



INVITATION FOR BID (IFB)

GC2018092556-6992-5153: McKenzie House – Demo

DESCRIPTION: Furnish all required labor, materials and equipment necessary to provide Scope-of-Service at the described location. Work is being authorized by SynergyNDS as part of the TurnKey Recovery ProgramSM (Contractor Direct Repair Program) in limited partnership with the Florida Municipal Insurance Trust (FMIT).

LOCATION: McKenzie House | 17 E. 3rd Ct., Panama City, FL 32401

SUBMITTAL INSTRUCTIONS: For purposes of generating bid - IFB Packet includes scope specifications and bid sheet specific to referenced project

- Bids shall be received no later than 04/29/19 (emailed to bids@synergynds.com)
- Include Subject Line Reference: **GC2018092556-6992-5150: McKenzie House – Demo**
- Contractor is required to identify and validate all necessary task items, measurements/dimensions &/or other applicable conditions in support of described scope-of-work. Contractor's Bid is to account for all work to be performed in accordance to trade standards and as required by Ordinance & Law.
- Bid shall be completed and submitted using **ONLY** the **Contractor Submittal Form** (provided at the end of the IFB Packet).
- Bid award will be made based on best overall LUMP SUM project value as determined by SynergyNDS in accordance to market valuation, project demands &/or critical path. Factors other than price may affect the bid award, such as ability to complete work in allotted time, quality of work performed, criteria of the FMIT Member, or other contributing factors.
- Bids received after above deadline or that are not submitted in accordance to Submittal Instructions may be rejected.
- SynergyNDS reserves the right to modify this IFB at any time during the bid process. Notice to all bidders will be given.

RETURN BID TO:

SynergyNDS / Hurricane Michael Recovery
FMIT Turnkey Recovery Program
Attention: bids@synergynds.com

Request On-Site Project Visit by emailing hurricanemichael@synergynds.com



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SCOPE OF WORK: Scope includes labor, tools, equipment, PPE, materials, supervision, and insurance necessary to complete the work described in general below. All scope-of-work shall be completed in accordance to manufacture specifications, building codes and applicable industry standards. Work is to begin no later than 2 weeks from contract award notification. Work is to be completed within 14 days from project start date (or other agreed date in writing) excluding unforeseen conditions. Any concerns with timeline is to be discussed with onsite project manager and an email is to be sent to hurricanemichael@synergynds.com for contract documentation.

1. Demo:

- Demolition of interior affected areas per the attached IH scope.
- Areas to be demoed are to be confirmed with SynergyNDS.
- Contractor shall not demo any material which is not identified during walk-through without approval from SynergyNDS.
- Provide any required air scrubbers/dryers/etc. as need to complete the required work.
- Utilize anti-microbial growth prevention on required walls.
- Contractor is responsible for protecting contents from damage during demo.
- Contractor is responsible to protect contents from dust and debris created during demo.
- Contractor is responsible to completely clean the area up following removal of all required materials.
- Contractor shall provide all required PPE for workers.
- Contractor is to properly dispose of all material and waste into provided dumpster.



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TERMS & CONDITIONS:

- The contractor shall abide by all applicable federal, state, and local regulations and codes and building owner policies.
- Contractor is to obtain their own permits. Permits can be obtained by contacting EPCI.
- Contractor is required to call in for all required inspections.
- Contractor to abide by all applicable OSHA requirements and standards. Contractor shall require all employees to utilize proper PPE, including but not limited to: fall protection harnesses, hard hats, safety glasses, safety foot wear, and gloves.
- The contractor shall provide Material Safety Data Sheets (MSDS) to the industrial hygienist of record (IHC, Corp.) for chemical-based products that will be used including, but not limited to, glues, cleaners, solvents, anti-microbial products, sanitizing agents, etc. The industrial hygienist of record retains the right to not allow the use of any of the products selected.
- The contractor shall be responsible for supplying any and all necessary equipment to complete outlined scope of work. Which may include but is not limited to:
 - Dumpsters for any waste materials, debris, etc.
 - Storage containers for materials, cleaning equipment, machinery, etc.
 - Scaffolding. Scaffolding shall be OSHA approved and inspected prior to commencement of work.
- The contractor shall keep the Project Site and the surrounding areas free from the accumulation of waste materials, debris, etc. caused by operations performed under this Scope of Work. Upon completion, the contractor shall remove from Project Site, and surrounding areas:
 - Any waste materials, debris, etc. caused by completing the outlined Scope of Work.
 - Any tools, cleaning equipment, machinery, surplus materials originally furnished by the contractor
- The contractor shall be responsible for field verifying all conditions prior to implementation of this scope of work.
- The contractor shall provide and implement a site-specific health and safety plan to include hazard communication and related OSHA.



