b>52</b>	<b>908</b>	<b>58</b>	<b>0</b>	<b>96</b>	<b>24</b>	<b>364</b>	<b>62</b>	<b>2363</b>

Notes:

Project Team Hourly Rates	Principal	Project Manager	Real Property Specialist III	Real Property Specialist II	Admin. Assistant
	\$69.53	\$46.35	\$30.93	\$25.25	\$20.30

Staff Member

PHASE II

Task 1.0: Set up an available office space for lease

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
1.1	The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size and configuration to minimize the need for extensive improvements, at rates, terms and conditions that are comparable to current real estate market.	10	5	0	0	0	14	\$869.11
1.2	Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	21	23	0	19	4	66	\$3,046.57
1.3	Consultant shall direct the set-up of the Noise Mitigation Assistance Program field office upon notice by the Noise Mitigation Officer.	27	63	0	33	6	129	\$5,733.27
1.4	Establish toll-free telephone number for inquiries from the public.	0	0	0	0	0	0	\$0.00
1.5	Furnish field office with products that could be used in soundproofing homes.	22	92	0	14	0	128	\$6,141.57
							<b>337</b>	<b>\$ 15,790.52</b>

Task 2.0 Supplement existing FEIS and Part 150 databases with additional information as deemed necessary for the Preferred Alternative Zones.

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
2.1	Update data through a supplemental geographic information system (GIS) map to others as necessary, including but not limited to the following elements, by type of housing (i.e., single family, townhouse, apartment, manufactured housing, etc.):	2	0	0	0	0	2	\$156.44
	2.1.1 Parcel numbers (by ownership, which is different than folio numbers);							
	2.1.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones;							
	2.1.3 Average unit cost information for various potential mitigation measures;							
	2.1.4 Average annual property taxes by jurisdiction/neighborhood;							
	2.1.5 Identification of homestead properties							
							<b>2</b>	<b>\$ 156.44</b>

Task 3.0: Attendance at Meetings

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
3.1	Consultant will attend meetings and provide information for those meetings as outlined by the Noise Mitigation Officer for the Broward County Aviation Department	135	56	0	0	0	191	\$11,953.18
							<b>191</b>	<b>\$ 11,953.18</b>

**Task 4.0: Create Program Management and Procedure Plans**

Subtotal hrs Cost

4.1	<b>Create Program Management and Procedure Plans</b>  4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and  4.1.2 Quality assurance/quality control procedures.	10	35	0	0	10	55	\$2,532.14
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	0	36	0	0	0	36	\$1,657.01
							<b>91</b>	<b>\$ 4,189.15</b>

**Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to 50 Units.**

Subtotal hrs Cost

5.1	<b>Create letter to sent to owners of properties within initial noise contour to identify interest, including general notice of potential relocation eligibility.</b>	0	0	0	0	0	0	\$0.00
5.2	<b>Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program.</b>	0	0	0	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b>	0	11	0	12	0	22	\$788.64
	Task A.2 - Conduct Windshield (Housing Inventory) Survey							
	Task A.3 - Develop Parcel Map & Database of Eligible Properties							
	Task A.4 - Create Most Impacted Acoustical Ranking							
	Task A.5 - Implement a Residential Sound Insulation Program Management System							
	Task A.8 - Select Residential Units							
	Task A.9 - Prepare Early Action Program Schedule							
	Task B.2 - Develop and Produce Homeowner Communication Materials / Program							
	Task B.3 - Design, Produce and Distribute (the 1st) Program Newslette							
	Task C.1 - Develop Acoustical Testing Plan							
	Task C.2 - Develop Program Acoustical Criteria & Guidelines							
	Task D.1 - Conduct Building Code Review / Meet with Building Officials							
	Task D.3 - Prepare Report on Regulatory Environment							
	Task D.4 - Develop a HazMat Materials Testing & Remediation Plan							
	Task D.5 - Recommend Program Standards for Acoustical Treatments and Products							
	Task E.1 - Conduct Code & Regulaory Reviews							
							<b>22</b>	<b>\$ 788.64</b>

**Task 6.0: Develop and implement a noise mitigation community outreach plan**

Subtotal hrs Cost

6.1	Create handbooks for public distribution re: sound insulation processes.	0	14	0	0	0	14	\$625.73
6.2	Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.	0	0	0	0	0	0	\$0.00
6.3	Develop website content related to the overall noise mitigation for use at BCAD's review	0	22	0	0	0	22	\$1,008.11
6.4	Consultant to create, design, update, and maintain the noise mitigation program website.	0	0	0	0	0	0	\$0.00
							<b>35</b>	<b>\$ 1,633.84</b>

**Exhibit F**

Subtotal hrs Cost

<b>Optional Services</b>								
1	Assist with grant process	0	0	0	0	0	0	\$0.00
2	Finalize Noise Mitigation Plan	4	28	0	0	0	32	\$1,575.92
3	Sound Insulation Program Selection of Units	0	2	0	0	0	2	\$92.70
4	Mobile Home Park Determination of Willing Seller	23	35	0	0	22	80	\$3,668.04
5	Community Outreach Website	0	4	0	0	0	4	\$185.40
6	Conduct Housing Absorption Study	4	0	0	0	0	4	\$278.12
							<b>122</b>	<b>\$ 5,800.18</b>

Subtotal of Hours	258	423	0	77	42	800
Subtotal of Dollars	\$17,903.98	\$19,606.05	\$0.00	\$1,944.25	\$857.68	

Direct Labor **\$40,311.95**

<b>Total Hours</b>	258	423	0	77	42	800
<b>Total Direct Labor Cost</b>	\$17,903.98	\$19,606.05	\$0.00	\$1,944.25	\$857.68	<b>\$40,311.95</b>
<b>Overhead (152.27%)</b>	\$27,262.38	\$29,854.13	\$0.00	\$2,960.51	\$1,305.98	<b>\$61,383.01</b>
<b>Sub-Total</b>	\$45,166.36	\$49,460.18	\$0.00	\$4,904.76	\$2,163.66	<b>\$101,694.96</b>
<b>Fee (12%)</b>	\$5,419.96	\$5,935.22	\$0.00	\$588.57	\$259.64	<b>\$12,203.39</b>
<b>Total Fee</b>						<b>\$113,898.35</b>

**Direct Reimbursable**

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**Office Expenses**

**\$34,355.82**

**Categories**

1.	Office Leasehold Expenses (rent, taxes, security, deposits, etc.)	<b>\$21,781.03</b>
2.	Telecommunications	<b>\$6,284.69</b>
3.	Postage & Delivery Services	<b>\$246.12</b>
4.	Office Supplies and Reproduction Expenses	<b>\$988.29</b>
5.	Office Equipment (furniture, computers, etc.)	<b>\$5,055.69</b>

**Total Expenses**

**\$34,355.82**

**Grand Total**

**\$148,254.17**

**AECOM**  
**Staff Hours and Fee Proposal**

	<b>Principal</b>	<b>Sr. On-Site Project Manager</b>	<b>Real Property Specialist II</b>	<b>Real Property Specialist II</b>
<b>Project Team Hourly Rates</b>	<b>\$57.34</b>	<b>\$51.34</b>	<b>\$36.61</b>	<b>\$29.07</b>

**PHASE II**

**Task 1.0: Set up an available office space for lease**

		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
1.1	The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size and configuration to minimize the need for extensive improvements, at rates, terms and conditions that are comparable to current real estate market.	0	0	0	0	0	\$0.00
1.2	Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	0	0	0	0	0	\$0.00
1.3	Consultant shall direct the set-up of the Noise Mitigation Assistance Program field office upon notice by the Noise Mitigation Officer.	0	0	0	0	0	\$0.00
1.4	Establish toll-free telephone number for inquiries from the public.	0	0	0	0	0	\$0.00
1.5	Furnish field office with products that could be used in soundproofing homes	0	0	0	0	0	\$0.00
						<b>0</b>	<b>\$0.00</b>

**Task 2.0 Supplement existing FEIS and Part 150 databases with additional**

						Subtotal hrs	Cost
2.1	<b>Update data through a supplemental geographic informator</b> 2.1.1 Parcel numbers (by ownership, which is different than folio numbers); 2.1.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones; 2.1.3 Average unit cost information for various potential mitigation measures; 2.1.4 Average annual property taxes by jurisdiction/neighborhood; 2.1.5 Identification of homestead properties	0	0	0	0	0	\$0.00
						<b>0</b>	<b>\$0.00</b>

**Task 3.0: Attendance at Meetings**

						Subtotal hrs	Cost
3.1	Consultant will attend meetings and provide information for those meetings as outlined by the Noise Mitigation Officer for the Broward County Aviation Department	0	7	0	0	7	\$359.38
						<b>7</b>	<b>\$359.38</b>

**Task 4.0: Create Program Management and Procedure Plans**

					Subtotal hrs	Cost	
4.1	<b>Create Program Management and Procedure Plans</b> 4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and 4.1.2 Quality assurance/quality control procedures.	0	42	0	0	42	\$2,156.28
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	0	0	0	0	0	\$0.00
					<b>42</b>	<b>\$2,156.28</b>	

**Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to**

					Subtotal hrs	Cost	
5.1	<b>Create letter to send to owners of properties within initial noise</b>	0	0	0	0	0	\$0.00
5.2	<b>Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program</b>	0	0	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b>  Task A.2 - Conduct Windshield (Housing Inventory) Survey Task A.3 - Develop Parcel Map & Database of Eligible Properties Task A.4 - Create Most Impacted Acoustical Ranking Task A.5 - Implement a Residential Sound Insulation Program Management System Task A.8 - Select Residential Units Task A.9 - Prepare Early Action Program Schedule Task B.2 - Develop and Produce Homeowner Communication Materials / Program Documents Task B.3 - Design, Produce and Distribute (the 1st) Program Newsletter Task C.1 - Develop Acoustical Testing Plan Task C.2 - Develop Program Acoustical Criteria & Guidelines Task D.1 - Conduct Building Code Review / Meet with Building Officials Task D.3 - Prepare Report on Regulatory Environment Task D.4 - Develop a HazMat Materials Testing & Remediation Plan Task D.5 - Recommend Program Standards for Acoustical Treatments and Products Task E.1 - Conduct Code & Regulaory Reviews	0	2	0	0	2	\$102.68
					<b>2</b>	<b>\$102.68</b>	

**Task 6.0: Develop and implement a noise mitigation community outreach**

					Subtotal hrs	Cost	
6.1	<b>Create handbooks for public distribution re: sound insulation</b>	0	1	0	0	1	\$51.34
6.2	<b>Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.</b>	0	0	0	0	0	\$0.00
6.3	<b>Develop website content related to the overall noise mitigation for use at BCAD's review</b>	0	0	0	0	0	\$0.00
6.4	<b>Consultant to create, design, update, and maintain the noise mitigation program website.</b>	0	0	0	0	0	\$0.00
					<b>1</b>	<b>\$51.34</b>	

**AECOM**  
**Staff Hours and Fee Proposal**

**Exhibit F**

					Subtotal hrs	Cost
<b>1</b>	<b>Optional Services</b>					
	Assist with grant process	0	0	0	0	\$0.00
<b>2</b>	Finalize Noise Mitigation Plan	0	0	0	0	\$0.00
<b>3</b>	Sound Insulation Program Selection of Units	0	0	0	0	\$0.00
<b>4</b>	Mobile Home Park Determination of Willing Seller	0	0	0	0	\$0.00
<b>5</b>	Community Outreach Website	0	0	0	0	\$0.00
<b>6</b>	Conduct Housing Absorption Study	0	0	0	0	\$0.00
					0	<b>\$0.00</b>

Subtotal of Hours	0	52	0	0	52
Subtotal of Dollars	\$0.00	\$2,669.68	\$0.00	\$0.00	

Direct Labor **\$2,669.68**

<b>Total Hours</b>	0	52	0	0	52
<b>Total Direct Labor Cost</b>	\$0.00	\$2,669.68	\$0.00	\$0.00	<b>\$2,669.68</b>
<b>Overhead (172%)</b>	\$0.00	\$4,591.85	\$0.00	\$0.00	<b>\$4,591.85</b>
<b>Sub-Total</b>	\$0.00	\$7,261.53	\$0.00	\$0.00	<b>\$7,261.53</b>
<b>Fee (10%)</b>	\$0.00	\$726.15	\$0.00	\$0.00	<b>\$726.15</b>
<b>Total Fee</b>					<b>\$7,987.68</b>

**Direct Reimbursables**

Travel ( hotels / car rental / per diem / mileage/ parking/ vehicle lease)	\$1,000.00
Printing/ Publications/ Telephone	\$0.00
Postage/ Federal Express/ Courier	\$0.00
Field Office Rent	\$0.00
Field Office Fit-out / Furniture / Equipment	\$0.00
Field Office - Monthly Operating Costs	\$0.00

**Total Expenses** **\$1,000.00**

**Grand Total** **\$8,987.68**



**Jones Payne Group**  
**Staff Hours and Fee Proposal**

Project Team	Principal	Project Architect	Design Manager	Captain / Constructability	Database / GIS Manager	Construction Administrator	Administrative Assistant
Hourly Rates	\$49.23	\$49.88	\$26.28	\$26.28	\$42.09	\$30.90	\$27.26

**PHASE II**

**Task 1.0: Set up an available office space for lease**

		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
1.1	The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size and configuration to minimize the need for extensive improvements, at rates, terms and conditions that are comparable to current real estate market.	4	22	0	0	0	0	0	26	\$1,269.67
1.2	Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	0	0	0	0	0	0	0	0	\$0.00
1.3	Consultant shall direct the set-up of the Noise Mitigation Assistance Program field office upon notice by the Noise Mitigation Officer.	0	0	0	0	0	0	0	0	\$0.00
1.4	Establish toll-free telephone number for inquiries from the public.	0	0	0	0	0	0	0	0	\$0.00
1.5	Furnish field office with products that could be used in soundproofing homes.	6	7	54	0	0	0	0	67	\$2,039.05
									92	\$3,308.71

**Task 2.0 Supplement existing FEIS and Part 150 databases with additional**

									Subtotal hrs	Cost
2.1	Update data through a supplemental geographic information system (GIS) map to others as necessary, including but not limited to the following elements, by type of housing (i.e., single family, townhouse, apartment, manufactured housing, etc.): 2.1.1 Parcel numbers (by ownership, which is different than folio numbers); 2.1.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones; 2.1.3 Average unit cost information for various potential mitigation measures; 2.1.4 Average annual property taxes by jurisdiction/neighborhood; 2.1.5 Identification of homestead properties	5	0	0	0	41	0	0	46	\$1,971.84
									46	\$1,971.84

**Task 3.0: Attendance at Meetings**

									Subtotal hrs	Cost
3.1	Consultant will attend meetings and provide information for those meetings as outlined by the Noise Mitigation Officer for the Broward County Aviation Department	82	3	0	0	7	0	0	92	\$4,460.09
									92	\$4,460.09

**Task 4.0: Create Program Management and Procedure Plans**

								Subtotal hrs	Cost	
4.1	<b>Create Program Management and Procedure Plans</b>	24	0	0	0	0	0	28	52	\$1,944.80
	4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and									
	4.1.2 Quality assurance/quality control procedures.									
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	77	26	52	0	0	0	10	165	\$6,702.14
								217		\$8,646.94

**Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to 50**

								Subtotal hrs	Cost	
5.1	<b>Create letter to sent to owners of properties within initial noise contour to identify interest, including general notice of potential relocation eligibility.</b>	4	0	0	0	0	0	0	4	\$172.31
5.2	<b>Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program.</b>	0	0	0	0	0	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b>	0	0	0	0	0	0	0	0	\$0.00
	Task A.2 - Conduct Windshield (Housing Inventory) Survey									
	Task A.3 - Develop Parcel Map & Database of Eligible Properties									
	Task A.4 - Create Most Impacted Acoustical Ranking									
	Task A.5 - Implement a Residential Sound Insulation Program Management System									
	Task A.8 - Select Residential Units									
	Task A.9 - Prepare Early Action Program Schedule									
	Task B.2 - Develop and Produce Homeowner Communication Materials / Program Documents									
	Task B.3 - Design, Produce and Distribute (the 1st) Program Newsletter									
	Task C.1 - Develop Acoustical Testing Plan									
	Task C.2 - Develop Program Acoustical Criteria & Guidelines									
	Task D.1 - Conduct Building Code Review / Meet with Building Officials									
	Task D.3 - Prepare Report on Regulatory Environment									
	Task D.4 - Develop a HazMat Materials Testing & Remediation Plan									
	Task D.5 - Recommend Program Standards for Acoustical Treatments and Products									
	Task E.1 - Conduct Code & Regulaory Reviews									
								4		\$172.31

**Task 6.0: Develop and implement a noise mitigation community outreach**

								Subtotal hrs	Cost	
6.1	<b>Create handbooks for public distribution re: sound insulation processes.</b>	15	0	0	0	0	0	26	41	\$1,447.21
6.2	<b>Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.</b>	32	0	0	0	0	0	21	53	\$2,147.82
6.3	<b>Develop website content related to the overall noise mitigation for use at BCAD's review</b>	36	0	0	0	0	0	20	56	\$2,292.87
6.4	<b>Consultant to create, design, update, and maintain the noise mitigation program website.</b>	35	0	0	0	37	0	0	71	\$3,234.72
								221		\$9,122.62

**Jones Payne Group**  
**Staff Hours and Fee Proposal**

**Exhibit F**

								Subtotal hrs	Cost
<b>1</b>	<b>Optional Services</b>								
	Assist with grant process	0	0	0	0	0	0	0	\$0.00
<b>2</b>	Finalize Noise Mitigation Plan	0	0	0	0	0	0	0	\$0.00
<b>3</b>	Sound Insulation Program Selection of Units	7	0	0	0	25	0	32	\$1,396.86
<b>4</b>	Mobile Home Park Determination of Willing Seller	0	0	0	0	0	0	0	\$0.00
<b>5</b>	Community Outreach Website	5	0	0	0	65	0	136	\$6,689.36
<b>6</b>	Conduct Housing Absorption Study	0	0	0	0	0	0	0	\$0.00
								238	\$8,086.22

Subtotal of Hours	329	58	106	0	174	0	241	908	
Subtotal of Dollars	\$16,196.67	\$2,893.04	\$2,785.68	\$0.00	\$7,323.66	\$0.00	\$6,569.66		
								Direct Labor	\$35,768.71
<b>Total Hours</b>	<b>329</b>	<b>58</b>	<b>106</b>	<b>0</b>	<b>174</b>	<b>0</b>	<b>241</b>	<b>908</b>	
	<b>\$16,196.67</b>	<b>\$2,893.04</b>	<b>\$2,785.68</b>	<b>\$0.00</b>	<b>\$7,323.66</b>	<b>\$0.00</b>	<b>\$6,569.66</b>		<b>\$35,768.71</b>