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- The contractor is responsible to ensure that any sub-contractors comply with the provisions and terms of this scope of work.
- The contractor is responsible for submitting project and associated contract documents (labor and materials cost rates, worker logs, incidence logs, insurance related documentation, list of completed scope list items, change orders and any written or documented deviations from the contract) each week and a final closeout report with the same information within 30 days after restoration project completion.
- If the contractor determines that deviations, modifications (change order or supplemental costs) from the initial scope-of-work are required, the Contractor shall submit a written request to SynergyNDS for review and approval prior to start of any additional work not otherwise included in initial BID. The written request will contain, at a minimum:
 - Reason for deviation or modification
 - Description of deviation or modification
 - Estimated time required for deviation or modification
 - Project cost addition or subtraction for deviation or modification
- The contractor is NOT responsible for any conditions or activities the building owner or employees implemented prior to their arrival to the job site. This includes removal of contents, equipment or personnel from the affected areas to the non-affected areas of the building.
- During the cleaning work, pre-existing damage to the building, building system failures, etc. may be found. If this occurs, the contractor will identify, document and record these deficiencies for review and consideration. The item shall be described, the location of the item shall be noted, the date the item was discovered and why the item was discovered. The contractor shall notify the Project Manager of any additional discoveries.

PAYMENT: Project is managed by SynergyNDS, Inc., under the FMIT Turnkey Recovery Direct Repair Program. Payment will be made directly from the Turnkey Recovery Contractor Direct Repair Program to the contractor(s) in accordance with described terms & conditions. At SynergyNDS, Inc.'s discretion, qualified contractors may be eligible for an upfront material deposit or progress payments as determined prior to BID AWARD.



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PAYMENT TERMS: Payments will be made after inspection and approval of work by SynergyNDS, City Building Official &/or Insurance Adjuster. Accurate invoices and required project documentation must be submitted to SynergyNDS for project audit prior to payment.

HOLD HARMLESS: To the fullest extent permitted by law, the Contractor/Vendor shall indemnify, defend, and hold harmless SynergyNDS, Inc, & FMIT, their officers, agents, employees, elected, and appointed officials, Insurance Representatives and volunteers from and against any and all claims, losses or liability, including attorney's fees, arising from injury or death to persons or damage to property occasioned by any act, omission, or failure of the Contractor/Vendor and any of its officers, agents, employees, and volunteers in satisfying the terms required by this contract.

RIGHT TO ACCEPT, REJECT AND WAIVE DEFECTS: FMIT &/or Contracting Agent reserves the right to: reject all quotations; waive formalities, technical defects, and minor irregularities; accept the quotation (if any) deemed most advantageous to and in the best interests of Insured Members of FMIT. Award will be based on price, contractor's daily performance capabilities, availability to provide the specified services when required &/or in accordance to critical path scheduling.

DAMAGES: Contractor will be held liable for any damage caused to the building and ancillary structure, and/or injury to the occupants resulting from the execution of the work or from not exercising proper precautionary protective measures. Any cost of repair/replacement resulting from damages shall be at the contractor's expense.

WORK-SITE PRACTICES:

- Contractor's workers, as well as the various trade contractors entering or leaving the work area, will all attend a site-specific safety meeting as well as daily safety meetings prior the scheduled work day.
- Contractor's workers entering or leaving the work area will don or remove personal protective equipment and clothing in the staging area outside of each work area.
- Waste materials transported from the bag out unit must be moved in a fashion that prevents spreading contamination outside the work area.



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WORKER PERSONAL PROTECTION EQUIPMENT: The National Institute for Occupational Safety and Health (NIOSH) provides the following interim guidelines and warnings to restoration workers.

- Steel toed leather boots should be worn. Tennis shoes or sneakers should *not* be worn because they will transfer contamination and will not prevent punctures, bites, or crush injuries.
- Goggles, safety glasses with side shields or full-face shields shall be used when performing restoration related activities that involve demolition, cutting or the use of ANY power tools. Sun/glare-protective lenses may be needed in some work settings. The use of goggles or protective eyewear should also be worn during the application of any cleaners, sanitizers or disinfectants.
- Soft hat or another protective head cover. Wear an American National Standards Institute (ANSI) rated hardhat if there is any danger of falling debris or electrical hazards.
- Hearing protection (when working in an environment with any noise that you must shout over to be heard).