<b>Overhead (172%)</b>	\$27,858.27	\$4,976.03	\$4,791.37	\$0.00	\$12,596.70	\$0.00	\$11,299.82		<b>\$61,522.18</b>
<b>Sub-Total</b>	<b>\$44,054.94</b>	<b>\$7,869.07</b>	<b>\$7,577.05</b>	<b>\$0.00</b>	<b>\$19,920.36</b>	<b>\$0.00</b>	<b>\$17,869.48</b>		<b>\$97,290.89</b>
<b>Fee (10%)</b>	<b>\$4,405.49</b>	<b>\$786.91</b>	<b>\$757.70</b>	<b>\$0.00</b>	<b>\$1,992.04</b>	<b>\$0.00</b>	<b>\$1,786.95</b>		<b>\$9,729.09</b>
<b>Total Fee</b>									<b>\$107,019.98</b>

Direct Reimbursables

Travel ( hotels / car rental / per diem / mileage )									\$7,000.00
Printing/Publications/Courier/Telephone									\$400.00
Field Office Rent, including utilities (for the first 2 months)									\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Cente)									\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)									\$0.00
Indoor Air Quality Testing & Reporting (50 Homes @\$225 per home)									\$0.00

**Total Expenses** **\$7,400.00**

**Grand Total** **\$114,419.98**

**HMMH  
Staff Hours and Fee Proposal**

Project Team	Principal Consultant II	Senior Consultant I	Consultant II	Project Support II
Hourly Rates	\$58.93	\$41.59	\$32.68	\$30.70

Staff Member

**PHASE II**

**Task 1.0: Set up an available office space for lease**

		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
1.1	The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size and configuration to minimize the need for extensive improvements, at rates, terms and conditions that are comparable to current real estate market.	4	0	0	0	4	\$235.72
1.2	Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	0	0	0	0	0	\$0.00
1.3	Consultant shall direct the set-up of the Noise Mitigation Assistance Program field office upon notice by the Noise	0	0	0	0	0	\$0.00
1.4	Establish toll-free telephone number for inquiries from the public.	0	0	0	0	0	\$0.00
1.5	Furnish field office with products that could be used in soundproofing homes.	0	0	0	0	0	\$0.00
						4	\$235.72

**Task 2.0 Supplement existing FEIS and Part 150 databases with additional information as deemed necessary for the Preferred Alternative Zones.**

						Subtotal hrs	Cost
2.1	Update data through a supplemental geographic information system (GIS) map to others as necessary, including but not limited to the following elements, by type of housing (i.e., single family, townhouse, apartment, manufactured housing, etc.):	0	0	0	0	0	\$0.00
	2.1.1 Parcel numbers (by ownership, which is different than folio numbers);						
	2.1.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones;						
	2.1.3 Average unit cost information for various potential mitigation measures;						
	2.1.4 Average annual property taxes by jurisdiction/neighborhood;						
	2.1.5 Identification of homestead properties						
						0	0.00

**Task 3.0: Attendance at Meetings**

					Subtotal hrs	Cost
3.1	Consultant will attend meetings and provide information for those meetings as outlined by the Noise Mitigation Officer for the Broward County Aviation Department	0	0	0	0	\$0.00
					0	\$0.00

**Task 4.0: Create Program Management and Procedure Plans**

					Subtotal hrs	Cost
4.1	<b>Create Program Management and Procedure Plans</b>	16	0	0	16	\$0.00
	4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and					\$942.88
	4.1.2 Quality assurance/quality control procedures.					\$0.00
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	7	0	0	7	\$383.05
					23	\$1,325.93

**Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to 50 Units.**

					Subtotal hrs	Cost
5.1	<b>Create letter to sent to owners of properties within initial noise contour to identify interest, including general notice of potential relocation eligibility.</b>	0	0	0	0	\$0.00
5.2	<b>Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program.</b>	0	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b>	27	5	0	32	\$1,778.27
	Task A.2 - Conduct Windshield (Housing Inventory) Survey					
	Task A.3 - Develop Parcel Map & Database of Eligible Properties					
	Task A.4 - Create Most Impacted Acoustical Ranking					
	Task A.5 - Implement a Residential Sound Insulation Program Management System					
	Task A.8 - Select Residential Units					
	Task A.9 - Prepare Early Action Program Schedule					
	Task B.2 - Develop and Produce Homeowner Communication Materials / Program					
	Task B.3 - Design, Produce and Distribute (the 1st) Program Newsletter					
	Task C.1 - Develop Acoustical Testing Plan					
	Task C.2 - Develop Program Acoustical Criteria & Guidelines					
	Task D.1 - Conduct Building Code Review / Meet with Building Officials					
	Task D.3 - Prepare Report on Regulatory Environment					
	Task D.4 - Develop a HazMat Materials Testing & Remediation Plan					
	Task D.5 - Recommend Program Standards for Acoustical Treatments and Products					
	Task E.1 - Conduct Code & Regulatory Reviews					
					32	\$1,778.27

Task 6.0: Develop and implement a noise mitigation community outreach plan					Subtotal hrs	Cost
6.1	Create handbooks for public distribution re: sound insulation processes.	0	0	0	0	\$0.00
6.2	Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.	0	0	0	0	\$0.00
6.3	Develop website content related to the overall noise mitigation for use at BCAD's review	0	0	0	0	\$0.00
6.4	Consultant to create, design, update, and maintain the noise mitigation program website.	0	0	0	0	\$0.00
					0	\$0.00

Exhibit F					Subtotal hrs	Cost
<b>Optional Services</b>						
1	Assist with grant process	0	0	0	0	\$0.00
2	Finalize Noise Mitigation Plan	0	0	0	0	\$0.00
3	Sound Insulation Program Selection of Units	0	0	0	0	\$0.00
4	Mobile Home Park Determination of Willing Seller	0	0	0	0	\$0.00
5	Community Outreach Website	0	0	0	0	\$0.00
6	Conduct Housing Absorption Study	0	0	0	0	\$0.00
					0	0.00

Subtotal of Hours	54	5	0	0	58	
Subtotal of Dollars	\$3,152.76	\$187.16	\$0.00	\$0.00		
						Direct Labor \$3,339.91

<i>Total Hours</i>	53.50	4.50	0	0	58	
<i>Total Direct Labor Cost</i>	\$3,152.76	\$187.16	\$0.00	\$0.00		\$3,339.91
	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<i>Sub-Total</i>	\$3,152.76	\$187.16	\$0.00	\$0.00		\$3,339.91
<i>Total Overhead &amp; Profit 1.99%</i>	\$6,273.98	\$372.44	\$0.00	\$0.00		\$6,646.42
<i>Total Fee</i>	\$9,426.74	\$559.59	\$0.00	\$0.00		\$9,986.33

Direct Reimbursable		
Travel ( hotels / car rental / per diem / mileage/ parking/ vehicle lease)		\$2,400.00
Printing/ Publications/ Telephone/		\$0.00
Postage/ Next Day Delivery/ Courier		\$0.00
Field Office Rent		\$0.00
Field Office Fit-out / Furniture / Equipment		\$0.00
Field Office - Monthly Operating Costs		\$0.00
<i>Total Expenses</i>		<b>\$2,400.00</b>

**Grand Total** **\$12,386.33**

**Keith Associates, Inc.  
Staff Hours and Fee Proposal**

	<b>Project Manager</b>	<b>Field Representative</b>	<b>Administrative Assistant</b>
<b>Project Team Hourly Rates</b>	\$43.27	\$32.59	\$19.23

**Phase II**

**Task 1.0: Set-up , at an available office space for lease**

	Hrs	Hrs	Hrs	Subtotal hrs	Cost
1.1 The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size to and configuration to minimize the need for extensive improvements, at	0	0	0	0	\$0.00
1.2 Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	0	0	0	0	\$0.00
1.3 Consultant shall direct the set up the Noise Mitigation Assistance Program field office upon notice by the Noise Mitigation Officer.	0	0	0	0	\$0.00
1.4 Establish toll-free telephone number for inquiries from the public.	0	0	0	0	\$0.00
1.5 Furnish field office with products that could be used in soundproofing homes.	0	0	0	0	\$0.00
				<b>0</b>	<b>\$0.00</b>

**Task 2.0 Supplement existing FEIS and Part 150 databases with additional information**

	Hrs	Hrs	Hrs	Subtotal hrs	Cost
2.1 Update data through a supplemental geographic information system (GIS) map to others as necessary, including but not limited to the following elements, by type of housing (i.e., single family, townhouse, apartment, manufactured housing, etc.):	0	0	0	0	\$0.00
2.1.1 Parcel numbers (by ownership, which is different than folio numbers);	0	0	0	0	\$0.00
2.2.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones;	0	0	0	0	\$0.00
2.2.3 Average unit cost information for various potential mitigation measures;	0	0	0	0	\$0.00
2.2.4 Average annual property taxes by jurisdiction/neighborhood;	0	0	0	0	\$0.00
2.2.5 Identification of homestead properties	0	0	0	0	\$0.00
				<b>0</b>	<b>\$0.00</b>

**Task 3.0: Attendance a Meetings**

	Hrs	Hrs	Hrs	Subtotal hrs	Cost
3.1 Consultant will attend meetings and provide information for those meetings a outlined by the Noise Mitigation Officer for the Broward County Aviation Department	0	0	0	0	\$0.00
				<b>0</b>	<b>\$0.00</b>

<b>Task 4.0: Create Program Management and Procedure Plans</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
4.1	<b>Develop Program Management Plan</b>	0	0	0	0	\$0.00
	4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and				0	\$0.00
	4.1.2 Quality assurance/quality control procedures.				0	\$0.00
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	0	0	0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>

<b>Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to 50 Units.</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
5.1	<b>Create letter to sent to owners of properties within initial noise contour to identify interest, including general notice of potential relocation eligibility.</b>	0	0	0	0	\$0.00
5.2	<b>Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program.</b>	0	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b> Task A.2 - Conduct Windshield (Housing Inventory) Survey Task A.3 - Develop Parcel Map & Database of Eligible Properties Task A.4 - Create Most Impacted Acoustical Ranking Task A.5 - Implement a Residential Sound Insulation Program Management System Task A.8 - Select Residential Units Task A.9 - Prepare Early Action Program Schedule Task B.2 - Develop and Produce Homeowner Communication Materials / Program Documents Task B.3 - Design, Produce and Distribute (the 1st) Program Newsletter Task C.1 - Develop Acoustical Testing Plan Task C.2 - Develop Program Acoustical Criteria & Guidelines Task D.1 - Conduct Building Code Review / Meet with Building Officials Task D.3 - Prepare Report on Regulatory Environment Task D.4 - Develop a HazMat Materials Testing & Remediation Plan Task D.5 - Recommend Program Standards for Acoustical Treatments and Products Task E.1 - Conduct Code & Regulaory Reviews	0	0	0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>

<b>Task 6.0: Develop and implement a noise mitigation community outreach plan</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
6.1	<b>Create handbooks for public distribution re: sound insulation processes.</b>	0	0	0	0	\$0.00
6.2	<b>Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.</b>	0	0	0	0	\$0.00
6.3	<b>Develop website content related to the overall noise mitigation for use at BCAD's review</b>	0	0	0	0	\$0.00
6.4	<b>Consultant to create, design, update, and maintain the noise mitigation program website.</b>	0	0	0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>



Exhibit F		Hrs	Hrs	Hrs	Subtotal hrs	Cost
	<b>Optional Services</b>					
1	Assist with grant process	0	0	0	0	\$0.00
2	Finalize Noise Mitigation Plan	0	0	0	0	\$0.00
3	Sound Insulation Program Selection of Units	0	0	0	0	\$0.00
4	Mobile Home Park Determination of Willing Seller	0	0	0	0	\$0.00
5	Community Outreach Website	0	0	0	0	\$0.00
6	Conduct Housing Absorption Study	0	0	0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>

Subtotal of Hours	0.00	0.00	0.00	0.00
Subtotal of Dollars	\$0.00	\$0.00	\$0.00	
				Direct Labor
				\$0.00

<b>Total Hours</b>	0.00	0.00	0.00	0.00
	\$0.00	\$0.00	\$0.00	<b>\$0.00</b>

**Overhead (140%)**      \$0.00      \$0.00      \$0.00      **\$0.00**

**Sub-Total**      \$0.00      \$0.00      \$0.00      **\$0.00**

**Fixed Fee (12%)**      \$0.00      \$0.00      \$0.00      **\$0.00**

**Total Fee**      **\$0.00**

**Direct Reimbursables**

Travel ( hotels / car rental / per diem / mileage )	\$0.00
Printing/Publications/Courier/Telephone	\$0.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Center)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (35-40 Homes @\$225 per home)	\$0.00

**Total Expenses**      **\$0.00**

**Grand Total**      **\$0.00**

**RCT  
Staff Hours and Fee Proposal**

<b>Project Team</b>	<b>Principal</b>	<b>Project Manager</b>	<b>Structural Engineer</b>	<b>Mechanical Engineer</b>	<b>Electrical Engineer</b>	<b>Administrative Support</b>
<b>Hourly Rates</b>	<b>\$61.00</b>	<b>\$51.90</b>	<b>\$41.00</b>	<b>\$33.19</b>	<b>\$31.31</b>	<b>\$19.00</b>

**PHASE II**

**Task 1.0: Set up an available office space for lease**

		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
1.1	The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size and configuration to minimize the need for extensive improvements, at rates, terms and conditions that are comparable to current real estate market.	0	0	0	0	0	0	0	\$0.00
1.2	Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	0	0	0	0	0	0	0	\$0.00
1.3	Consultant shall direct the set-up of the Noise Mitigation Assistance Program field office upon notice by the Noise Mitigation Officer.	0	0	0	0	0	0	0	\$0.00
1.4	Establish toll-free telephone number for inquiries from the public.	0	0	0	0	0	0	0	\$0.00
1.5	Furnish field office with products that could be used in soundproofing homes.	0	0	0	0	0	0	0	\$0.00
								<b>0</b>	<b>\$0.00</b>

**Task 2.0 Supplement existing FEIS and Part 150 databases with additional**

		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
2.1	Update data through a supplemental geographic information system (GIS) map to others as necessary, including but not limited to the following elements, by type of housing (i.e., single family, townhouse, apartment, manufactured housing, etc.):  2.1.1 Parcel numbers (by ownership, which is different than folio numbers); 2.1.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones; 2.1.3 Average unit cost information for various potential mitigation measures; 2.1.4 Average annual property taxes by jurisdiction/neighborhood; 2.1.5 Identification of homestead properties	0	0	0	0	0	0	0	\$0.00
								<b>0</b>	<b>\$0.00</b>

**Task 3.0: Attendance at Meetings**

		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
3.1	Consultant will attend meetings and provide information for those meetings as outlined by the Noise Mitigation Officer for the Broward County Aviation Department	0	0	0	0	0	0	0	\$0.00
								<b>0</b>	<b>\$0.00</b>

**Task 4.0: Create Program Management and Procedure Plans**

		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
4.1	<b>Create Program Management and Procedure Plans</b> 4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and 4.1.2 Quality assurance/quality control procedures.	0	0	0	0	0	0	0	\$0.00
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	17	0	0	10	6	25	58	\$2,022.26
								<b>58</b>	<b>\$2,022.26</b>

**RCT  
Staff Hours and Fee Proposal**

Exhibit 2  
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**Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to 50**

								Subtotal hrs	Cost
5.1	Create letter to sent to owners of properties within initial noise contour to identify interest, including general notice of potential relocation eligibility.	0	0	0	0	0	0	0	\$0.00
5.2	Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program.	0	0	0	0	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b>	8	0	0	12	6	12	38	\$1,302.14
	Task A.2 - Conduct Windshield (Housing Inventory) Survey								
	Task A.3 - Develop Parcel Map & Database of Eligible Properties								
	Task A.4 - Create Most Impacted Acoustical Ranking								
	Task A.5 - Implement a Residential Sound Insulation Program Management System								
	Task A.8 - Select Residential Units								
	Task A.9 - Prepare Early Action Program Schedule								
	Task B.2 - Develop and Produce Homeowner Communication Materials / Program Documents								
	Task B.3 - Design, Produce and Distribute (the 1st) Program Newsletter								
	Task C.1 - Develop Acoustical Testing Plan								
	Task C.2 - Develop Program Acoustical Criteria & Guidelines								
	Task D.1 - Conduct Building Code Review / Meet with Building Officials								
	Task D.3 - Prepare Report on Regulatory Environment								
	Task D.4 - Develop a HazMat Materials Testing & Remediation Plan								
	Task D.5 - Recommend Program Standards for Acoustical Treatments and Products								
	Task E.1 - Conduct Code & Regulaory Reviews								
								<b>38</b>	<b>\$1,302.14</b>

**Task 6.0: Develop and implement a noise mitigation community outreach**

								Subtotal hrs	Cost
6.1	Create handbooks for public distribution re: sound insulation processes.	0	0	0	0	0	0	0	\$0.00
6.2	Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.	0	0	0	0	0	0	0	\$0.00
6.3	Develop website content related to the overall noise mitigation for use at BCAD's review	0	0	0	0	0	0	0	\$0.00
6.4	Consultant to create, design, update, and maintain the noise mitigation program website.	0	0	0	0	0	0	0	\$0.00
								<b>0</b>	<b>\$0.00</b>

**RCT**  
**Staff Hours and Fee Proposal**

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Exhibit F	Optional Services							Subtotal hrs	Cost
1	Assist with grant process	0	0	0	0	0	0	0	\$0.00
2	Finalize Noise Mitigation Plan	0	0	0	0	0	0	0	\$0.00
3	Sound Insulation Program Selection of Units	0	0	0	0	0	0	0	\$0.00
4	Mobile Home Park Determination of Willing Seller	0	0	0	0	0	0	0	\$0.00
5	Community Outreach Website	0	0	0	0	0	0	0	\$0.00
6	Conduct Housing Absorption Study	0	0	0	0	0	0	0	\$0.00
								<b>0</b>	<b>\$0.00</b>

Subtotal of Hours	25	0	0	22	12	37	96	
Subtotal of Dollars	\$1,525.00	\$0.00	\$0.00	\$730.18	\$375.72	\$693.50		
							Direct Labor	<b>\$3,324.40</b>
<b>Total Hours</b>	<b>25.00</b>	<b>0.00</b>	<b>0.00</b>	<b>22</b>	<b>12</b>	<b>37</b>	<b>96</b>	
	<b>\$1,525.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$730.18</b>	<b>\$375.72</b>	<b>\$693.50</b>	<b>\$3,324.40</b>	

<b>Overhead (172%)</b>	<b>\$2,623.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,255.91</b>	<b>\$646.24</b>	<b>\$1,192.82</b>	<b>\$5,717.97</b>
<b>Sub-Total</b>	<b>\$4,148.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,986.09</b>	<b>\$1,021.96</b>	<b>\$1,886.32</b>	<b>\$9,042.37</b>
<b>Fixed Fee (10%)</b>	<b>\$414.80</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$198.61</b>	<b>\$102.20</b>	<b>\$188.63</b>	<b>\$904.24</b>
<b>Total Fee</b>							<b>\$9,946.60</b>

**Direct Reimbursables**

Travel ( hotels / car rental / per diem / mileage )	\$1,600.00
Printing/Publications/Courier/Telephone	\$200.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Center)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (35-40 Homes @\$225 per home)	\$0.00

<b>Total Expenses</b>	<b>\$1,800.00</b>
<b>Grand Total</b>	<b>\$11,746.60</b>

**Airquest Environmental, Inc.  
Staff Hours and Fee Proposal**

<b>Project Team</b>	<b>Project Manager</b>	<b>Field Technician</b>	<b>Administration</b>
<b>Hourly Rates</b>	\$39.15	\$28.25	\$15.80

**PHASE II**

**Task 1.0: Set up an available office space for lease**

		Hrs	Hrs	Hrs	Subtotal hrs	Cost
1.1	The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size and configuration to minimize the need for extensive improvements, at rates, terms and conditions that are comparable to current real estate market.	0	0	0	0	\$0.00
1.2	Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	0	0	0	0	\$0.00
1.3	Consultant shall direct the set-up of the Noise Mitigation Assistance Program field office upon notice by the Noise Mitigation Officer.	0	0	0	0	\$0.00
1.4	Establish toll-free telephone number for inquiries from the public.	0	0	0	0	\$0.00
1.5	Furnish field office with products that could be used in soundproofing homes.	0	0	0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>

**Task 2.0 Supplement existing FEIS and Part 150 databases with additional**

					Subtotal hrs	Cost
2.1	Update data through a supplemental geographic information system (GIS) map to others as necessary, including but not limited to the following elements, by type of housing (i.e., single family, townhouse, apartment, manufactured housing, etc.): 2.1.1 Parcel numbers (by ownership, which is different than folio numbers); 2.1.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones; 2.1.3 Average unit cost information for various potential mitigation measures; 2.1.4 Average annual property taxes by jurisdiction/neighborhood; 2.1.5 Identification of homestead properties	0	0	0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>

**Task 3.0: Attendance at Meetings**

				Subtotal hrs	Cost
3.1	Consultant will attend meetings and provide information for those meetings as outlined by the Noise Mitigation Officer for the Broward County Aviation Department	0	0	0	\$0.00
				<b>0</b>	<b>\$0.00</b>

**Task 4.0: Create Program Management and Procedure Plans**

				Subtotal hrs	Cost
4.1	<b>Create Program Management and Procedure Plans</b> 4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and 4.1.2 Quality assurance/quality control procedures.	0	0	0	\$0.00
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	0	0	0	\$0.00
				<b>0</b>	<b>\$0.00</b>

**Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to 50**

				Subtotal hrs	Cost
5.1	<b>Create letter to sent to owners of properties within initial noise contour to identify interest, including general notice of potential relocation eligibility.</b>	24	0	0	\$939.60
5.2	<b>Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program.</b>	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b>	0	0	0	\$0.00
	Task A.2 - Conduct Windshield (Housing Inventory) Survey				
	Task A.3 - Develop Parcel Map & Database of Eligible Properties				
	Task A.4 - Create Most Impacted Acoustical Ranking				
	Task A.5 - Implement a Residential Sound Insulation Program Management System				
	Task A.8 - Select Residential Units				
	Task A.9 - Prepare Early Action Program Schedule				
	Task B.2 - Develop and Produce Homeowner Communication Materials / Program Documents				
	Task B.3 - Design, Produce and Distribute (the 1st) Program Newsletter				
	Task C.1 - Develop Acoustical Testing Plan				
	Task C.2 - Develop Program Acoustical Criteria & Guidelines				
	Task D.1 - Conduct Building Code Review / Meet with Building Officials				
	Task D.3 - Prepare Report on Regulatory Environment				
	Task D.4 - Develop a HazMat Materials Testing & Remediation Plan				
	Task D.5 - Recommend Program Standards for Acoustical Treatments and Products				
	Task E.1 - Conduct Code & Regulaory Reviews				
				<b>24</b>	<b>\$939.60</b>

**Airquest Environmental, Inc.  
Staff Hours and Fee Proposal**

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<b>Task 6.0: Develop and implement a noise mitigation community outreach</b>				Subtotal hrs	Cost
6.1	Create handbooks for public distribution re: sound insulation processes.	0	0	0	\$0.00
6.2	Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.	0	0	0	\$0.00
6.3	Develop website content related to the overall noise mitigation for use at BCAD's review	0	0	0	\$0.00
6.4	Consultant to create, design, update, and maintain the noise mitigation program website.	0	0	0	\$0.00
				<b>0</b>	<b>\$0.00</b>

<b>Exhibit F</b>				Subtotal hrs	Cost
<b>Optional Services</b>					
1	Assist with grant process	0	0	0	\$0.00
2	Finalize Noise Mitigation Plan	0	0	0	\$0.00
3	Sound Insulation Program Selection of Units	0	0	0	\$0.00
4	Mobile Home Park Determination of Willing Seller	0	0	0	\$0.00
5	Community Outreach Website	0	0	0	\$0.00
6	Conduct Housing Absorption Study	0	0	0	\$0.00
				<b>0</b>	<b>\$0.00</b>

Subtotal of Hours	24	0	0	24	
Subtotal of Dollars	\$939.60	\$0.00	\$0.00		Direct Labor <b>\$939.60</b>

<b>Total Hours</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>24</b>	
	<b>\$939.60</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$939.60</b>

<b>Overhead (134.57%)</b>	<b>\$1,264.42</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$1,264.42</b>
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<b>Sub-Total</b>	<b>\$2,204.02</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$2,204.02</b>
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<b>Fixed Fee (12%)</b>	<b>\$264.48</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$264.48</b>
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<b>Total Fee</b>				<b>\$2,468.50</b>
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**Direct Reimbursables**

Travel ( hotels / car rental / per diem / mileage )	\$0.00
Printing/Publications/Courier/Telephone	\$0.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Cente)	\$0.00
Lead Based Paint Equipment Rental	\$0.00
Laboratory Analysis (20 samples per house)	\$0.00

<b>Total Expenses</b>	<b>\$0.00</b>
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<b>Grand Total</b>	<b>\$2,468.50</b>
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**Dickey Consulting Services, Inc.  
Staff Hours and Fee Proposal**

<b>Project Team</b>	<b>Project Director</b>	<b>Project Coordinator</b>	<b>Administrative / Coordinator</b>
<b>Hourly Rates</b>	<b>\$58.88</b>	<b>\$33.08</b>	<b>\$23.50</b>

**PHASE II**

<b>Task 1.0: Set up an available office space for lease</b>		Hrs		Hrs	Subtotal hrs	Cost
1.1	The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size and configuration to minimize the need for extensive improvements, at rates, terms and conditions that are comparable to current real estate market.	0		0	0	\$0.00
1.2	Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	0		0	0	\$0.00
1.3	Consultant shall direct the set-up of the Noise Mitigation Assistance Program field office upon notice by the Noise Mitigation Officer.	0		0	0	\$0.00
1.4	Establish toll-free telephone number for inquiries from the public.	0		0	0	\$0.00
1.5	Furnish field office with products that could be used in soundproofing homes.	0		0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>

<b>Task 2.0 Supplement existing FEIS and Part 150 databases with additional</b>						Cost	
2.1	Update data through a supplemental geographic information system (GIS) map to others as necessary, including but not limited to the following elements, by type of housing (i.e., single family, townhouse, apartment, manufactured housing, etc.):  2.1.1 Parcel numbers (by ownership, which is different than folio numbers); 2.1.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones; 2.1.3 Average unit cost information for various potential mitigation measures; 2.1.4 Average annual property taxes by jurisdiction/neighborhood; 2.1.5 Identification of homestead properties	0		0		0	\$0.00
					<b>0</b>	<b>\$0.00</b>	

<b>Task 3.0: Attendance at Meetings</b>						Cost	
3.1	Consultant will attend meetings and provide information for those meetings as outlined by the Noise Mitigation Officer for the Broward County Aviation Department	0		0		0	\$0.00
					<b>0</b>	<b>\$0.00</b>	



**Dickey Consulting Services, Inc.  
Staff Hours and Fee Proposal**

<b>Task 4.0: Create Program Management and Procedure Plans</b>						Cost
4.1	<b>Create Program Management and Procedure Plans</b> 4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and 4.1.2 Quality assurance/quality control procedures.	0	0	0	0	\$0.00
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	0	0	0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>

<b>Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to</b>						Cost
5.1	<b>Create letter to sent to owners of properties within initial noise contour to identify interest, including general notice of potential relocation eligibility.</b>	0	0	0	0	\$0.00
5.2	<b>Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program.</b>	0	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b>	29	0	40	69	\$2,635.77
	Task A.2 - Conduct Windshield (Housing Inventory) Survey					
	Task A.3 - Develop Parcel Map & Database of Eligible Properties					
	Task A.4 - Create Most Impacted Acoustical Ranking					
	Task A.5 - Implement a Residential Sound Insulation Program Management System					
	Task A.8 - Select Residential Units					
	Task A.9 - Prepare Early Action Program Schedule					
	Task B.2 - Develop and Produce Homeowner Communication Materials / Program Documents					
	Task B.3 - Design, Produce and Distribute (the 1st) Program Newsletter					
	Task C.1 - Develop Acoustical Testing Plan					
	Task C.2 - Develop Program Acoustical Criteria & Guidelines					
	Task D.1 - Conduct Building Code Review / Meet with Building Officials					
	Task D.3 - Prepare Report on Regulatory Environment					
	Task D.4 - Develop a HazMat Materials Testing & Remediation Plan					
	Task D.5 - Recommend Program Standards for Acoustical Treatments and Products					
	Task E.1 - Conduct Code & Regulaory Reviews					
					<b>69</b>	<b>\$2,635.77</b>

<b>Task 6.0: Develop and implement a noise mitigation community outreach</b>						Cost
6.1	<b>Create handbooks for public distribution re: sound insulation processes.</b>	40.00	0.00	30.25	70.25	\$3,066.08
6.2	<b>Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.</b>	40.00	0.00	35.00	75.00	\$3,177.70
6.3	<b>Develop website content related to the overall noise mitigation for use at BCAD's review</b>	11.00	20.00	10.00	41.00	\$1,544.28
6.4	<b>Consultant to create, design, update, and maintain the noise mitigation program website.</b>	60.00	42.00	7.25	109.25	\$5,092.54
					<b>295.50</b>	<b>\$12,880.59</b>

Dickey Consulting Services, Inc.  
Staff Hours and Fee Proposal

Exhibit F						Cost
	<b>Optional Services</b>					
1	Assist with grant process	0	0	0	0	\$0.00
2	Finalize Noise Mitigation Plan	0	0	0	0	\$0.00
3	Sound Insulation Program Selection of Units	0	0	0	0	\$0.00
4	Mobile Home Park Determination of Willing Seller	0	0	0	0	\$0.00
5	Community Outreach Website	0	0	0	0	\$0.00
6	Conduct Housing Absorption Study	0	0	0	0	\$0.00
					<b>0</b>	<b>\$0.00</b>

Subtotal of Hours	180	62	122	364	
Subtotal of Dollars	\$10,598.40	\$2,050.96	\$2,867.00		
					Direct Labor
					\$15,516.36

<b>Total Hours</b>	<b>180</b>	<b>62</b>	<b>122</b>	<b>364</b>	
	<b>\$10,598.40</b>	<b>\$2,050.96</b>	<b>\$2,867.00</b>		<b>\$15,516.36</b>

**Overhead (143%)**    \$15,155.71    \$2,932.87    \$4,099.81    **\$22,188.39**

**Sub-Total**    \$25,754.11    \$4,983.83    \$6,966.81    **\$37,704.75**

**Fixed Fee (12%)**    \$3,090.49    \$598.06    \$836.02    **\$4,524.57**

**Total Fee**    **\$42,229.33**

**Direct Reimbursables**

Travel ( hotels / car rental / per diem / mileage )	\$200.00
Printing/Publications/Courier/Telephone	\$1,200.00
Field Office Rent, including utilities ( for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment ( including Product Display Cente)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities ( for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (35-40 Homes @\$225 per home)	\$0.00

**Total Expenses**    **\$1,400.00**

**Grand Total**    **\$43,629.33**

**Adrian Gonzalez Associates, PA  
Staff Hours and Fee Proposal**

	<b>Appraiser or Record / Principal</b>	<b>Associate Appraiser</b>	<b>Research Associate</b>	<b>Cost Estimator</b>
<b>Project Team Hourly Rates</b>	<b>\$154.50</b>	<b>\$118.45</b>	<b>\$87.55</b>	<b>\$128.75</b>

**PHASE II**

**Task 1.0: Set up an available office space for lease**

		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
1.1	The Consultant shall find a suitable office building and negotiate a lease for an available office space adequate to meet the space program needs established for the Noise Mitigation Program field office. The office shall be of sufficient size and configuration to minimize the need for extensive improvements, at rates, terms and conditions that are comparable to current real estate market.	0	0	0	0	0	\$0.00
1.2	Consultant shall prepare a probable cost estimate to set-up the field office for approval by Broward County Aviation Department.	0	0	0	0	0	\$0.00
1.3	Consultant shall direct the set-up of the Noise Mitigation Assistance Program field office upon notice by the Noise Mitigation Officer.	0	0	0	0	0	\$0.00
1.4	Establish toll-free telephone number for inquiries from the public.	0	0	0	0	0	\$0.00
1.5	Furnish field office with products that could be used in soundproofing homes.	0	0	0	0	0	\$0.00
						<b>0</b>	<b>\$0.00</b>

**Task 2.0 Supplement existing FEIS and Part 150 databases with additional**

		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
2.1	Update data through a supplemental geographic information system (GIS) map to others as necessary, including but not limited to the following elements, by type of housing (i.e., single family, townhouse, apartment, manufactured housing, etc.): 2.1.1 Parcel numbers (by ownership, which is different than folio numbers); 2.1.2 Estimates of average selling prices for properties and neighborhoods in the Preferred Alternative zones; 2.1.3 Average unit cost information for various potential mitigation measures; 2.1.4 Average annual property taxes by jurisdiction/neighborhood; 2.1.5 Identification of homestead properties	0	0	0	0	0	\$0.00
						<b>0</b>	<b>\$0.00</b>

**Task 3.0: Attendance at Meetings**

		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
3.1	Consultant will attend meetings and provide information for those meetings as outlined by the Noise Mitigation Officer for the Broward County Aviation Department	0	0	0	0	0	\$0.00
						<b>0</b>	<b>\$0.00</b>

**Adrian Gonzalez Associates, PA  
Staff Hours and Fee Proposal**

<b>Task 4.0: Create Program Management and Procedure Plans</b>		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
4.1	<b>Create Program Management and Procedure Plans</b> 4.1.1 Administrative procedures, including those for safety, document control, invoicing, communication protocol, budget/schedule, procurement approvals; and 4.1.2 Quality assurance/quality control procedures.	0	0	0	0	0	\$0.00
4.2	<b>Develop soundproofing procedures in accordance with FAA guidelines.</b>	0	0	0	0	0	\$0.00
						<b>0</b>	<b>\$0.00</b>

<b>Task 5.0: BCAD Voluntary Residential Sound Insulation Program for up to</b>		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
5.1	<b>Create letter to sent to owners of properties within initial noise contour to identify interest, including general notice of potential relocation eligibility.</b>	0	0	0	0	0	\$0.00
5.2	<b>Identify and contract owners of properties within initial noise contour to ascertain interest in participating in program.</b>	0	0	0	0	0	\$0.00
5.3	<b>Perform Startup Activities associated with the sound insulation early action project</b>	0	0	0	0	0	\$0.00
	Task A.2 - Conduct Windshield (Housing Inventory) Survey						
	Task A.3 - Develop Parcel Map & Database of Eligible Properties						
	Task A.4 - Create Most Impacted Acoustical Ranking						
	Task A.5 - Implement a Residential Sound Insulation Program Management System						
	Task A.8 - Select Residential Units						
	Task A.9 - Prepare Early Action Program Schedule						
	Task B.2 - Develop and Produce Homeowner Communication Materials / Program Documents						
	Task B.3 - Design, Produce and Distribute (the 1st) Program Newsletter						
	Task C.1 - Develop Acoustical Testing Plan						
	Task C.2 - Develop Program Acoustical Criteria & Guidelines						
	Task D.1 - Conduct Building Code Review / Meet with Building Officials						
	Task D.3 - Prepare Report on Regulatory Environment						
	Task D.4 - Develop a HazMat Materials Testing & Remediation Plan						
	Task D.5 - Recommend Program Standards for Acoustical Treatments and Products						
	Task E.1 - Conduct Code & Regulaory Reviews						
						<b>0</b>	<b>\$0.00</b>

**Adrian Gonzalez Associates, PA  
Staff Hours and Fee Proposal**

Exhibit 2  
53 of 93

<b>Task 6.0: Develop and implement a noise mitigation community outreach</b>		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
6.1	Create handbooks for public distribution re: sound insulation processes.	0	0	0	0	0	\$0.00
6.2	Create a PowerPoint presentation that describes the overall noise mitigation program for use at BCAD Staff, public and / community meetings.	0	0	0	0	0	\$0.00
6.3	Develop website content related to the overall noise mitigation for use at BCAD's review	0	0	0	0	0	\$0.00
6.4	Consultant to create, design, update, and maintain the noise mitigation program website.	0	0	0	0	0	\$0.00
						<b>0</b>	<b>\$0.00</b>