Comfortable, form fitting, light weight clothing including long pants and a long-sleeved shirt or coveralls. Additional PPE, respiratory protection, or clothing may be required when specific exposure hazards are identified or expected at the work site. In some instances, the protective ensemble components (garment, boots and gloves) may need to be impervious to contaminated flood or other site-specific chemical, physical, or biological hazards. In all instances, workers are advised to wash their hands with soap and clean water, especially before eating or drinking. Protect any cuts or abrasions with waterproof gloves and dressings. The use of insect repellent, sun block and lip balm may also be required for some work environments. Drink plenty of bottled water and take frequent rest breaks to avoid overexertion.

THERMAL STRESSES: HEAT: Workers are at serious risk for developing heat stress. Excessive exposure to hot environments can cause a variety of heat-related problems, including heat stroke, heat exhaustion, heat cramps, and fainting. To reduce the potential for heat stress, drink a glass of fluid every 15 to 20 minutes and wear loose- fitting clothing. Additionally, incorporate work-rest cycles into work routines and when possible distribute the workload evenly throughout the day.

****Temporary cooling to the work areas shall only be authorized by the owner's representative based on the actual need for the work being performed. Where the conditions allow for the operation of part or all of the ventilation systems serving the work area then the need for temporary cooling is NOT necessary. The work area should be maintained at conditions that meet OSHA requirements for health and safety.****



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WORKING IN CONFINED SPACES: If you are required to work in a boiler, furnace, pipeline, pit, pumping station, septic tank, sewage digester, storage tank, utility vault, well, or similar enclosure, you should be aware of the hazards of working in confined spaces. A confined space has one or more of the following characteristics:

- limited openings for entry or exit;
- unfavorable natural ventilation; or
- Is not designed for continuous worker occupancy.

Toxic gases, a lack of oxygen, or explosive conditions may exist in the confined area, resulting in a potentially deadly atmosphere. Because many toxic gases and vapors cannot be seen or smelled, never trust your senses to determine if safe entry is possible. **Never** enter a confined space unless you have been properly trained, even to rescue a fellow worker! If you need to enter a confined space and do not have the proper training and equipment, contact your local fire department for assistance.

CONTRACT IMPLEMENTATION: Contract will be awarded upon review of all bids and proposals received by SynergyNDS. Initiation of contract is engaged upon written bid award letter. At such time, Contractor signed Request for Service Pricing (RFP) will serve as Contract. Complete Contract engagement will occur upon SynergyNDS receipt of all required documentation including but not limited to:

- Certificate of General Liability Insurance
- Certificate of Auto Insurance
- Builder’s Risk Insurance
- Certificate of Worker’s Compensation or Letter of Exemption
- Contractor’s W-9
- State Licenses

Further description of insurance requirements is listed in “Insurance & Licensing Requirements.”

ASSIGNMENT OF CONTRACT: Contractor shall not assign the contract or any part thereof to any person, firm, corporation or company unless such assignment is approved in writing by the Purchasing Agent. Such acceptance shall be at the sole discretion of the SynergyNDS upon request of the Contractor. Upon approved and executed written authorization, Contractor will be responsible for coordination of work with other trades. Failure to coordinate this work shall not constitute additional cost as governed by the Lump Sum Contract Award.



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ASSIGNMENT OF CONTRACTOR: Contractor is responsible for supplying all required Personal Protective Equipment (PPE), including but not limited to the furnishing and appropriate use of: hard hat(s), safety glasses, face shields, ear plugs, gloves, boots, fall protection (where required), breathing protection (where required), tie off ropes/apparatuses/points (where required), fire extinguishers, first aid kits, etc. Contractor is required to be familiar with and follow all OSHA, State of Florida and Bay County safety requirements.

Contractor is to hold daily jobsite safety meetings that review the work to be performed, the hazards involved and the methods for reducing and eliminating such hazards, as well as maintain meeting records, - including attendance lists, which shall be kept onsite and available for SynergyNDS review at all times. Contractor shall be solely liable for any and all OSHA violations associated with his/her employees.

SynergyNDS reserves the right to hold weekly progress meetings for which the Subcontractor shall attend. Contractor shall be responsible for daily cleanup of the work performed herein. Failure to cleanup daily after trade will result in cleanup supplementation at Contractor's cost. Twenty-Four (24) hour notice will be given prior to supplementation. Contractor shall be responsible for delivery, loading, unloading, storage, protection, etc. of all work provided herein.

ENERGY EFFICIENCY: The Contractor shall comply with all mandatory standards and policies relating to energy efficiency which are contained in the energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub.L. 94-163) for the State in which the work under this contract is performed.

PROCUREMENT OF RECOVERED MATERIALS: (a) In accordance with Section 6002 of the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act, the Contractor shall procure items designated in guidelines of the Environmental Protection Agency (EPA) at 40 CFR Part 247 that contain the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition. The Contractor should procure items designated in the EPA Guidelines that contain the highest percentage of recovered materials practical unless the Contractor determines that such items: (1) are not reasonably available in a reasonable period of time; (2) fail to meet reasonable performance standards, which shall be determined on the basis of the guidelines of the National Institute of Standards and Technology; (3) are only available at an unprofitable price.

FAILURE TO COMPLY: For failure to deliver in accordance with specifications, SynergyNDS may cancel the contract or any part thereof and purchase services on the open market, charging any additional cost to the Contractor. Contractor shall comply with all applicable state, federal and local codes, and pay all permits, licenses and certificates, and other fees as required by the work.



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INSURANCE & LICENSING REQUIREMENTS: Before starting work, the Contractor will provide SynergyNDS proof of Worker's Compensation and Commercial and Public Liability Insurance. The Contractor must be licensed to do business in the State of Florida and SynergyNDS must be named as an additional insured on general liability insurance certificate.

The Contractor will carry Worker's Compensation Insurance for all employees engaged in work at the site, in accordance with State or Territorial Worker's Compensation Laws.

Commercial and Public Liability with bodily injury and property damage limits will be at a combined single limit of at least \$500,000 to protect the contractor and each subcontractor against claims for injury to or death of one or more persons.

Automobile Liability on owned and non-owned motor vehicles used on the site(s), or in connection with the sites, for a combined single limit for bodily injury and property damages of not less than \$500,000.00 per occurrence.

Builder's Work Insurance limit of at least \$5,000.00 per occurrence and \$10,000.00 aggregate.

Professional Liability \$1,000,000 per occurrence (if applicable).

Contractor will not allow insurance coverage to lapse and will provide Turnkey Recovery Project Manager with updated Certificates of Insurance as necessary. All policies must provide that at least thirty (30) days' notice of cancellation will be given to the FMIT Project Manager and the contractor.

The certificate holder(s) must be noted as:

Synergy NDS, Inc.
1400 Sarno Rd
Melbourne, FL 32935

Florida Municipal Insurance Trust
125 E. Colonial Dr.
Orlando, FL 32801



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This DOES NOT represent a commitment to buy. Any ACTUAL order resulting from this solicitation will be confirmed by Contract Engagement.

CONTRACTOR SUBMITTAL FORM

Company Name _____

Address: _____

City _____ State _____ Zip _____

Phone No _____ Email _____

I, the undersigned, have read and understood all applicable Terms & Conditions as described in the IFB Packet preceding the attached Contractor Submittal Form.

Company Contact _____ Title _____

Signature: _____ Date: _____

LUMP SUM PROPOSAL – SUBMITTAL DEADLINE 4-29-19

031001 (McKenzie House) – Demo \$ _____

Required or Requested Material Deposit \$ _____

RETURN BID TO:

SynergyNDS / Hurricane Michael Recovery

Email: bids@synergynnds.com

Include Email Subject Line Reference: GC2018092556-6992-5153: McKenzie House– Demo



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IHC - Moisture and Mold Evaluation Report

Date: 11/17/2018

PROJECT DETAILS

Project Name The McKenzie House
 Illustration of Property



Project Location Information
 Project Contact

Kurt Waterman, Director Field Operations
 SynergyNDS
 407.454.9195 Ext 705
 kwaterman@synergynds.com

Contact Phone
 Contact Email
 Contact Address

SynergyNDS
 1400 Sarno Road
 Melbourne, FL 32935

Date of Evaluation 11/14/2018
 Project Type: Mold Remediation Scope Evaluation
 Property Occupied Yes
 Occupant Complaints: No