<b>Exhibit F</b>		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Optional Services</b>							
1	Assist with grant process	0	0	0	0	0	\$0.00
2	Finalize Noise Mitigation Plan	0	0	0	0	0	\$0.00
3	Sound Insulation Program Selection of Units	0	0	0	0	0	\$0.00
4	Mobile Home Park Determination of Willing Seller	0	0	0	0	0	\$0.00
5	Community Outreach Website	0	0	0	0	0	\$0.00
6	Conduct Housing Absorption Study	62	0	0	0	62	\$9,579.00
						<b>62</b>	<b>\$9,579.00</b>

Subtotal of Hours	62	0	0	0	62	
Subtotal of Dollars	\$9,579.00	\$0.00	\$0.00	\$0.00		
						<b>Direct Labor</b>
						<b>\$9,579.00</b>
<b>Total Hours</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>62</b>	
	<b>\$9,579.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$9,579.00</b>
<b>Overhead</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>
<b>Sub-Total</b>	<b>\$9,579.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$9,579.00</b>
<b>Fixed Fee</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>
<b>Total Fee</b>						<b>\$9,579.00</b>

**Direct Reimbursables**

Travel ( hotels / car rental / per diem / mileage )	\$0.00
Printing/Publications/Courier/Telephone	\$0.00
Field Office Rent, including utilities ( for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment ( including Product Display Cente)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities ( for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (35-40 Homes @\$225 per home)	\$0.00

**Total Expenses** **\$0.00**

**Grand Total** **\$9,579.00**

Task No.	Task Name	TUG	AECom	Jones Payne Group	Harris Miller Miller & Hanson Inc.	Keith & Associates	RCT Engineering, Inc.	AirQuest Environmental	Dickey Consulting	Adrian Gonzalez	Task Totals
<b>Task A</b>	<b>Program Management</b>										
	Task Total	\$ 420,549.10	\$ 28,583.74	\$ 122,935.16	\$ 6,830.31	\$ 0.00	\$ 17,637.24	\$ 2,911.51	\$ 5,286.23	\$ 0.00	\$ 604,733.30
	Hours	3197	210	964	40	0	147	30	42	0	4628
<b>Task B</b>	<b>Community Outreach</b>										
	Task Total	\$ 118,869.73	\$ 175,781.41	\$ 15,062.28	\$ 0.00	\$ 26,906.62	\$ 0.00	\$ 0.00	\$ 16,987.70	\$ 10,906.59	\$ 364,514.33
	Hours	901	2021	129	0	530	0	0	219	211	4011
<b>Task C</b>	<b>Acoustical Program Guidelines</b>										
	Task Total	\$ 9,309.25	\$ 0.00	\$ 0.00	\$ 22,302.34	\$ 2,030.69	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 33,642.27
	Hours	90	0	0	115	40	0	0	0	0	244
<b>Task D</b>	<b>Architectural Services</b>										
	Task Total	\$ 22,361.15	\$ 0.00	\$ 114,341.21	\$ 0.00	\$ 0.00	\$ 0.00	\$ 13,251.75	\$ 0.00	\$ 0.00	\$ 149,954.11
	Hours	171	0	1389	0	0	0	162	0	0	1722
<b>Task E</b>	<b>Engineering Services</b>										
	Task Total	\$ 4,190.67	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 114,294.74	\$ 17,877.07	\$ 0.00	\$ 0.00	\$ 136,362.48
	Hours	32	0	0	0	0	1066	311	0	0	1409
<b>Task F</b>	<b>Construction Administration</b>										
	Task Total	\$ 94,093.74	\$ 0.00	\$ 82,850.87	\$ 0.00	\$ 79,140.07	\$ 49,956.35	\$ 0.00	\$ 0.00	\$ 0.00	\$ 306,041.03
	Hours	714	0	890	0	910	496	0	0	0	3010
<b>Grand Task Total</b>		<b>\$669,373.64</b>	<b>\$204,365.15</b>	<b>\$335,189.53</b>	<b>\$29,132.65</b>	<b>\$108,077.38</b>	<b>\$181,888.33</b>	<b>\$34,040.32</b>	<b>\$22,273.94</b>	<b>\$10,906.59</b>	<b>\$1,595,247.52</b>
<b>Grand Total Hours</b>		<b>5104</b>	<b>2231</b>	<b>3371</b>	<b>154</b>	<b>1480</b>	<b>1709</b>	<b>503</b>	<b>261</b>	<b>211</b>	<b>15023</b>

Notes:

Project Team	Principal	Project Manager	Real Property Specialist III	Real property Specialist II	Admin Assistant
Hourly Rates	\$69.53	\$46.35	\$30.93	\$25.25	\$20.30

**PHASE II**  
**Attachment 1 - Early Action RSIP**

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Task A - Program Management</b>								
Task A.1	Participate in Program Kick-off Meetings	2	2	0	0	0	4	\$231.76
Task A.2	Conduct Windshield (Housing Inventory) Survey	17	0	0	42	0	59	\$2,207.75
Task A.3	Develop Parcel Map & Database of Eligible Properties	0	0	0	0	0	0	0
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	0	0	0	\$0.00
Task A.5	Implement a Residential Sound Insulation Program Management System	0	0	0	0	0	0	\$0.00
Task A.6	Maintain & Update Database	0	0	0	0	0	0	\$0.00
Task A.7	Design, Manage and Update a Program Website	0	0	0	0	0	0	\$0.00
Task A.8	Select Residential Units	0	0	0	0	0	0	\$0.00
Task A.9	Prepare Early Action Program Schedule	1	2	0	0	0	3	\$162.23
Task A.10	Support Avigation Easement Program	14	0	0	0	0	14	\$938.66
Task A.11	Prepare & Update Monthly Progress Reports	8	76	0	0	29	112	\$4,622.63
Task A.12	Participate in Monthly Project Meetings with County / Airport	12	50	0	4	6	72	\$3,339.90
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	36	1086	0	0	0	1122	\$52,850.77
Task A.14	Intra-Team Coordination & Meetings	124	1499	0	96	15	1733	\$80,782.92
Task A.15	Modifications to the Procedures Manual	0	40	0	0	0	40	\$1,854.00
Task A.16	Prepare FAA Compliance / Program Reporting	0	40	0	0	0	40	\$1,854.00
Subtotal of Hours		212	2795	0	142	49	3197	
Subtotal of Dollars		\$14,740.36	\$129,536.66	\$0.00	\$3,572.88	\$994.70		\$148,844.60

**Task B - Community Outreach**

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task B.1	Provide an Onsite Homeowner Coordinator	0	656	0	0	3	659	\$30,443.33
Task B.2	Develop and Produce Homeowner Communication Materials / Program Documents	14	204	0	0	0	218	\$10,423.03
Task B.3	Design, Produce and Distribute Program Newsletters	0	0	0	0	0	0	\$0.00
Task B.4	Conduct Neighborhood Workshops	3	10	0	0	0	13	\$648.92
Task B.5	Conduct Homeowner Meetings	0	0	0	0	0	0	\$0.00
Task B.6	Conduct Soundproofing Surveys	0	12	0	0	0	12	\$556.20
Subtotal of Hours		17	881	0	0	3	901	
Subtotal of Dollars		1199	40811	0	0	61		\$42,071.47

<b>Task C - Acoustical Program Guidelines</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task C.1	<b>Develop Acoustical Testing Plan</b>	0.00	0.00	0.00	0.00	0.00	0.00	\$0.00
Task C.2	<b>Develop Program Acoustical Criteria &amp; Guidelines</b>	0	0	0	0	0	0	\$0.00
Task C.3	<b>Conduct Pre-Construction Acoustical Testing</b>	1	48	0	41	0	90	\$3,294.82
Task C.4	<b>Review Acoustical Treatment Concepts</b>	0	0	0	0	0	0	\$0.00
Task C.5	<b>Conduct Post-Construction Testing</b>	0	0	0	0	0	0	\$0.00
Subtotal of Hours		1	48	0	41	0	90	
Subtotal of Dollars		\$34.77	\$2,224.80	\$0.00	\$1,035.25	\$0.00		\$3,294.82

<b>Task D - Architectural Services</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task D.1	<b>Conduct Building Code Review / Meet with Building Officials</b>	1	0	0	0	0	1	\$34.77
Task D.2	<b>Historical Coordination &amp; Review</b>	0	0	0	0	0	0	\$0.00
Task D.3	<b>Prepare Report on Regulatory Environment</b>	0	0	0	0	0	0	\$0.00
Task D.4	<b>Develop a HazMat Materials Testing &amp; Remediation Plan</b>	0	0	0	0	0	0	\$0.00
Task D.5	<b>Recommend Program Standards for Acoustical Treatments and Products</b>	0	2	0	0	0	2	\$69.53
Task D.6	<b>Conduct Site Assessment Visits</b>	0	94	0	0	0	94	\$4,333.73
Task D.7	<b>Prepare Existing Conditions Report</b>	0	0	0	0	0	0	\$0.00
Task D.8	<b>Prepare Design Concept Packets</b>	0	0	0	0	0	0	\$0.00
Task D.9	<b>Review Design Concept Packets with Homeowners</b>	0	0	0	0	0	0	\$0.00
Task D.10	<b>Finalize Design Concepts per Homeowner Review</b>	0	0	0	0	0	0	\$0.00
Task D.11	<b>Assist Broward County with Homeowner Agreements &amp; Avigation Easements</b>	0	0	0	0	0	0	\$0.00
Task D.12	<b>Prepare Draft Construction Contract Documents (90% Submittals)</b>	0	27	0	0	0	27	\$1,251.45
Task D.13	<b>Review Broward County's Standard Bid Documents</b>	0	24	0	0	0	24	\$1,112.40
Task D.14	<b>Prepare 100% Construction Contract Documents</b>	0	24	0	0	0	24	\$1,112.40
Task D.15	<b>Estimate of Probable Costs</b>	0	0	0	0	0	0	\$0.00
Subtotal of Hours		1	170	0	0	0	171	
Subtotal of Dollars		\$34.77	\$7,879.50	\$0.00	\$0.00	\$0.00		\$7,914.27

<b>Task E - Engineering Services</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task E.1	<b>Conduct Code &amp; Regulatory Reviews</b>	0	0	0	0	0	0	\$0.00
Task E.2	<b>Conduct Engineering Assessment Visits</b>	0	0	0	0	0	0	\$0.00
Task E.3	<b>Prepare Engineering Reports</b>	0	0	0	0	0	0	\$0.00
Task E.4	<b>Prepare Engineering Concepts</b>	0	0	0	0	0	0	\$0.00



Task E.5	<b>Prepare Engineering Documents for (90%) Construction Contract Documents</b>	0	16	0	0	0	16	\$741.60
Task E.6	<b>Prepare 100% Construction Contract Documents</b>	0	16	0	0	0	16	\$741.60
	Subtotal of Hours	0	32	0	0	0	32	
	Subtotal of Dollars	\$0.00	\$1,483.20	\$0.00	\$0.00	\$0.00		\$1,483.20

<b>Task F - Construction Administration</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task F.1	<b>Assist Broward County with Bid Advertisement / Schedule</b>	9	35	0	0	0	44	\$2,224.85
Task F.2	<b>Assist Broward County with Pre-bid Conference</b>	0	33	0	0	0	33	\$1,506.38
Task F.3	<b>Respond to Clarifications &amp; Prepare Addenda</b>	0	16	0	0	0	16	\$741.60
Task F.4	<b>Assist Broward County with Technical Review of Contractor Bids</b>	0	16	0	0	0	16	\$741.60
Task F.5	<b>Recommend Award</b>	0	6	0	0	0	6	\$278.10
Task F.6	<b>Conduct Pre-Construction Conference and Walk-Through</b>	0	24	0	0	0	24	\$1,112.40
Task F.7	<b>Review Contractor Submittals &amp; Work Schedules</b>	0	24	0	0	0	24	\$1,112.40
Task F.8	<b>Review &amp; Approve Contractor's Schedule of Values</b>	0	24	0	0	0	24	\$1,112.40
Task F.9	<b>Approve Contractor's Final Work Schedules</b>	0	6	0	0	0	6	\$278.10
Task F.10	<b>Coordinate Contractor Work Schedules with Homeowners</b>	0	48	0	0	0	48	\$2,224.80
Task F.11	<b>Inventory Materials at Contractor's Warehouse</b>	0	48	0	0	0	48	\$2,224.80
Task F.12	<b>Monitor Construction Unit Starts</b>	0	24	0	0	0	24	\$1,112.40
Task F.13	<b>Monitor Contractor Schedules / Work Progress</b>	0	20	0	0	0	20	\$927.00
Task F.14	<b>Attend and Conduct Weekly Construction Progress Meetings</b>	0	150	0	0	0	150	\$6,952.50
Task F.15	<b>Periodic On-Site Reviews</b>	0	0	0	0	0	0	\$0.00
Task F.16	<b>Review &amp; Process Contractor's Application for Payment</b>	0	96	0	0	0	96	\$4,449.60
Task F.17	<b>Review Weekly Payroll Records</b>	0	48	0	0	0	48	\$2,224.80
Task F.18	<b>Review &amp; Resolve Change Orders</b>	0	24	0	0	0	24	\$1,112.40
Task F.19	<b>Prepare Punch Lists</b>	0	0	0	0	0	0	\$0.00
Task F.20	<b>Certify Substantial Completion of Contractor's Work</b>	0	0	0	0	0	0	\$0.00
Task F.21	<b>Conduct Final Inspections</b>	0	0	0	0	0	0	\$0.00
Task F.22	<b>Coordination &amp; Distribution of Contractor's Markups</b>	0	32	0	0	0	32	\$1,483.20
Task F.23	<b>Closeout: Provide Final Change Order &amp; Warrantees, Etc.</b>	0	32	0	0	0	32	\$1,483.20
	Subtotal of Hours	9	705	0	0	0	714	
	Subtotal of Dollars	\$625.77	\$32,676.75	\$0.00	\$0.00	\$0.00		\$33,302.52

<b>Total Hours</b>	239	4630	0	183	52	5104	
	\$16,635.05	\$214,612.09	\$0.00	\$4,608.13	\$1,055.60		<b>\$236,910.87</b>

<b>Overhead (152.27%)</b>	\$25,330.19	\$326,789.83	\$0.00	\$7,016.79	\$1,607.36	<b><u>\$360,744.17</u></b>
<b>Sub-Total</b>	\$41,965.25	\$541,401.91	\$0.00	\$11,624.92	\$2,662.96	<b>\$597,655.04</b>
<b>Fee (12%)</b>	\$5,035.83	\$64,968.23	\$0.00	\$1,394.99	\$319.56	<b><u>\$71,718.60</u></b>
<b>Total Fee</b>	\$47,001.08	\$606,370.14	\$0.00	\$13,019.91	\$2,982.52	<b>\$669,373.64</b>
<u>Direct Reimbursables</u>						
Outreach Center Office Expenses						<b><u>\$302,423.00</u></b>
<b>Total Expenses</b>						<b>\$302,423.00</b>
<b>Grand Total</b>						<b>\$971,796.64</b>

Project Team Hourly Rates	Principal	Sr. Onsite Project Manager	Real Property Specialist III	Real Property Specialist II	Trainee
	\$57.34	\$51.34	\$36.61	\$29.07	\$12.36

**PHASE II**  
**Attachment 1 - Early Action RSIP**

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Task A - Program Management</b>								
Task A.1	Participate in Program Kick-off Meetings	4	4	0	0	0	7	\$380.38
Task A.2	Conduct Windshield (Housing Inventory) Survey	0	0	0	0	33	33	\$407.88
Task A.3	Develop Parcel Map & Database of Eligible Properties	0	0	0	0	0	0	\$0.00
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	0	0	0	\$0.00
Task A.5	Implement a Residential Sound Insulation Program Management System	0	0	0	0	0	0	\$0.00
Task A.6	Maintain & Update Database	0	0	0	0	0	0	\$0.00
Task A.7	Design, Manage and Update a Program Website	0	0	0	0	0	0	\$0.00
Task A.8	Select Residential Units	0	0	0	0	0	0	\$0.00
Task A.9	Prepare Early Action Program Schedule	0	0	0	0	0	0	\$0.00
Task A.10	Support Avigation Easement Program	0	3	0	0	0	3	\$154.02
Task A.11	Prepare & Update Monthly Progress Reports	0	9	0	0	0	9	\$436.39
Task A.12	Participate in Monthly Project Meetings with County / Airport	3	4	0	0	0	6	\$323.04
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	0	9	0	0	0	9	\$462.06
Task A.14	Intra-Team Coordination & Meetings	8	135	0	0	0	143	\$7,389.62
Task A.15	Modifications to the Procedures Manual	0	0	0	0	0	0	\$0.00
Task A.16	Prepare FAA Compliance / Program Reporting	0	0	0	0	0	0	\$0.00
Subtotal of Hours		14	163	0	0	33	210	
Subtotal of Dollars		\$802.76	\$8,342.75	\$0.00	\$0.00	\$407.88		\$9,553.39

**Task B - Community Outreach**

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task B.1	Provide an Onsite Homeowner Coordinator	0	0	0	2021	0	2021	\$58,750.47
Task B.2	Develop and Produce Homeowner Communication Materials / Program Documents	0	0	0	0	0	0	\$0.00
Task B.3	Design, Produce and Distribute Program Newsletters	0	0	0	0	0	0	\$0.00
Task B.4	Conduct Neighborhood Workshops	0	0	0	0	0	0	\$0.00
Task B.5	Conduct Homeowner Meetings	0	0	0	0	0	0	\$0.00
Task B.6	Conduct Soundproofing Surveys	0	0	0	0	0	0	\$0.00

	Subtotal of Hours	0	0	0	2,021	0	2021	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$58,750.47	\$0.00		\$58,750.47