MOISTURE AND MOLD DAMAGE DETAILS

Type of Structure: Residential type structure
 Source of Water Loss: Roof leak
 Source of Water Loss Locations and Description: Hurricane Michael
 Date of Water Loss or Damage: 10-10-18
 Source of Water Intrusion Corrected? Unknown
 IICRC S500 Category Water Loss: Category 2 - Gray Water
 Visual Water Damage Present: Yes
 Visual Mold Growth Present: Yes
 Visual Water Staining Present: Yes
 Musty Odors Present: Yes
 Structure Damaged: No
 Contents Impacted or Affected: No
 Contents Decontaminated: No
 Demo Debris Present: No
 Substrates / Structure Clean: No



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IHC - Moisture and Mold Evaluation Report

Date: 11/17/2018

PHOTOGRAPHIC DOCUMENTATION

Photo Description Room 1 visual water damage on ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo

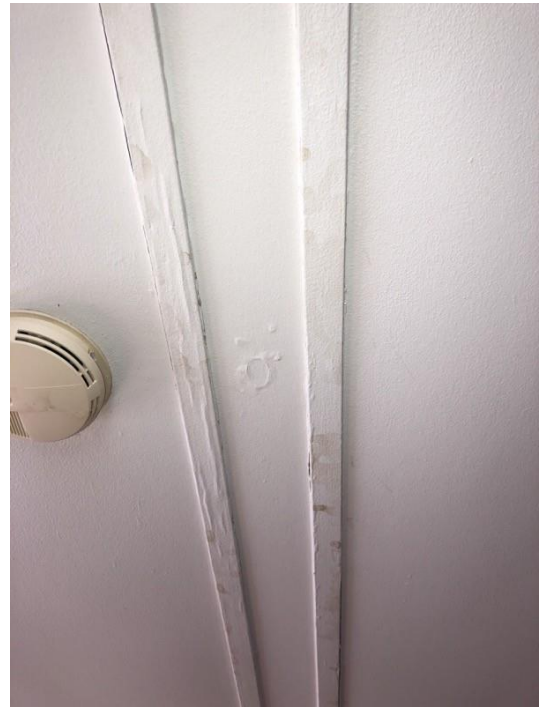


Photo Description Rm 1 visual water damage on walls and ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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IHC - Moisture and Mold Evaluation Report

Date: 11/17/2018

Photo



Photo Description

Upstairs hallway visible mold growth and water damage on ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Additional photo for room 1

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Room 2

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Room 2 visible mold growth and water damage on ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Room 2 visible water damage to the base board under windows

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Room 2 additional photo for visible water damage on ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Upstairs foyer visible water damage on ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Additional photo for upstairs foyer visible water damage to ceiling and walls

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Additional photo for upstairs hallway
visual water damage

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Additional photo for upstairs hallway .

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Top of stairwell Visual water damage and visual mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Stairwell walls with visible water damage

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Stairs with visible water damage

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Photo

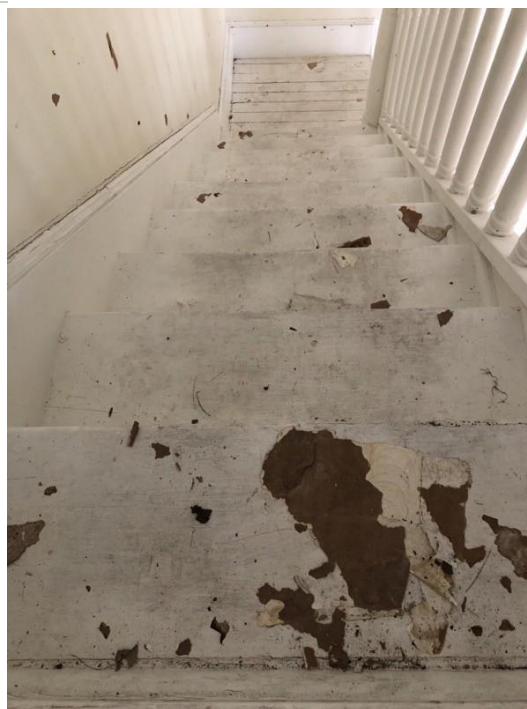


Photo Description

Library visual mold growth on typewriter

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Library

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Library chair number one visible mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo

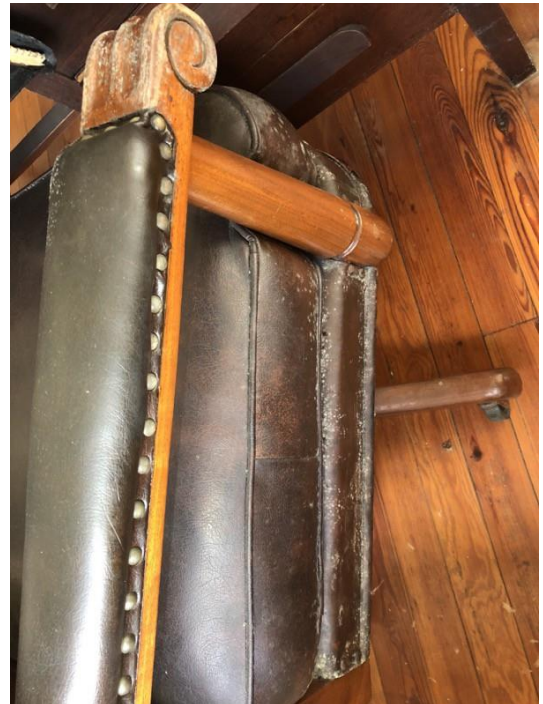


Photo Description

Library desk visible water damage and mold growth. Also wood floor is water damaged.

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Library chair with visible mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Library chair number three visual water damage and visual mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Library books, Majority of library books have visual mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo

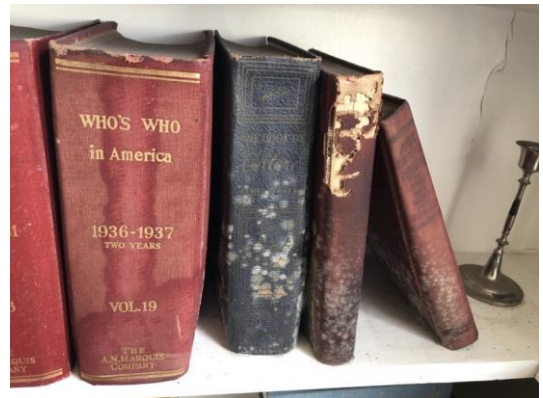


Photo Description

Library credenza with visual water damage underneath window

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Library sealing visual water damage

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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IHC - Moisture and Mold Evaluation Report

Date: 11/17/2018

Photo



Photo Description

Additional photo for library ceiling visual water damage and mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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IHC - Moisture and Mold Evaluation Report

Date: 11/17/2018

Photo



Photo Description

Dining room visual water damage to ceiling and walls

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Dining room visual water damage and mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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IHC - Moisture and Mold Evaluation Report

Date: 11/17/2018

Photo



Photo Description

Dining room doorway frame visual water damage

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

kitchen no visual water damage or mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Downstairs bathroom visual water damage and mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Additional photo for downstairs bathroom

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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IHC - Moisture and Mold Evaluation Report

Date: 11/17/2018

Photo

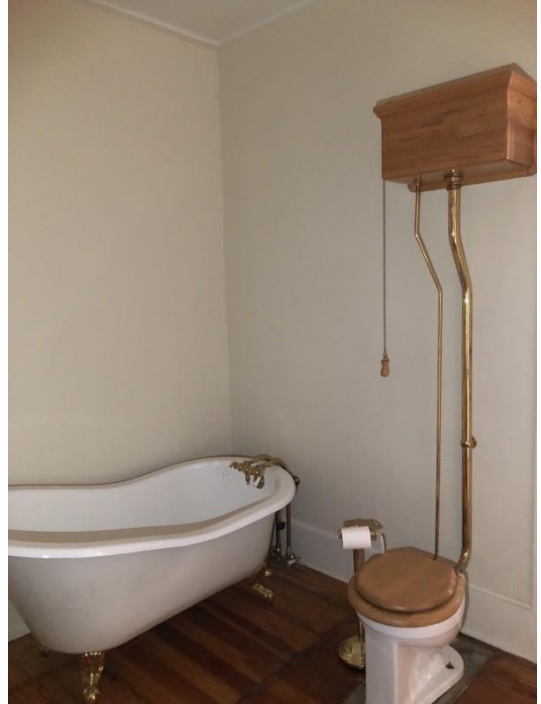


Photo Description

Downstairs storage room no visible water damage or mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Sunroom

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Sunroom visual water damage to ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Sunroom visual water staining on sealing

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Sunroom additional photo visual water damage to ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Sunroom visual water damage on walls

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Fireplace room

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Fireplace room visual water damage to ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Fireplace room visual water damage to ceiling.