<b>Task C - Acoustical Program Guidelines</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task C.1	Develop Acoustical Testing Plan	0	0	0	0	0	0	\$0.00
Task C.2	Develop Program Acoustical Criteria & Guidelines	0	0	0	0	0	0	\$0.00
Task C.3	Conduct Pre-Construction Acoustical Testing	0	0	0	0	0	0	\$0.00
Task C.4	Review Acoustical Treatment Concepts	0	0	0	0	0	0	\$0.00
Task C.5	Conduct Post-Construction Testing	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task D - Architectural Services</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task D.1	Conduct Building Code Review / Meet with Building Officials	0	0	0	0	0	0	\$0.00
Task D.2	Historical Coordination & Review	0	0	0	0	0	0	\$0.00
Task D.3	Prepare Report on Regulatory Environment	0	0	0	0	0	0	\$0.00
Task D.4	Develop a HazMat Materials Testing & Remediation Plan	0	0	0	0	0	0	\$0.00
Task D.5	Recommend Program Standards for Acoustical Treatments and Products	0	0	0	0	0	0	\$0.00
Task D.6	Conduct Site Assessment Visits	0	0	0	0	0	0	\$0.00
Task D.7	Prepare Existing Conditions Report	0	0	0	0	0	0	\$0.00
Task D.8	Prepare Design Concept Packets	0	0	0	0	0	0	\$0.00
Task D.9	Review Design Concept Packets with Homeowners	0	0	0	0	0	0	\$0.00
Task D.10	Finalize Design Concepts per Homeowner Review	0	0	0	0	0	0	\$0.00
Task D.11	Assist Broward County with Homeowner Agreements & Avigation Easements	0	0	0	0	0	0	\$0.00
Task D.12	Prepare Draft Construction Contract Documents (90% Submittals)	0	0	0	0	0	0	\$0.00
Task D.13	Review Broward County's Standard Bid Documents	0	0	0	0	0	0	\$0.00
Task D.14	Prepare 100% Construction Contract Documents	0	0	0	0	0	0	\$0.00
Task D.15	Estimate of Probable Costs	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task E - Engineering Services</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task E.1	Conduct Code & Regulatory Reviews	0	0	0	0	0	0	\$0.00

Task E.2	<b>Conduct Engineering Assessment Visits</b>	0	0	0	0	0	0	\$0.00
Task E.3	<b>Prepare Engineering Reports</b>	0	0	0	0	0	0	\$0.00
Task E.4	<b>Prepare Engineering Concepts</b>	0	0	0	0	0	0	\$0.00
Task E.5	<b>Prepare Engineering Documents for (90%) Construction Contract Documents</b>	0	0	0	0	0	0	\$0.00
Task E.6	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task F - Construction Administration</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task F.1	<b>Assist Broward County with Bid Advertisement / Schedule</b>	0	0	0	0	0	0	\$0.00
Task F.2	<b>Assist Broward County with Pre-bid Conference</b>	0	0	0	0	0	0	\$0.00
Task F.3	<b>Respond to Clarifications &amp; Prepare Addenda</b>	0	0	0	0	0	0	\$0.00
Task F.4	<b>Assist Broward County with Technical Review of Contractor Bids</b>	0	0	0	0	0	0	\$0.00
Task F.5	<b>Recommend Award</b>	0	0	0	0	0	0	\$0.00
Task F.6	<b>Conduct Pre-Construction Conference and Walk-Through</b>	0	0	0	0	0	0	\$0.00
Task F.7	<b>Review Contractor Submittals &amp; Work Schedules</b>	0	0	0	0	0	0	\$0.00
Task F.8	<b>Review &amp; Approve Contractor's Schedule of Values</b>	0	0	0	0	0	0	\$0.00
Task F.9	<b>Approve Contractor's Final Work Schedules</b>	0	0	0	0	0	0	\$0.00
Task F.10	<b>Coordinate Contractor Work Schedules with Homeowners</b>	0	0	0	0	0	0	\$0.00
Task F.11	<b>Inventory Materials at Contractor's Warehouse</b>	0	0	0	0	0	0	\$0.00
Task F.12	<b>Monitor Construction Unit Starts</b>	0	0	0	0	0	0	\$0.00
Task F.13	<b>Monitor Contractor Schedules / Work Progress</b>	0	0	0	0	0	0	\$0.00
Task F.14	<b>Attend and Conduct Weekly Construction Progress Meetings</b>	0	0	0	0	0	0	\$0.00
Task F.15	<b>Periodic On-Site Reviews</b>	0	0	0	0	0	0	\$0.00
Task F.16	<b>Review &amp; Process Contractor's Application for Payment</b>	0	0	0	0	0	0	\$0.00
Task F.17	<b>Review Weekly Payroll Records</b>	0	0	0	0	0	0	\$0.00
Task F.18	<b>Review &amp; Resolve Change Orders</b>	0	0	0	0	0	0	\$0.00
Task F.19	<b>Prepare Punch Lists</b>	0	0	0	0	0	0	\$0.00
Task F.20	<b>Certify Substantial Completion of Contractor's Work</b>	0	0	0	0	0	0	\$0.00
Task F.21	<b>Conduct Final Inspections</b>	0	0	0	0	0	0	\$0.00
Task F.22	<b>Coordination &amp; Distribution of Contractor's Markups</b>	0	0	0	0	0	0	\$0.00

Task F.23	<b>Closeout: Provide Final Change Order &amp; Warrantees, Etc.</b>	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Total Hours</b>	14	163	0	2021	33	2231	
	\$802.76	\$8,342.75	\$0.00	\$58,750.47	\$407.88		<b>\$68,303.86</b>

<b>Overhead (172%)</b>	\$1,380.75	\$14,349.53	\$0.00	\$101,050.81	\$701.55		<b>\$117,482.64</b>
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<b>Sub-Total</b>	\$2,183.51	\$22,692.28	\$0.00	\$159,801.28	\$1,109.43		<b>\$185,786.50</b>
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<b>Fee (10%)</b>	\$218.35	\$2,269.23	\$0.00	\$15,980.13	\$110.94		<b>\$18,578.65</b>
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<b>Total Fee</b>	\$2,401.86	\$24,961.51	\$0.00	\$175,781.41	\$1,220.38		<b>\$204,365.15</b>
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Direct Reimbursables

Travel ( hotels / car rental / per diem / mileage )							\$4,000.00
Printing/Publications/Courier/Telephone							\$0.00
Field Office Rent, including utilities (for the first 2 months)							\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Center)							\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)							\$0.00
Indoor Air Quality Testing & Reporting (50 Homes @\$225 per home)							\$0.00

<b>Total Expenses</b>							<b>\$4,000.00</b>
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<b>Grand Total</b>							<b>\$208,365.15</b>
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Project Team	Principal	Project Architect	Design Manager	Captain / Constructability	Database / GIS Manager	Construction Administrator	Administrative Assistant
Hourly Rates	\$49.23	\$49.88	\$26.28	\$25.75	\$42.09	\$30.90	\$27.26

**PHASE II**  
**Attachment 1 - Early Action RSIP**

**Task A - Program Management**

	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task A.1	Participate in Program Kick-off Meetings	15	2	4	3	0	0	23	\$994.57
Task A.2	Conduct Windshield (Housing Inventory) Survey	16	126	0	0	40	0	182	\$8,735.12
Task A.3	Develop Parcel Map & Database of Eligible Properties	14	0	0	0	74	35	122	\$4,723.31
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	0	85	0	85	\$3,556.61
Task A.5	Implement a Residential Sound Insulation Program Management System	3	1	27	0	69	0	100	\$3,786.40
Task A.6	Maintain & Update Database	0	0	0	31	59	0	90	\$3,268.69
Task A.7	Manage and Update a Program Website	0	0	0	0	0	0	0	\$0.00
Task A.8	Select Residential Units	18	0	0	0	2	7	27	\$1,136.53
Task A.9	Prepare Early Action Program Schedule	0	0	0	0	0	0	0	\$0.00
Task A.10	Support Avigation Easement Program	0	0	0	0	0	0	0	\$0.00
Task A.11	Prepare & Update Monthly Progress Reports	0	0	0	0	0	0	0	\$0.00
Task A.12	Participate in Monthly Project Meetings with County / Airport	12	1	0	0	0	0	13	\$640.64
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	9	3	0	0	0	0	12	\$568.10
Task A.14	Intra-Team Coordination & Meetings	216	14	59	0	12	0	301	\$13,362.66
Task A.15	Modifications to the Procedures Manual	0	0	12	0	0	0	12	\$315.36
Task A.16	Prepare FAA Compliance / Program Reporting	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	302	146	102	33	340	42	964	
	Subtotal of Dollars	\$14,867.46	\$7,282.48	\$2,667.42	\$849.75	\$14,289.56	\$0.00	\$1,131.29	\$41,087.96

**Task B - Community Outreach**

	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task B.1	Provide an Onsite Homeowner Coordinator	0	0	0	0	0	0	0	\$0.00
Task B.2	Develop and Produce Homeowner Communication Materials / Program Documents	27	0	0	0	0	6	33	\$1,468.16
Task B.3	Design, Produce and Distribute Program Newsletters	17	0	0	0	0	0	17	\$812.30
Task B.4	Conduct Neighborhood Workshops	13	16	0	0	0	0	29	\$1,413.46
Task B.5	Conduct Homeowner Meetings	0	0	51	0	0	0	51	\$1,340.28
Task B.6	Conduct Soundproofing Surveys	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	56	16	51	0	0	6	129	
	Subtotal of Dollars	\$2,732.27	\$787.68	\$2,510.73	\$0.00	\$0.00	\$295.38		\$5,034.19

**Task C - Acoustical Program Guidelines**

	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task C.1	Develop Acoustical Testing Plan	0	0	0	0	0	0	0	\$0.00
Task C.2	Develop Program Acoustical Criteria & Guidelines	0	0	0	0	0	0	0	\$0.00

Task C.3	<b>Conduct Pre-Construction Acoustical Testing</b>	0	0	0	0	0	0	0	0	\$0.00
Task C.4	<b>Review Acoustical Treatment Concepts</b>	0	0	0	0	0	0	0	0	\$0.00
Task C.5	<b>Conduct Post-Construction Testing</b>	0	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

<b>Task D - Architectural Services</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task D.1	<b>Conduct Building Code Review / Meet with Building Officials</b>	23	6	48	0	0	0	0	0	77	\$2,692.34
Task D.2	<b>Historical Coordination &amp; Review</b>	0	0	0	0	0	0	0	0	0	\$0.00
Task D.3	<b>Prepare Report on Regulatory Environment</b>	12	4	9	0	0	0	2	0	26	\$1,043.57
Task D.4	<b>Develop a HazMat Materials Testing &amp; Remediation Plan</b>	0	1	0	0	0	0	0	0	1	\$49.88
Task D.5	<b>Recommend Program Standards for Acoustical Treatments and Products</b>	6	1	46	22	1	0	0	0	75	\$2,110.44
Task D.6	<b>Conduct Site Assessment Visits</b>	0	0	42	74	0	78	0	0	194	\$5,419.46
Task D.7	<b>Prepare Existing Conditions Report</b>	0	1	58	104	0	8	0	0	170	\$4,461.51
Task D.8	<b>Prepare Design Concept Packets</b>	0	0	74	237	3	0	0	0	314	\$8,160.87
Task D.9	<b>Review Design Concept Packets with Homeowners</b>	0	0	43	0	0	0	0	0	43	\$1,130.04
Task D.10	<b>Finalize Design Concepts per Homeowner Review</b>	0	0	0	64	0	0	0	0	64	\$1,648.00
Task D.11	<b>Assist Broward County with Homeowner Agreements &amp; Avigation Easements</b>	0	0	0	0	0	0	0	0	0	\$0.00
Task D.12	<b>Prepare Draft Construction Contract Documents (90% Submittals)</b>	6	0	152	128	0	0	0	0	286	\$7,585.94
Task D.13	<b>Review Broward County's Standard Bid Documents</b>	0	0	12	0	0	0	0	0	12	\$315.36
Task D.14	<b>Prepare 100% Construction Contract Documents</b>	0	11	69	24	0	0	0	0	104	\$2,967.53
Task D.15	<b>Estimate of Probable Costs</b>	0	0	24	0	0	0	0	0	24	\$630.72
	Subtotal of Hours	47	23	576	652	4	86	2	0	1389	
	Subtotal of Dollars	\$2,289.20	\$1,132.29	\$28,368.79	\$32,073.35	\$172.31	\$4,233.78	\$98.46			\$38,215.65

<b>Task E - Engineering Services</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task E.1	<b>Conduct Code &amp; Regulatory Reviews</b>	0	0	0	0	0	0	0	0	0	\$0.00
Task E.2	<b>Conduct Engineering Assessment Visits</b>	0	0	0	0	0	0	0	0	0	\$0.00
Task E.3	<b>Prepare Engineering Reports</b>	0	0	0	0	0	0	0	0	0	\$0.00
Task E.4	<b>Prepare Engineering Concepts</b>	0	0	0	0	0	0	0	0	0	\$0.00
Task E.5	<b>Prepare Engineering Documents for (90%) Construction Contract Documents</b>	0	0	0	0	0	0	0	0	0	\$0.00
Task E.6	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task F - Construction Administration</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task F.1	<b>Assist Broward County with Bid Advertisement / Schedule</b>	0	0	0	0	0	0	0	0	0	\$0.00
Task F.2	<b>Assist Broward County with Pre-bid Conference</b>	0	0	0	0	0	16	0	0	16	\$494.40



Task F.3	Respond to Clarifications & Prepare Addenda	0	0	0	0	0	32	0	32	\$988.80
Task F.4	Assist Broward County with Technical Review of Contractor Bids	0	2	0	0	0	8	0	10	\$346.96
Task F.5	Recommend Award	0	0	0	0	0	0	0	0	\$0.00
Task F.6	Conduct Pre-Construction Conference and Walk-Through	0	0	0	0	0	48	0	48	\$1,483.20
Task F.7	Review Contractor Submittals & Work Schedules	0	0	0	0	0	80	0	80	\$2,472.00
Task F.8	Review & Approve Contractor's Schedule of Values	0	0	0	0	0	16	0	16	\$494.40
Task F.9	Approve Contractor's Final Work Schedules	0	0	0	0	0	12	0	12	\$370.80
Task F.10	Coordinate Contractor Work Schedules with Homeowners	0	0	0	0	0	0	0	0	\$0.00
Task F.11	Inventory Materials at Contractor's Warehouse	0	0	0	0	0	24	0	24	\$741.60
Task F.12	Monitor Construction Unit Starts	0	0	0	0	0	0	0	0	\$0.00
Task F.13	Monitor Contractor Schedules / Work Progress	0	0	0	0	0	16	0	16	\$494.40
Task F.14	Attend and Conduct Weekly Construction Progress Meetings	0	0	0	0	0	64	0	64	\$1,977.60
Task F.15	Periodic On-Site Reviews	0	0	0	0	0	100	0	100	\$3,090.00
Task F.16	Review & Process Contractor's Application for Payment	0	0	0	0	0	60	0	60	\$1,854.00
Task F.17	Review Weekly Payroll Records	0	0	0	0	0	0	0	0	\$0.00
Task F.18	Review & Resolve Change Orders	0	8	0	0	0	32	0	40	\$1,387.84
Task F.19	Prepare Punch Lists	0	0	0	0	0	200	0	200	\$6,180.00
Task F.20	Certify Substantial Completion of Contractor's Work	0	0	0	0	0	0	0	0	\$0.00
Task F.21	Conduct Final Inspections	0	0	0	0	0	100	0	100	\$3,090.00
Task F.22	Coordination & Distribution of Contractor's Markups	0	0	0	0	0	24	0	24	\$741.60
Task F.23	Closeout: Provide Final Change Order & Warrantees, Etc.	0	0	0	0	0	48	0	48	\$1,483.20
	Subtotal of Hours	0	10	0	0	0	880	0	890	
	Subtotal of Dollars	\$0.00	\$492.30	\$0.00	\$0.00	\$0.00	\$43,322.40	\$0.00		\$27,690.80

<i>Total Hours</i>	404	195	729	685	343	966	50	3371	
	\$19,888.92	\$9,726.60	\$19,151.55	\$17,625.88	\$14,436.87	\$29,849.40	\$1,349.37		<b>\$112,028.59</b>

<b>Overhead (172%)</b>	\$34,208.94	\$16,729.75	\$32,940.67	\$30,316.51	\$24,831.42	\$51,340.97	\$2,320.92		<b>\$192,689.17</b>
<b>Sub-Total</b>	\$54,097.86	\$26,456.35	\$52,092.22	\$47,942.38	\$39,268.29	\$81,190.37	\$3,670.29		<b>\$304,717.75</b>
<b>Fee (10%)</b>	\$5,409.79	\$2,645.64	\$5,209.22	\$4,794.24	\$3,926.83	\$8,119.04	\$367.03		<b>\$30,471.78</b>
<b>Total Fee</b>	\$59,507.65	\$29,101.99	\$57,301.44	\$52,736.62	\$43,195.12	\$89,309.40	\$4,037.32		<b>\$335,189.53</b>

Direct Reimbursables

Travel (hotels / car rental / per diem / mileage)	\$27,500.00
Printing/Publications/Courier/Telephone	\$0.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Center)	\$0.00

Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)  
Indoor Air Quality Testing & Reporting (50 Homes @\$225 per home)

\$0.00

\$0.00

***Total Expenses***

**\$27,500.00**

***Grand Total***

**\$362,689.53**

Project Team	Principal Consultant II	Senior Consultant I	Consultant II	Project Support II
Hourly Rates	\$58.93	\$41.59	\$32.68	\$30.70

**PHASE II**  
**Attachment 1 - Early Action RSIP**

		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Task A - Program Management</b>							
Task A.1	Participate in Program Kick-off Meetings	30	0	0	0	30	\$1,767.90
Task A.2	Conduct Windshield (Housing Inventory) Survey	0	0	0	0	0	\$0.00
Task A.3	Develop Parcel Map & Database of Eligible Properties	0	0	0	0	0	\$0.00
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	0	0	\$0.00
Task A.5	Implement a Residential Sound Insulation Program Management System	0	0	0	0	0	\$0.00
Task A.6	Maintain & Update Database	0	0	0	0	0	\$0.00
Task A.7	Design, Manage and Update a Program Website	0	0	0	0	0	\$0.00
Task A.8	Select Residential Units	0	0	0	0	0	\$0.00
Task A.9	Prepare Early Action Program Schedule	0	0	0	0	0	\$0.00
Task A.10	Support Avigation Easement Program	0	0	0	0	0	\$0.00
Task A.11	Prepare & Update Monthly Progress Reports	0	0	0	0	0	\$0.00
Task A.12	Participate in Monthly Project Meetings with County / Airport	0	0	0	0	0	\$0.00
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	0	0	0	0	0	\$0.00
Task A.14	Intra-Team Coordination & Meetings	7	3	0	0	10	\$516.49
Task A.15	Modifications to the Procedures Manual	0	0	0	0	0	\$0.00
Task A.16	Prepare FAA Compliance / Program Reporting	0	0	0	0	0	\$0.00
		Subtotal of Hours	37	3	0	0	40
		Subtotal of Dollars	\$2,180.41	\$103.98	\$0.00	\$0.00	\$2,284.39