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Fireplace room visual water damage to walls

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Entryway staircase visual water damage and mold growth

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Main entryway ceiling visual water damage

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Above main entryway visual water damage

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 11/17/2018

Photo



Photo Description

Main entryway visual mold growth and water damage on wood flooring

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

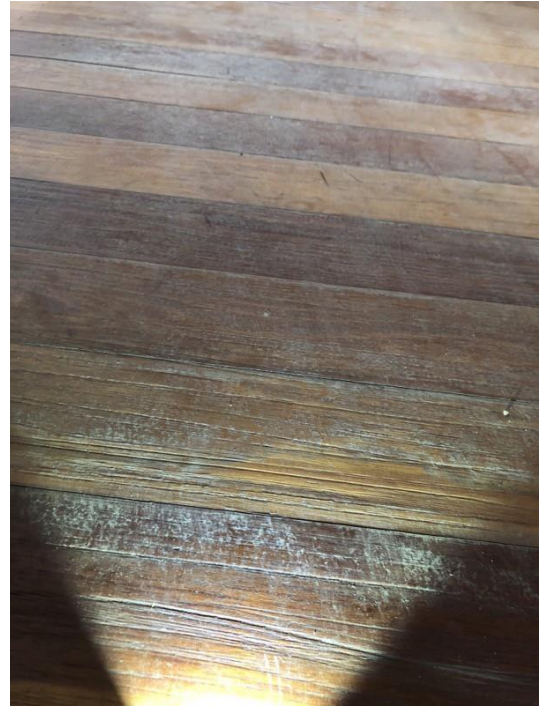


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Photo



FUNGAL AIR TESTING RESULTS (APPENDIX A)

Fungal Air Testing Performed? No

CONCLUSIONS / SUMMARY OF FINDINGS

Based on the moisture and mold evaluation, IHC concludes the indoor environment within the property does have significant signs of visual water intrusion, water damage and visual mold growth contamination present. Musty odors in the building may also be indicative of mold, biological growth or microbial amplification, which was visually identified on the building materials within the property.



Areas of Concern:

Throughout the interior of the property - 90-95% of the interior is impacted

Building materials impacted:

Ceilings, walls, flooring, built-in cabinets, stairwell



The primary source of the water intrusion damage appears to be due to roof leaks, window and exterior wall envelope leaks and related water infiltration into the property.



RECOMMENDATIONS:

IHC recommends removing the water damaged and mold contaminated finished building materials from the impacted areas of the property. The remediation or removal should include the non-restorable and porous building materials as outlined below. This work should be performed under isolation containment consistent with the procedures outlined by the IICRC S520 standard for professional mold remediation. The remaining structure or substrates such as wood or metal framing, concrete materials and exposed foundation related materials should be physically cleaned using HEPA vacuuming techniques along with scrubbing the surface with a mild detergent solution prior to being disinfected with an approved product. It may also be necessary to encapsulate or seal the cleaned and disinfected substrate with an anti-microbial coating.



Areas and Materials of Specific Concern for Remediation:

- Interior (Main Level) – Remove the water impacted ceilings, ceiling insulation, wall materials and wall insulation in all rooms.
- Interior (Stairwell and Upper Level) – Remove the water impacted ceilings, ceiling insulation, wall materials and wall insulation in all rooms.
- Wood floor and ceramic tile flooring (upper level bathroom) should be restored in place.

IHC recommends performing structural drying of the exposed wood framing and foundation structure in the previously water impacted areas of the building in order to restore these materials to a pre-water loss condition. This includes the use of air movers and dehumidification equipment as well as directed heat drying in order to properly dry the structure out.



The porous or soft contents with visual mold growth present should be removed and disposed of. Any hard surface or non-porous contents including finished furnishings, plastics, glass, stainless steel, chairs, desks, etc. and related should be surface cleaned using HEPA vacuuming techniques and wet wiping techniques then should be treated or sprayed with an approved disinfectant.





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Date: 11/17/2018

Once the restoration and remediation are completed, it is recommended to perform a post restoration / remediation verification (PRV) inspection and testing to ensure the work was properly performed and the quality of the indoor environment is restored to a pre-water loss and mold contamination condition. The PRV evaluation is intended to ensure the restored or remediated indoor environment is environmentally acceptable and safe for reoccupancy per the IICRC S500 and S520 standards.