**Task B - Community Outreach**

		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task B.1	Provide an Onsite Homeowner Coordinator	0	0	0	0	0	\$0.00
Task B.2	Develop and Produce Homeowner Communication Materials / Program Documents	0	0	0	0	0	\$0.00
Task B.3	Design, Produce and Distribute Program Newsletters	0	0	0	0	0	\$0.00
Task B.4	Conduct Neighborhood Workshops	0	0	0	0	0	\$0.00
Task B.5	Conduct Homeowner Meetings	0	0	0	0	0	\$0.00

Task B.6	<b>Conduct Soundproofing Surveys</b>	0	0	0	0	0	\$0.00
	Subtotal of Hours	0.00	0.00	0.00	0.00	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task C - Acoustical Program Guidelines</b>		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task C.1	<b>Develop Acoustical Testing Plan</b>	0	0	0	0	0	\$0.00
Task C.2	<b>Develop Program Acoustical Criteria &amp; Guidelines</b>	0	0	0	0	0	\$0.00
Task C.3	<b>Conduct Pre-Construction Acoustical Testing</b>	1	1	112	0	114	\$3,739.89
Task C.4	<b>Review Acoustical Treatment Concepts</b>	0	0	0	0	0	\$0.00
Task C.5	<b>Conduct Post-Construction Testing</b>	1	0	112	0	113	\$3,719.09
	Subtotal of Hours	2	1	224	0	227	
	Subtotal of Dollars	\$117.86	\$20.80	\$7,320.32	\$0.00		\$7,458.98

<b>Task D - Architectural Services</b>		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task D.1	<b>Conduct Building Code Review / Meet with Building Officials</b>	0	0	0	0	0	\$0.00
Task D.2	<b>Historical Coordination &amp; Review</b>	0	0	0	0	0	\$0.00
Task D.3	<b>Prepare Report on Regulatory Environment</b>	0	0	0	0	0	\$0.00
Task D.4	<b>Develop a HazMat Materials Testing &amp; Remediation Plan</b>	0	0	0	0	0	\$0.00
Task D.5	<b>Recommend Program Standards for Acoustical Treatments and Products</b>	0	0	0	0	0	\$0.00
Task D.6	<b>Conduct Site Assessment Visits</b>	0	0	0	0	0	\$0.00
Task D.7	<b>Prepare Existing Conditions Report</b>	0	0	0	0	0	\$0.00
Task D.8	<b>Prepare Design Concept Packets</b>	0	0	0	0	0	\$0.00
Task D.9	<b>Review Design Concept Packets with Homeowners</b>	0	0	0	0	0	\$0.00
Task D.10	<b>Finalize Design Concepts per Homeowner Review</b>	0	0	0	0	0	\$0.00
Task D.11	<b>Assist Broward County with Homeowner Agreements &amp; Avigation Easements</b>	0	0	0	0	0	\$0.00
Task D.12	<b>Prepare Draft Construction Contract Documents (90% Submittals)</b>	0	0	0	0	0	\$0.00
Task D.13	<b>Review Broward County's Standard Bid Documents</b>	0	0	0	0	0	\$0.00
Task D.14	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	0	\$0.00
Task D.15	<b>Estimate of Probable Costs</b>	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task E - Engineering Services</b>		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task E.1	<b>Conduct Code &amp; Regulatory Reviews</b>	0	0	0	0	0	\$0.00
Task E.2	<b>Conduct Engineering Assessment Visits</b>	0	0	0	0	0	\$0.00
Task E.3	<b>Prepare Engineering Reports</b>	0	0	0	0	0	\$0.00
Task E.4	<b>Prepare Engineering Concepts</b>	0	0	0	0	0	\$0.00
Task E.5	<b>Prepare Engineering Documents for (90%) Construction Contract Documents</b>	0	0	0	0	0	\$0.00
Task E.6	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	0	\$0.00
Subtotal of Hours		0	0	0	0	0	
Subtotal of Dollars		\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task F - Construction Administration</b>		Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task F.1	<b>Assist Broward County with Bid Advertisement / Schedule</b>	0	0	0	0	0	\$0.00
Task F.2	<b>Assist Broward County with Pre-bid Conference</b>	0	0	0	0	0	\$0.00
Task F.3	<b>Respond to Clarifications &amp; Prepare Addenda</b>	0	0	0	0	0	\$0.00
Task F.4	<b>Assist Broward County with Technical Review of Contractor Bids</b>	0	0	0	0	0	\$0.00
Task F.5	<b>Recommend Award</b>	0	0	0	0	0	\$0.00
Task F.6	<b>Conduct Pre-Construction Conference and Walk-Through</b>	0	0	0	0	0	\$0.00
Task F.7	<b>Review Contractor Submittals &amp; Work Schedules</b>	0	0	0	0	0	\$0.00
Task F.8	<b>Review &amp; Approve Contractor's Schedule of Values</b>	0	0	0	0	0	\$0.00
Task F.9	<b>Approve Contractor's Final Work Schedules</b>	0	0	0	0	0	\$0.00
Task F.10	<b>Coordinate Contractor Work Schedules with Homeowners</b>	0	0	0	0	0	\$0.00
Task F.11	<b>Inventory Materials at Contractor's Warehouse</b>	0	0	0	0	0	\$0.00
Task F.12	<b>Monitor Construction Unit Starts</b>	0	0	0	0	0	\$0.00
Task F.13	<b>Monitor Contractor Schedules / Work Progress</b>	0	0	0	0	0	\$0.00
Task F.14	<b>Attend and Conduct Weekly Construction Progress Meetings</b>	0	0	0	0	0	\$0.00
Task F.15	<b>Periodic On-Site Reviews</b>	0	0	0	0	0	\$0.00
Task F.16	<b>Review &amp; Process Contractor's Application for Payment</b>	0	0	0	0	0	\$0.00
Task F.17	<b>Review Weekly Payroll Records</b>	0	0	0	0	0	\$0.00
Task F.18	<b>Review &amp; Resolve Change Orders</b>	0	0	0	0	0	\$0.00
Task F.19	<b>Prepare Punch Lists</b>	0	0	0	0	0	\$0.00

Task F.20	<b>Certify Substantial Completion of Contractor's Work</b>	0	0	0	0	0	\$0.00
Task F.21	<b>Conduct Final Inspections</b>	0	0	0	0	0	\$0.00
Task F.22	<b>Coordination &amp; Distribution of Contractor's Markups</b>	0	0	0	0	0	\$0.00
Task F.23	<b>Closeout: Provide Final Change Order &amp; Warrantees, Etc.</b>	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<i>Total Hours</i>	39	3	224	0	266	
	\$2,298.27	\$124.77	\$7,320.32	\$0.00		<b>\$9,743.36</b>
	\$0.00	\$0.00	\$0.00	\$0.00		<b>\$0.00</b>
<b>Sub-Total</b>	\$2,298.27	\$124.77	\$7,320.32	\$0.00		<b>\$9,743.36</b>
	\$4,573.56	\$248.29	\$14,567.44	\$0.00		<b>\$19,389.29</b>
<b>Total Fee</b>	\$6,871.83	\$373.06	\$21,887.76	\$0.00		<b>\$29,132.65</b>

Direct Reimbursables

Travel ( hotels / car rental / per diem / mileage )	\$8,200.00
Printing/Publications/Courier/Telephone	\$4,800.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment ( including Product Display Center)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (50 Homes @\$225 per home)	\$0.00

**Total Expenses** **\$13,000.00**

**Grand Total** **\$42,132.65**

Project Team	Project Manager	Field Representative	Administrative Assistant
Hourly Rates	\$43.27	\$32.59	\$19.23

**PHASE II**  
**Attachment 1 - Early Action RSIP**

**Task A - Program Management**

		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task A.1	Participate in Program Kick-off Meetings	0	0	0	0	\$0.00
Task A.2	Conduct Windshield (Housing Inventory) Survey	0	0	0	0	\$0.00
Task A.3	Develop Parcel Map & Database of Eligible Properties	0	0	0	0	\$0.00
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	0	\$0.00
Task A.5	Implement a Residential Sound Insulation Program Management System	0	0	0	0	\$0.00
Task A.6	Maintain & Update Database	0	0	0	0	\$0.00
Task A.7	Design, Manage and Update a Program Website	0	0	0	0	\$0.00
Task A.8	Select Residential Units	0	0	0	0	\$0.00
Task A.9	Prepare Early Action Program Schedule	0	0	0	0	\$0.00
Task A.10	Support Avigation Easement Program	0	0	0	0	\$0.00
Task A.11	Prepare & Update Monthly Progress Reports	0	0	0	0	\$0.00
Task A.12	Participate in Monthly Project Meetings with County / Airport	0	0	0	0	\$0.00
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	0	0	0	0	\$0.00
Task A.14	Intra-Team Coordination & Meetings	0	0	0	0	\$0.00
Task A.15	Modifications to the Procedures Manual	0	0	0	0	\$0.00
Task A.16	Prepare FAA Compliance / Program Reporting	0	0	0	0	\$0.00
Subtotal of Hours		0	0	0	0	
Subtotal of Dollars		\$0.00	\$0.00	\$0.00		\$0.00

**Task B - Community Outreach**

		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task B.1	Provide an Onsite Homeowner Coordinator	0	0	530	530	\$10,191.90

Task B.2	<b>Develop and Produce Homeowner Communication Materials / Program Documents</b>	0	0	0	0	\$0.00
Task B.3	<b>Design, Produce and Distribute Program Newsletters</b>	0	0	0	0	\$0.00
Task B.4	<b>Conduct Neighborhood Workshops</b>	0	0	0	0	\$0.00
Task B.5	<b>Conduct Homeowner Meetings</b>	0	0	0	0	\$0.00
Task B.6	<b>Conduct Soundproofing Surveys</b>	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	530	530	
	Subtotal of Dollars	\$0.00	\$0.00	\$10,191.90		\$10,191.90

<b>Task C - Acoustical Program Guidelines</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task C.1	<b>Develop Acoustical Testing Plan</b>	0	0	0	0	\$0.00
Task C.2	<b>Develop Program Acoustical Criteria &amp; Guidelines</b>	0	0	0	0	\$0.00
Task C.3	<b>Conduct Pre-Construction Acoustical Testing</b>	0	0	0	0	\$0.00
Task C.4	<b>Review Acoustical Treatment Concepts</b>	0	0	0	0	\$0.00
Task C.5	<b>Conduct Post-Construction Testing</b>	0	0	40	40	\$769.20
	Subtotal of Hours	0	0	40	40	
	Subtotal of Dollars	\$0.00	\$0.00	\$769.20		\$769.20

<b>Task D - Architectural Services</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task D.1	<b>Conduct Building Code Review / Meet with Building Officials</b>	0	0	0	0	\$0.00
Task D.2	<b>Historical Coordination &amp; Review</b>	0	0	0	0	\$0.00
Task D.3	<b>Prepare Report on Regulatory Environment</b>	0	0	0	0	\$0.00
Task D.4	<b>Develop a HazMat Materials Testing &amp; Remediation Plan</b>	0	0	0	0	\$0.00
Task D.5	<b>Recommend Program Standards for Acoustical Treatments and Products</b>	0	0	0	0	\$0.00
Task D.6	<b>Conduct Site Assessment Visits</b>	0	0	0	0	\$0.00
Task D.7	<b>Prepare Existing Conditions Report</b>	0	0	0	0	\$0.00
Task D.8	<b>Prepare Design Concept Packets</b>	0	0	0	0	\$0.00
Task D.9	<b>Review Design Concept Packets with Homeowners</b>	0	0	0	0	\$0.00



Task D.10	<b>Finalize Design Concepts per Homeowner Review</b>	0	0	0	0	\$0.00
Task D.11	<b>Assist Broward County with Homeowner Agreements &amp; Avigation Easements</b>	0	0	0	0	\$0.00
Task D.12	<b>Prepare Draft Construction Contract Documents (90% Submittals)</b>	0	0	0	0	\$0.00
Task D.13	<b>Review Broward County's Standard Bid Documents</b>	0	0	0	0	\$0.00
Task D.14	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	\$0.00
Task D.15	<b>Estimate of Probable Costs</b>	0	0	0	0	\$0.00
	Subtotal of Hours	0.00	0.00	0.00	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task E - Engineering Services</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task E.1	<b>Conduct Code &amp; Regulatory Reviews</b>	0	0	0	0	\$0.00
Task E.2	<b>Conduct Engineering Assessment Visits</b>	0	0	0	0	\$0.00
Task E.3	<b>Prepare Engineering Reports</b>	0	0	0	0	\$0.00
Task E.4	<b>Prepare Engineering Concepts</b>	0	0	0	0	\$0.00
Task E.5	<b>Prepare Engineering Documents for (90%) Construction Contract Documents</b>	0	0	0	0	\$0.00
Task E.6	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task F - Construction Administration</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task F.1	<b>Assist Broward County with Bid Advertisement / Schedule</b>	0	0	0	0	\$0.00
Task F.2	<b>Assist Broward County with Pre-bid Conference</b>	0	0	0	0	\$0.00
Task F.3	<b>Respond to Clarifications &amp; Prepare Addenda</b>	0	0	0	0	\$0.00
Task F.4	<b>Assist Broward County with Technical Review of Contractor Bids</b>	0	0	0	0	\$0.00
Task F.5	<b>Recommend Award</b>	0	0	0	0	\$0.00
Task F.6	<b>Conduct Pre-Construction Conference and Walk-Through</b>	0	0	0	0	\$0.00
Task F.7	<b>Review Contractor Submittals &amp; Work Schedules</b>	0	0	0	0	\$0.00

Task F.8	<b>Review &amp; Approve Contractor's Schedule of Values</b>	0	0	0	0	\$0.00
Task F.9	<b>Approve Contractor's Final Work Schedules</b>	0	0	0	0	\$0.00
Task F.10	<b>Coordinate Contractor Work Schedules with Homeowners</b>	0	0	0	0	\$0.00
Task F.11	<b>Inventory Materials at Contractor's Warehouse</b>	0	0	0	0	\$0.00
Task F.12	<b>Monitor Construction Unit Starts</b>	0	0	0	0	\$0.00
Task F.13	<b>Monitor Contractor Schedules / Work Progress</b>	30	880	0	910	\$29,977.30
Task F.14	<b>Attend and Conduct Weekly Construction Progress Meetings</b>	0	0	0	0	\$0.00
Task F.15	<b>Periodic On-Site Reviews</b>	0	0	0	0	\$0.00
Task F.16	<b>Review &amp; Process Contractor's Application for Payment</b>	0	0	0	0	\$0.00
Task F.17	<b>Review Weekly Payroll Records</b>	0	0	0	0	\$0.00
Task F.18	<b>Review &amp; Resolve Change Orders</b>	0	0	0	0	\$0.00
Task F.19	<b>Prepare Punch Lists</b>	0	0	0	0	\$0.00
Task F.20	<b>Certify Substantial Completion of Contractor's Work</b>	0	0	0	0	\$0.00
Task F.21	<b>Conduct Final Inspections</b>	0	0	0	0	\$0.00
Task F.22	<b>Coordination &amp; Distribution of Contractor's Markups</b>	0	0	0	0	\$0.00
Task F.23	<b>Closeout: Provide Final Change Order &amp; Warrantees, Etc.</b>	0	0	0	0	\$0.00
	Subtotal of Hours	30	880	0	910	
	Subtotal of Dollars	\$1,298.10	\$38,077.60	\$0.00		\$29,977.30

<i>Total Hours</i>	30	880	570	1480
	\$1,298.10	\$28,679.20	\$10,961.10	<b>\$40,938.40</b>
<b>Overhead (140%)</b>	\$1,817.34	\$40,150.88	\$15,345.54	<b>\$57,313.76</b>
<b>Sub-Total</b>	\$3,115.44	\$68,830.08	\$26,306.64	<b>\$98,252.16</b>
<b>Fee (10%)</b>	\$311.54	\$6,883.01	\$2,630.66	<b>\$9,825.22</b>

<b>Total Fee</b>	\$3,426.98	\$75,713.09	\$28,937.30	<b>\$108,077.38</b>
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Direct Reimbursables

Travel ( hotels / car rental / per diem / mileage )				\$4,650.00
Printing/Publications/Courier/Telephone				\$750.00
Field Office Rent, including utilities (for the first 2 months)				\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Center)				\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)				\$0.00
Indoor Air Quality Testing & Reporting (50 Homes @\$225 per home)				\$0.00

<b>Total Expenses</b>				<b>\$5,400.00</b>
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<b>Grand Total</b>				<b>\$113,477.38</b>
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Project Team	Principal	Project Manager	Structural Engineer	Mechanical Engineer	Electrical Engineer	CADD Tech	Administrative Support
Hourly Rates	\$61.00	\$51.90	\$41.00	\$33.19	\$31.31	\$25.00	\$19.00

**PHASE II**  
**Attachment 1 - Early Action RSIP**

	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Task A - Program Management</b>									
Task A.1	Participate in Program Kick-off Meetings	0	0	0	0	0	0	0	\$0.00
Task A.2	Conduct Windshield (Housing Inventory) Survey	0	0	0	0	0	0	0	\$0.00
Task A.3	Develop Parcel Map & Database of Eligible Properties	0	0	0	0	0	0	0	\$0.00
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	0	0	0	0	\$0.00
Task A.5	Implement a Residential Sound Insulation Program Management System	0	0	0	0	0	0	0	\$0.00
Task A.6	Maintain & Update Database	0	0	0	0	0	0	0	\$0.00
Task A.7	Design, Manage and Update a Program Website	0	0	0	0	0	0	0	\$0.00
Task A.8	Select Residential Units	0	0	0	0	0	0	0	\$0.00
Task A.9	Prepare Early Action Program Schedule	0	0	0	0	0	0	0	\$0.00
Task A.10	Support Avigation Easement Program	0	0	0	0	0	0	0	\$0.00
Task A.11	Prepare & Update Monthly Progress Reports	0	0	0	0	0	0	0	\$0.00
Task A.12	Participate in Monthly Project Meetings with County / Airport	0	0	0	0	0	0	0	\$0.00
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	0	0	0	0	0	0	0	\$0.00
Task A.14	Intra-Team Coordination & Meetings	59	0	7	15	20	43	147	\$5,894.80
Task A.15	Modifications to the Procedures Manual	0	0	0	0	0	0	0	\$0.00
Task A.16	Prepare FAA Compliance / Program Reporting	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	59	0	7	15	20	43	147	
	Subtotal of Dollars	\$3,599.00	\$0.00	\$427.00	\$884.50	\$1,189.50	\$244.00	\$2,623.00	\$5,894.80

	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Task B - Community Outreach</b>									
Task B.1	Provide an Onsite Homeowner Coordinator	0	0	0	0	0	0	0	\$0.00
Task B.2	Develop and Produce Homeowner Communication Materials / Program Documents	0	0	0	0	0	0	0	\$0.00
Task B.3	Design, Produce and Distribute Program Newsletters	0	0	0	0	0	0	0	\$0.00
Task B.4	Conduct Neighborhood Workshops	0	0	0	0	0	0	0	\$0.00
Task B.5	Conduct Homeowner Meetings	0	0	0	0	0	0	0	\$0.00
Task B.6	Conduct Soundproofing Surveys	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Task C - Acoustical Program Guidelines</b>									
Task C.1	Develop Acoustical Testing Plan	0	0	0	0	0	0	0	\$0.00
Task C.2	Develop Program Acoustical Criteria & Guidelines	0	0	0	0	0	0	0	\$0.00
Task C.3	Conduct Pre-Construction Acoustical Testing	0	0	0	0	0	0	0	\$0.00
Task C.4	Review Acoustical Treatment Concepts	0	0	0	0	0	0	0	\$0.00
Task C.5	Conduct Post-Construction Testing	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Task D - Architectural Services</b>									
Task D.1	Conduct Building Code Review / Meet with Building Officials	0	0	0	0	0	0	0	\$0.00

Task D.2	Historical Coordination & Review	0	0	0	0	0	0	0	0	\$0.00
Task D.3	Prepare Report on Regulatory Environment	0	0	0	0	0	0	0	0	\$0.00
Task D.4	Develop a HazMat Materials Testing & Remediation Plan	0	0	0	0	0	0	0	0	\$0.00
Task D.5	Recommend Program Standards for Acoustical Treatments and Products	0	0	0	0	0	0	0	0	\$0.00
Task D.6	Conduct Site Assessment Visits	0	0	0	0	0	0	0	0	\$0.00
Task D.7	Prepare Existing Conditions Report	0	0	0	0	0	0	0	0	\$0.00
Task D.8	Prepare Design Concept Packets	0	0	0	0	0	0	0	0	\$0.00
Task D.9	Review Design Concept Packets with Homeowners	0	0	0	0	0	0	0	0	\$0.00
Task D.10	Finalize Design Concepts per Homeowner Review	0	0	0	0	0	0	0	0	\$0.00
Task D.11	Assist Broward County with Homeowner Agreements & Avigation Easements	0	0	0	0	0	0	0	0	\$0.00
Task D.12	Prepare Draft Construction Contract Documents (90% Submittals)	0	0	0	0	0	0	0	0	\$0.00
Task D.13	Review Broward County's Standard Bid Documents	0	0	0	0	0	0	0	0	\$0.00
Task D.14	Prepare 100% Construction Contract Documents	0	0	0	0	0	0	0	0	\$0.00
Task D.15	Estimate of Probable Costs	0	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

Task E - Engineering Services		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task E.1	Conduct Code & Regulatory Reviews	0	0	0	0	0	0	0	0	\$0.00
Task E.2	Conduct Engineering Assessment Visits	12	0	9	93	0	0	2	116	\$4,216.17
Task E.3	Prepare Engineering Reports	11	0	0	26	12	3	11	63	\$2,193.66
Task E.4	Prepare Engineering Concepts	84	0	72	323	115	14	40	647	\$23,480.93
Task E.5	Prepare Engineering Documents for (90%) Construction Contract Documents	0	12	0	120	40	0	0	172	\$5,858.00
Task E.6	Prepare 100% Construction Contract Documents	0	12	0	40	16	0	0	68	\$2,451.36
	Subtotal of Hours	107	24	81	602	183	17	52	1066	
	Subtotal of Dollars	\$6,527.00	\$1,464.00	\$4,941.00	\$36,691.50	\$11,163.00	\$1,037.00	\$3,172.00		\$38,200.12

Task F - Construction Administration		Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task F.1	Assist Broward County with Bid Advertisement / Schedule	0	0	0	0	0	0	0	0	\$0.00
Task F.2	Assist Broward County with Pre-bid Conference	4	0	0	0	0	0	0	4	\$244.00
Task F.3	Respond to Clarifications & Prepare Addenda	0	0	0	24	8	0	0	32	\$1,047.04
Task F.4	Assist Broward County with Technical Review of Contractor Bids	4	0	0	24	0	0	0	28	\$1,040.56
Task F.5	Recommend Award	0	0	0	0	0	0	0	0	\$0.00
Task F.6	Conduct Pre-Construction Conference and Walk-Through	0	0	0	0	0	0	0	0	\$0.00
Task F.7	Review Contractor Submittals & Work Schedules	4	0	0	48	48	0	0	100	\$3,340.00
Task F.8	Review & Approve Contractor's Schedule of Values	0	0	0	24	24	0	0	48	\$1,548.00
Task F.9	Approve Contractor's Final Work Schedules	0	0	0	0	0	0	0	0	\$0.00
Task F.10	Coordinate Contractor Work Schedules with Homeowners	0	0	0	0	0	0	0	0	\$0.00
Task F.11	Inventory Materials at Contractor's Warehouse	0	0	0	0	0	0	0	0	\$0.00
Task F.12	Monitor Construction Unit Starts	0	0	0	0	0	0	0	0	\$0.00
Task F.13	Monitor Contractor Schedules / Work Progress	0	0	0	0	0	0	0	0	\$0.00
Task F.14	Attend and Conduct Weekly Construction Progress Meetings	0	0	0	24	0	0	0	24	\$796.56
Task F.15	Periodic On-Site Reviews	0	0	0	64	32	0	0	96	\$3,126.08
Task F.16	Review & Process Contractor's Application for Payment	0	0	0	0	0	0	0	0	\$0.00

Task F.17	Review Weekly Payroll Records	0	0	0	0	0	0	0	0	\$0.00
Task F.18	Review & Resolve Change Orders	0	0	0	0	0	0	0	0	\$0.00
Task F.19	Prepare Punch Lists	0	0	0	80	0	0	0	80	\$2,655.20
Task F.20	Certify Substantial Completion of Contractor's Work	0	0	0	0	0	0	0	0	\$0.00
Task F.21	Conduct Final Inspections	4	0	0	80	0	0	0	84	\$2,899.20
Task F.22	Coordination & Distribution of Contractor's Markups	0	0	0	0	0	0	0	0	\$0.00
Task F.23	Closeout: Provide Final Change Order & Warrantees, Etc.	0	0	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	16	0	0	368	112	0	0	496	
	Subtotal of Dollars	\$976.00	\$0.00	\$0.00	\$22,448.00	\$8,832.00	\$0.00	\$0.00		\$16,696.64

<b>Total Hours</b>	182	24	88	984	315	21	95	1709	
	\$11,102.00	\$1,245.60	\$3,608.00	\$32,658.96	\$9,847.00	\$525.00	\$1,805.00		<b>\$60,791.56</b>

**Overhead (172%)** \$19,095.44 \$2,142.43 \$6,205.76 \$56,173.41 \$16,936.83 \$903.00 \$3,104.60 **\$104,561.47**

**Sub-Total** \$30,197.44 \$3,388.03 \$9,813.76 \$88,832.37 \$26,783.83 \$1,428.00 \$4,909.60 **\$165,353.03**

**Fee (10%)** \$3,019.74 \$338.80 \$981.38 \$8,883.24 \$2,678.38 \$142.80 \$490.96 **\$16,535.30**

**Total Fee** \$33,217.18 \$3,726.84 \$10,795.14 \$97,715.61 \$29,462.21 \$1,570.80 \$5,400.56 **\$181,888.33**

Direct Reimbursables

Travel (hotels / car rental / per diem / mileage)	\$12,400.00
Printing/Publications/Courier/Telephone	\$1,800.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Center)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (50 Homes @ \$225 per home)	\$11,250.00

**Total Expenses** **\$25,450.00**

**Grand Total** **\$207,338.33**

Tasks A - F			
Project Team	Project Manager	Field Technician	Administration
Hourly Rates	\$39.15	\$28.25	\$15.80

**PHASE II**  
**Attachment 1 - Early Action RSIP**

		Hrs	Hrs	Hrs	Subtotal hrs	Cost
<b>Task A - Program Management</b>						
Task A.1	Participate in Program Kick-off Meetings	3	0	2	5	\$129.48
Task A.2	Conduct Windshield (Housing Inventory) Survey	0	0	0	0	\$0.00
Task A.3	Develop Parcel Map & Database of Eligible Properties	0	0	0	0	\$0.00
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	0	\$0.00
Task A.5	Implement a Residential Sound Insulation Program Management System	0	0	0	0	\$0.00
Task A.6	Maintain & Update Database	0	0	0	0	\$0.00
Task A.7	Design, Manage and Update a Program Website	0	0	0	0	\$0.00
Task A.8	Select Residential Units	0	0	0	0	\$0.00
Task A.9	Prepare Early Action Program Schedule	0	0	0	0	\$0.00
Task A.10	Support Avigation Easement Program	0	0	0	0	\$0.00
Task A.11	Prepare & Update Monthly Progress Reports	0	0	0	0	\$0.00
Task A.12	Participate in Monthly Project Meetings with County / Airport	0	0	0	0	\$0.00
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	0	0	0	0	\$0.00
Task A.14	Intra-Team Coordination & Meetings	25	0	0	25	\$978.75
Task A.15	Modifications to the Procedures Manual	0	0	0	0	\$0.00
Task A.16	Prepare FAA Compliance / Program Reporting	0	0	0	0	\$0.00
Subtotal of Hours		28	0	2	30	
Subtotal of Dollars		\$1,076.63	\$0.00	\$78.30		\$1,108.23

**Task B - Community Outreach**

		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task B.1	Provide an Onsite Homeowner Coordinator	0	0	0	0	\$0.00
Task B.2	Develop and Produce Homeowner Communication Materials / Program Documents	0	0	0	0	\$0.00

Task B.3	<b>Design, Produce and Distribute Program Newsletters</b>	0	0	0	0	\$0.00
Task B.4	<b>Conduct Neighborhood Workshops</b>	0	0	0	0	\$0.00
Task B.5	<b>Conduct Homeowner Meetings</b>	0	0	0	0	\$0.00
Task B.6	<b>Conduct Soundproofing Surveys</b>	0	0	0	0	\$0.00
	Subtotal of Hours	0.00	0.00	0.00	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task C - Acoustical Program Guidelines</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task C.1	<b>Develop Acoustical Testing Plan</b>	0	0	0	0	\$0.00
Task C.2	<b>Develop Program Acoustical Criteria &amp; Guidelines</b>	0	0	0	0	\$0.00
Task C.3	<b>Conduct Pre-Construction Acoustical Testing</b>	0	0	0	0	\$0.00
Task C.4	<b>Review Acoustical Treatment Concepts</b>	0	0	0	0	\$0.00
Task C.5	<b>Conduct Post-Construction Testing</b>	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task D - Architectural Services</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task D.1	<b>Conduct Building Code Review / Meet with Building Officials</b>	0	0	0	0	\$0.00
Task D.2	<b>Historical Coordination &amp; Review</b>	0	0	0	0	\$0.00
Task D.3	<b>Prepare Report on Regulatory Environment</b>	18	0	0	18	\$714.49
Task D.4	<b>Develop a HazMat Materials Testing &amp; Remediation Plan</b>	0	0	0	0	\$0.00
Task D.5	<b>Recommend Program Standards for Acoustical Treatments and Products</b>	0	0	0	0	\$0.00
Task D.6	<b>Conduct Site Assessment Visits</b>	0	0	0	0	\$0.00
Task D.7	<b>Prepare Existing Conditions Report</b>	0	0	0	0	\$0.00
Task D.8	<b>Prepare Design Concept Packets</b>	0	0	0	0	\$0.00
Task D.9	<b>Review Design Concept Packets with Homeowners</b>	0	0	0	0	\$0.00
Task D.10	<b>Finalize Design Concepts per Homeowner Review</b>	0	0	0	0	\$0.00
Task D.11	<b>Assist Broward County with Homeowner Agreements &amp; Avigation Easements</b>	0	0	0	0	\$0.00



Tasks A - F

Task D.12	<b>Prepare Draft Construction Contract Documents (90% Submittals)</b>	24	120	0	144	\$4,329.60
Task D.13	<b>Review Broward County's Standard Bid Documents</b>	0	0	0	0	\$0.00
Task D.14	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	\$0.00
Task D.15	<b>Estimate of Probable Costs</b>	0	0	0	0	\$0.00
	Subtotal of Hours	42	120	0	162	
	Subtotal of Dollars	\$1,654.09	\$4,698.00	\$0.00		\$5,044.09

<b>Task E - Engineering Services</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task E.1	<b>Conduct Code &amp; Regulatory Reviews</b>	0	0	0	0	\$0.00
Task E.2	<b>Conduct Engineering Assessment Visits</b>	1	150	160	311	\$6,804.65
Task E.3	<b>Prepare Engineering Reports</b>	0	0	0	0	\$0.00
Task E.4	<b>Prepare Engineering Concepts</b>	0	0	0	0	\$0.00
Task E.5	<b>Prepare Engineering Documents for (90%) Construction Contract Documents</b>	0	0	0	0	\$0.00
Task E.6	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	\$0.00
	Subtotal of Hours	1	150	160	311	
	Subtotal of Dollars	\$39.15	\$4,237.50	\$2,528.00		\$6,804.65

<b>Task F - Construction Administration</b>		Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task F.1	<b>Assist Broward County with Bid Advertisement / Schedule</b>	0	0	0	0	\$0.00
Task F.2	<b>Assist Broward County with Pre-bid Conference</b>	0	0	0	0	\$0.00
Task F.3	<b>Respond to Clarifications &amp; Prepare Addenda</b>	0	0	0	0	\$0.00
Task F.4	<b>Assist Broward County with Technical Review of Contractor Bids</b>	0	0	0	0	\$0.00
Task F.5	<b>Recommend Award</b>	0	0	0	0	\$0.00
Task F.6	<b>Conduct Pre-Construction Conference and Walk-Through</b>	0	0	0	0	\$0.00
Task F.7	<b>Review Contractor Submittals &amp; Work Schedules</b>	0	0	0	0	\$0.00
Task F.8	<b>Review &amp; Approve Contractor's Schedule of Values</b>	0	0	0	0	\$0.00
Task F.9	<b>Approve Contractor's Final Work Schedules</b>	0	0	0	0	\$0.00
Task F.10	<b>Coordinate Contractor Work Schedules with Homeowners</b>	0	0	0	0	\$0.00

Tasks A - F

Task F.11	<b>Inventory Materials at Contractor's Warehouse</b>	0	0	0	0	\$0.00
Task F.12	<b>Monitor Construction Unit Starts</b>	0	0	0	0	\$0.00
Task F.13	<b>Monitor Contractor Schedules / Work Progress</b>	0	0	0	0	\$0.00
Task F.14	<b>Attend and Conduct Weekly Construction Progress Meetings</b>	0	0	0	0	\$0.00
Task F.15	<b>Periodic On-Site Reviews</b>	0	0	0	0	\$0.00
Task F.16	<b>Review &amp; Process Contractor's Application for Payment</b>	0	0	0	0	\$0.00
Task F.17	<b>Review Weekly Payroll Records</b>	0	0	0	0	\$0.00
Task F.18	<b>Review &amp; Resolve Change Orders</b>	0	0	0	0	\$0.00
Task F.19	<b>Prepare Punch Lists</b>	0	0	0	0	\$0.00
Task F.20	<b>Certify Substantial Completion of Contractor's Work</b>	0	0	0	0	\$0.00
Task F.21	<b>Conduct Final Inspections</b>	0	0	0	0	\$0.00
Task F.22	<b>Coordination &amp; Distribution of Contractor's Markups</b>	0	0	0	0	\$0.00
Task F.23	<b>Closeout: Provide Final Change Order &amp; Warrantees, Etc.</b>	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00		\$0.00

<b>Total Hours</b>	71	270	162	503	
	\$2,769.86	\$7,627.50	\$2,559.60		<b>\$12,956.96</b>
<b>Overhead (134.57%)</b>	\$3,727.40	\$10,264.33	\$3,444.45		<b>\$17,436.18</b>
<b>Sub-Total</b>	\$6,497.27	\$17,891.83	\$6,004.05		<b>\$30,393.15</b>
<b>Fee (10%)</b>	\$649.73	\$1,789.18	\$600.41		<b>\$3,039.31</b>
<b>Total Fee</b>	\$7,146.99	\$19,681.01	\$6,604.46		<b>\$33,432.46</b>

Direct Reimbursables

Travel ( hotels / car rental / per diem / mileage )	\$400.00
Printing/Publications/Courier/Telephone	\$0.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00

Field Office Fit-out / Furniture / Equipment (including Product Display Center)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (50 Homes @\$225 per home)	<u>\$7,000.00</u>
<b>Total Expenses</b>	<b>\$7,400.00</b>
<b>Grand Total</b>	<b>\$40,832.46</b>

Project Team	Project Director	Administrative / Coordinator
Hourly Rates	\$58.88	\$23.50

PHASE II Attachment 1 - Early Action RSIP		Hrs	Hrs	Subtotal hrs	Cost
<b>Task A - Program Management</b>					
Task A.1	Participate in Program Kick-off Meetings	4	0	4	\$235.52
Task A.2	Conduct Windshield (Housing Inventory) Survey	0	0	0	\$0.00
Task A.3	Develop Parcel Map & Database of Eligible Properties	0	0	0	\$0.00
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	\$0.00
Task A.5	Implement a Residential Sound Insulation Program Management System	0	0	0	\$0.00
Task A.6	Maintain & Update Database	0	0	0	\$0.00
Task A.7	Design, Manage and Update a Program Website	12	14	26	\$1,035.56
Task A.8	Select Residential Units	0	0	0	\$0.00
Task A.9	Prepare Early Action Program Schedule	0	0	0	\$0.00
Task A.10	Support Avigation Easement Program	0	0	0	\$0.00
Task A.11	Prepare & Update Monthly Progress Reports	0	0	0	\$0.00
Task A.12	Participate in Monthly Project Meetings with County / Airport	0	0	0	\$0.00
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	0	0	0	\$0.00
Task A.14	Intra-Team Coordination & Meetings	12	0	12	\$706.56
Task A.15	Modifications to the Procedures Manual	0	0	0	\$0.00
Task A.16	Prepare FAA Compliance / Program Reporting	0	0	0	\$0.00
Subtotal of Hours		28	14	42	
Subtotal of Dollars		\$1,648.64	\$824.32		\$1,977.64