STANDARD OF CARE

Information provided in this document is based upon current and generally recognized scientific and technical understanding of the issues presented. Indoor air quality problems such as sick building syndrome (SBS) can have many causes and, sometimes, these causes are not readily apparent. In addition, some causes may be masked or hidden by conditions or activities in the building. As a result, the conclusions and recommendations do not guarantee that all factors have been identified and that all issues will be resolved if the recommendations are implemented. The conclusions and recommendations made in this document are our professional opinion and are based on the observations made and conditions present at the time of the investigation, discussions with individuals involved, and the results of tests and/or measurements performed. Following or implementing the recommendations does not provide complete protection from future building occupant irritation or possible health consequences that may be caused by indoor environmental conditions. No warranty is implied or intended. The report prepared by Consultant and all written documentation created by Consultant are Consultant's work product and protect by US Copyright law (17 USC 101 et seq). Provided Owner is not in material breach of this Agreement and has paid all amounts due to Owner hereunder, Consultant grants to Owner a perpetual license to use the report.

Evaluation Performed By:	Slade Smith - IHC, Corp - RPIH, AIEH, RCI
Date Evaluation Performed	11/15/2018
Time Evaluation Performed	13:03



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Date: 04/09/2019

PROJECT DETAILS

Project Name McKenzie House
 Illustration of Property



Project Location Information

Project Contact

Kurt Waterman, Director Field
 Operations SynergyNDS
 407.454.9195 Ext 705
 kwaterman@synergynds.com
 SynergyNDS

Contact Phone

Contact Email

Contact Address

1400 Sarno Road
 Melbourne, FL 32935

Date of Evaluation

04/09/2019

Project Type:

Restoration / Remediation Scope of Work
 Development

Property Occupied

No

Occupant Complaints:

No

MOISTURE AND MOLD DAMAGE DETAILS

Type of Structure:	Residential type structure
Source of Water Loss:	Roof leak
Source of Water Loss Locations and Description:	Hurricane
Michael Date of Water Loss or Damage:	10-10-18
Source of Water Intrusion Corrected?	Unknown
IICRC S500 Category Water Loss:	Category 2 - Gray Water
Visual Water Damage Present:	Yes
Visual Mold Growth Present:	Yes
Visual Water Staining Present:	Yes
Musty Odors Present:	Yes
Structure Damaged:	No
Contents Impacted or Affected:	No
Contents Decontaminated:	No
Demo Debris Present:	No
Substrates / Structure Clean:	No



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IHC - Moisture and Mold Evaluation Report

Date: 04/09/2019

PHOTOGRAPHIC DOCUMENTATION

Photo Description

Rear porch water damage

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo

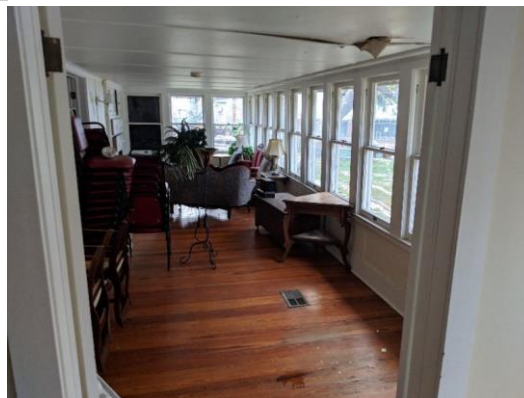


Photo Description

Small bathroom with water damage to walls and ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Kitchen. No additional damage noted

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 04/09/2019

Photo



Photo Description

Dining area. Walls and ceiling are damaged

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Living room space with water damage to ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Stairwell with water damage to walls and ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Upper level landing with water damage to walls and ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Upper level hall closet near stairs. Water damage noted

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Upper level bedroom closet with water damage

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Photo



Photo Description

Upper level bedroom with water damage to ceiling

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



Photo Description

Upper level bedroom. Waterdamage noted to exterior walls

PHOTOGRAPHIC DOCUMENTATION (DETAIL)



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Date: 04/09/2019

Photo



Photo Description

Upper level bath with water damage to ceiling and walls

PHOTOGRAPHIC DOCUMENTATION (DETAIL)

Photo



FUNGAL AIR TESTING RESULTS (APPENDIX A)

Fungal Air Testing Performed?

No



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Evaluation Performed By:	Slade Smith - IHC, Corp - RPIH, AIEH, RCI
Date Evaluation Performed	04/09/2019
Time Evaluation Performed	08:56