<b>Task B - Community Outreach</b>		Hrs	Hrs	Subtotal hrs	Cost
Task B.1	<b>Provide an Onsite Homeowner Coordinator</b>	0	161	161	\$3,783.50
Task B.2	<b>Develop and Produce Homeowner Communication Materials / Program Documents</b>	0	0	0	\$0.00
Task B.3	<b>Design, Produce and Distribute Program Newsletters</b>	0	0	0	\$0.00
Task B.4	<b>Conduct Neighborhood Workshops</b>	34	24	58	\$2,571.80
Task B.5	<b>Conduct Homeowner Meetings</b>		0	0	\$0.00
Task B.6	<b>Conduct Soundproofing Surveys</b>	0	0	0	\$0.00
	Subtotal of Hours	34	185	219	
	Subtotal of Dollars	\$2,001.92	\$10,907.52		\$6,355.30

<b>Task C - Acoustical Program Guidelines</b>		Hrs	Hrs	Subtotal hrs	Cost
Task C.1	<b>Develop Acoustical Testing Plan</b>	0	0	0	\$0.00
Task C.2	<b>Develop Program Acoustical Criteria &amp; Guidelines</b>	0	0	0	\$0.00
Task C.3	<b>Conduct Pre-Construction Acoustical Testing</b>	0	0	0	\$0.00
Task C.4	<b>Review Acoustical Treatment Concepts</b>	0	0	0	\$0.00
Task C.5	<b>Conduct Post-Construction Testing</b>	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00		\$0.00

<b>Task D - Architectural Services</b>		Hrs	Hrs	Subtotal hrs	Cost
Task D.1	<b>Conduct Building Code Review / Meet with Building Officials</b>	0	0	0	\$0.00
Task D.2	<b>Historical Coordination &amp; Review</b>	0	0	0	\$0.00
Task D.3	<b>Prepare Report on Regulatory Environment</b>	0	0	0	\$0.00
Task D.4	<b>Develop a HazMat Materials Testing &amp; Remediation Plan</b>	0	0	0	\$0.00

Task D.5	<b>Recommend Program Standards for Acoustical Treatments and Products</b>	0	0	0	\$0.00
Task D.6	<b>Conduct Site Assessment Visits</b>	0	0	0	\$0.00
Task D.7	<b>Prepare Existing Conditions Report</b>	0	0	0	\$0.00
Task D.8	<b>Prepare Design Concept Packets</b>	0	0	0	\$0.00
Task D.9	<b>Review Design Concept Packets with Homeowners</b>	0	0	0	\$0.00
Task D.10	<b>Finalize Design Concepts per Homeowner Review</b>	0	0	0	\$0.00
Task D.11	<b>Assist Broward County with Homeowner Agreements &amp; Avigation Easements</b>	0	0	0	\$0.00
Task D.12	<b>Prepare Draft Construction Contract Documents (90% Submittals)</b>	0	0	0	\$0.00
Task D.13	<b>Review Broward County's Standard Bid Documents</b>	0	0	0	\$0.00
Task D.14	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	\$0.00
Task D.15	<b>Estimate of Probable Costs</b>	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00		\$0.00

<b>Task E - Engineering Services</b>		Hrs	Hrs	Subtotal hrs	Cost
Task E.1	<b>Conduct Code &amp; Regulatory Reviews</b>	0	0	0	\$0.00
Task E.2	<b>Conduct Engineering Assessment Visits</b>	0	0	0	\$0.00
Task E.3	<b>Prepare Engineering Reports</b>	0	0	0	\$0.00
Task E.4	<b>Prepare Engineering Concepts</b>	0	0	0	\$0.00
Task E.5	<b>Prepare Engineering Documents for (90%) Construction Contract Documents</b>	0	0	0	\$0.00
Task E.6	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00		\$0.00

<b>Task F - Construction Administration</b>		Hrs	Hrs	Subtotal hrs	Cost
Task F.1	<b>Assist Broward County with Bid Advertisement / Schedule</b>	0	0	0	\$0.00
Task F.2	<b>Assist Broward County with Pre-bid Conference</b>	0	0	0	\$0.00
Task F.3	<b>Respond to Clarifications &amp; Prepare Addenda</b>	0	0	0	\$0.00
Task F.4	<b>Assist Broward County with Technical Review of Contractor Bids</b>	0	0	0	\$0.00
Task F.5	<b>Recommend Award</b>	0	0	0	\$0.00
Task F.6	<b>Conduct Pre-Construction Conference and Walk-Through</b>	0	0	0	\$0.00
Task F.7	<b>Review Contractor Submittals &amp; Work Schedules</b>	0	0	0	\$0.00
Task F.8	<b>Review &amp; Approve Contractor's Schedule of Values</b>	0	0	0	\$0.00
Task F.9	<b>Approve Contractor's Final Work Schedules</b>	0	0	0	\$0.00
Task F.10	<b>Coordinate Contractor Work Schedules with Homeowners</b>	0	0	0	\$0.00
Task F.11	<b>Inventory Materials at Contractor's Warehouse</b>	0	0	0	\$0.00
Task F.12	<b>Monitor Construction Unit Starts</b>	0	0	0	\$0.00
Task F.13	<b>Monitor Contractor Schedules / Work Progress</b>	0	0	0	\$0.00
Task F.14	<b>Attend and Conduct Weekly Construction Progress Meetings</b>	0	0	0	\$0.00
Task F.15	<b>Periodic On-Site Reviews</b>	0	0	0	\$0.00
Task F.16	<b>Review &amp; Process Contractor's Application for Payment</b>	0	0	0	\$0.00
Task F.17	<b>Review Weekly Payroll Records</b>	0	0	0	\$0.00
Task F.18	<b>Review &amp; Resolve Change Orders</b>	0	0	0	\$0.00
Task F.19	<b>Prepare Punch Lists</b>	0	0	0	\$0.00
Task F.20	<b>Certify Substantial Completion of Contractor's Work</b>	0	0	0	\$0.00
Task F.21	<b>Conduct Final Inspections</b>	0	0	0	\$0.00
Task F.22	<b>Coordination &amp; Distribution of Contractor's Markups</b>	0	0	0	\$0.00

Task F.23	<b>Closeout: Provide Final Change Order &amp; Warrantees, Etc.</b>	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00		\$0.00

<i>Total Hours</i>	62	199	261
	\$3,650.56	\$4,682.38	<b>\$8,332.94</b>

**Overhead (143%)**    \$5,220.30    \$6,695.80    **\$11,916.10**

**Sub-Total**    \$8,870.86    \$11,378.17    **\$20,249.03**

**Fee (10%)**    \$887.09    \$1,137.82    **\$2,024.90**

**Total Fee**    \$9,757.95    \$12,515.99    **\$22,273.94**

Direct Reimbursables

Travel ( hotels / car rental / per diem / mileage )	\$300.00
Printing/Publications/Courier/Telephone	\$0.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Center)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (50 Homes @\$225 per home)	\$0.00

**Total Expenses**    **\$300.00**

**Grand Total**    **\$22,573.94**



Project Team	Appraiser or Record / Principal	Associates Appraiser	Research Associate	Cost Estimator	Administrative Assistance
Hourly Rates	\$154.50	\$118.45	\$87.55	\$128.75	\$51.69

**PHASE II**  
**Attachment 1 - Early Action RSIP**

**Task A - Program Management**

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task A.1	Participate in Program Kick-off Meetings	0	0	0	0	0	0	\$0.00
Task A.2	Conduct Windshield (Housing Inventory) Survey	0	0	0	0	0	0	\$0.00
Task A.3	Develop Parcel Map & Database of Eligible Properties	0	0	0	0	0	0	\$0.00
Task A.4	Create Most Impacted Acoustical Ranking	0	0	0	0	0	0	\$0.00
Task A.5	Implement a Residential Sound Insulation Program Management System	0	0	0	0	0	0	\$0.00
Task A.6	Maintain & Update Database	0	0	0	0	0	0	\$0.00
Task A.7	Design, Manage and Update a Program Website	0	0	0	0	0	0	\$0.00
Task A.8	Select Residential Units	0	0	0	0	0	0	\$0.00
Task A.9	Prepare Early Action Program Schedule	0	0	0	0	0	0	\$0.00
Task A.10	Support Avigation Easement Program	0	0	0	0	0	0	\$0.00
Task A.11	Prepare & Update Monthly Progress Reports	0	0	0	0	0	0	\$0.00
Task A.12	Participate in Monthly Project Meetings with County / Airport	0	0	0	0	0	0	\$0.00
Task A.13	Day-to-Day Coordination with BCAD's Project Manager	0	0	0	0	0	0	\$0.00
Task A.14	Intra-Team Coordination & Meetings	0	0	0	0	0	0	\$0.00
Task A.15	Modifications to the Procedures Manual	0	0	0	0	0	0	\$0.00
Task A.16	Prepare FAA Compliance / Program Reporting	0	0	0	0	0	0	\$0.00
Subtotal of Hours		0	0	0	0	0	0	
Subtotal of Dollars		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

**Task B - Community Outreach**

		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task B.1	Provide an Onsite Homeowner Coordinator	0	0	0	0	211	211	\$10,906.59
Task B.2	Develop and Produce Homeowner Communication Materials / Program Documents	0	0	0	0	0	0	\$0.00
Task B.3	Design, Produce and Distribute Program Newsletters	0	0	0	0	0	0	\$0.00
Task B.4	Conduct Neighborhood Workshops	0	0	0	0	0	0	\$0.00
Task B.5	Conduct Homeowner Meetings	0	0	0	0	0	0	\$0.00
Task B.6	Conduct Soundproofing Surveys	0	0	0	0	0	0	\$0.00

	Subtotal of Hours	0	0	0	0	211	211	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$27,166.25		\$10,906.59

<b>Task C - Acoustical Program Guidelines</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task C.1	<b>Develop Acoustical Testing Plan</b>	0	0	0	0	0	0	\$0.00
Task C.2	<b>Develop Program Acoustical Criteria &amp; Guidelines</b>	0	0	0	0	0	0	\$0.00
Task C.3	<b>Conduct Pre-Construction Acoustical Testing</b>	0	0	0	0	0	0	\$0.00
Task C.4	<b>Review Acoustical Treatment Concepts</b>	0	0	0	0	0	0	\$0.00
Task C.5	<b>Conduct Post-Construction Testing</b>	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$21,813.18

<b>Task D - Architectural Services</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task D.1	<b>Conduct Building Code Review / Meet with Building Officials</b>	0	0	0	0	0	0	\$0.00
Task D.2	<b>Historical Coordination &amp; Review</b>	0	0	0	0	0	0	\$0.00
Task D.3	<b>Prepare Report on Regulatory Environment</b>	0	0	0	0	0	0	\$0.00
Task D.4	<b>Develop a HazMat Materials Testing &amp; Remediation Plan</b>	0	0	0	0	0	0	\$0.00
Task D.5	<b>Recommend Program Standards for Acoustical Treatments and Products</b>	0	0	0	0	0	0	\$0.00
Task D.6	<b>Conduct Site Assessment Visits</b>	0	0	0	0	0	0	\$0.00
Task D.7	<b>Prepare Existing Conditions Report</b>	0	0	0	0	0	0	\$0.00
Task D.8	<b>Prepare Design Concept Packets</b>	0	0	0	0	0	0	\$0.00
Task D.9	<b>Review Design Concept Packets with Homeowners</b>	0	0	0	0	0	0	\$0.00
Task D.10	<b>Finalize Design Concepts per Homeowner Review</b>	0	0	0	0	0	0	\$0.00
Task D.11	<b>Assist Broward County with Homeowner Agreements &amp; Avigation Easements</b>	0	0	0	0	0	0	\$0.00
Task D.12	<b>Prepare Draft Construction Contract Documents (90% Submittals)</b>	0	0	0	0	0	0	\$0.00
Task D.13	<b>Review Broward County's Standard Bid Documents</b>	0	0	0	0	0	0	\$0.00
Task D.14	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	0	0	\$0.00
Task D.15	<b>Estimate of Probable Costs</b>	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task E - Engineering Services</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task E.1	<b>Conduct Code &amp; Regulatory Reviews</b>	0	0	0	0	0	0	\$0.00
Task E.2	<b>Conduct Engineering Assessment Visits</b>	0	0	0	0	0	0	\$0.00

Task E.3	<b>Prepare Engineering Reports</b>	0	0	0	0	0	0	\$0.00
Task E.4	<b>Prepare Engineering Concepts</b>	0	0	0	0	0	0	\$0.00
Task E.5	<b>Prepare Engineering Documents for (90%) Construction Contract Documents</b>	0	0	0	0	0	0	\$0.00
Task E.6	<b>Prepare 100% Construction Contract Documents</b>	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0	0	0	0	0	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<b>Task F - Construction Administration</b>		Hrs	Hrs	Hrs	Hrs	Hrs	Subtotal hrs	Cost
Task F.1	<b>Assist Broward County with Bid Advertisement / Schedule</b>	0	0	0	0	0	0	\$0.00
Task F.2	<b>Assist Broward County with Pre-bid Conference</b>	0	0	0	0	0	0	\$0.00
Task F.3	<b>Respond to Clarifications &amp; Prepare Addenda</b>	0	0	0	0	0	0	\$0.00
Task F.4	<b>Assist Broward County with Technical Review of Contractor Bids</b>	0	0	0	0	0	0	\$0.00
Task F.5	<b>Recommend Award</b>	0	0	0	0	0	0	\$0.00
Task F.6	<b>Conduct Pre-Construction Conference and Walk-Through</b>	0	0	0	0	0	0	\$0.00
Task F.7	<b>Review Contractor Submittals &amp; Work Schedules</b>	0	0	0	0	0	0	\$0.00
Task F.8	<b>Review &amp; Approve Contractor's Schedule of Values</b>	0	0	0	0	0	0	\$0.00
Task F.9	<b>Approve Contractor's Final Work Schedules</b>	0	0	0	0	0	0	\$0.00
Task F.10	<b>Coordinate Contractor Work Schedules with Homeowners</b>	0	0	0	0	0	0	\$0.00
Task F.11	<b>Inventory Materials at Contractor's Warehouse</b>	0	0	0	0	0	0	\$0.00
Task F.12	<b>Monitor Construction Unit Starts</b>	0	0	0	0	0	0	\$0.00
Task F.13	<b>Monitor Contractor Schedules / Work Progress</b>	0	0	0	0	0	0	\$0.00
Task F.14	<b>Attend and Conduct Weekly Construction Progress Meetings</b>	0	0	0	0	0	0	\$0.00
Task F.15	<b>Periodic On-Site Reviews</b>	0	0	0	0	0	0	\$0.00
Task F.16	<b>Review &amp; Process Contractor's Application for Payment</b>	0	0	0	0	0	0	\$0.00
Task F.17	<b>Review Weekly Payroll Records</b>	0	0	0	0	0	0	\$0.00
Task F.18	<b>Review &amp; Resolve Change Orders</b>	0	0	0	0	0	0	\$0.00
Task F.19	<b>Prepare Punch Lists</b>	0	0	0	0	0	0	\$0.00
Task F.20	<b>Certify Substantial Completion of Contractor's Work</b>	0	0	0	0	0	0	\$0.00
Task F.21	<b>Conduct Final Inspections</b>	0	0	0	0	0	0	\$0.00
Task F.22	<b>Coordination &amp; Distribution of Contractor's Markups</b>	0	0	0	0	0	0	\$0.00
Task F.23	<b>Closeout: Provide Final Change Order &amp; Warrantees, Etc.</b>	0	0	0	0	0	0	\$0.00
	Subtotal of Hours	0.00	0.00	0.00	0.00	0.00	0	
	Subtotal of Dollars	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		\$0.00

<i>Total Hours</i>	0	0	0	0	211	211
	\$0.00	\$0.00	\$0.00	\$0.00	\$10,906.59	<b>\$10,906.59</b>
<b>Overhead</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<b>\$0.00</b>
<b>Sub-Total</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$10,906.59	<b>\$10,906.59</b>
<b>Fee</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	<b>\$0.00</b>
<b>Total Fee</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$10,906.59	<b>\$10,906.59</b>

Direct Reimbursables

Travel ( hotels / car rental / per diem / mileage )	\$300.00
Printing/Publications/Courier/Telephone	\$0.00
Field Office Rent, including utilities (for the first 2 months)	\$0.00
Field Office Fit-out / Furniture / Equipment (including Product Display Center)	\$0.00
Field Office - Monthly Operating Costs, excluding rent & utilities (for the first 2 months)	\$0.00
Indoor Air Quality Testing & Reporting (50 Homes @\$225 per home)	\$0.00

**Total Expenses** **\$300.00**

**Grand Total** **\$11,206.59**

## EXHIBIT F

### NOISE MITIGATION PROGRAM ASSISTANCE FORT LAUDERDALE HOLLYWOOD INTERNATIONAL AIRPORT Scope of Services

#### Phase II

#### Optional Services

1.0 - Assistance in obtaining funding sources

- Assist in preparing FAA-AIP grant, PFC or other applications, develop schedules for grant submittals, coordinate with BCAD staff, and assist in forecasting.

2.0 - Finalize Noise Mitigation Plan

- Assist BCAD with finalizing the Noise Mitigation Plan.

3.0 - Sound Insulation Program Selection of Units

- Create a list of potential eligible properties using GIS and County Property Appraiser data for the first phase of the Sound Insulation Program.

4.0 - Mobile Home Park Determination of Willing Seller

- Provide acquisition services related to the voluntary purchases of two (2) mobile home parks in compliance with the “Uniform Relocation Assistance Act”.

5.0 - Community Outreach Website

- Develop interactive website services to complement the airports public information and participation component of the Residential Sound Insulation Program

6.0 - Conduct Housing Absorption Study

- Update previous Absorption Studies.

<i>Optional Services</i>	<b>TUG</b>	<b>Earth Tech</b>	<b>Jones Payne Group</b>	<b>HMMH</b>	<b>Keith &amp; Associates</b>	<b>RCT</b>	<b>AirQuest</b>	<b>Dickey Consulting</b>	<b>Adrian Gonzalez</b>	<b>Task Totals</b>
Task Total	\$16,388	\$0.00	\$24,194	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,579.00	<b>\$50,161</b>
Hours	122	0	238	0	0	0	0	0	62	<b>422</b>