



Indoor Environmental Systems Inc

100 Wood Hollow Drive
Cary, NC 27513

Invoice

Date	Invoice #
8/23/2021	5933

Bill To
Michael Trefzger 5128 Pine Hall Wynd Raleigh, NC 27604

PO	Terms	Due Date	Rep	Project # of days
CCSDemo	Due On Completion	9/2/2021	DR	2

Item	Description	Qt...	Amount
CC...	Closed Crawl Space with Mold Remediation: Insulation Removed (not replaced), Subfloor Treated, Foam/Foil Insulation Liner on Ground and Walls, Supply Vent, and Sump Pump. WARRANTIES: Lifetime Warranty that no toxic microorganisms shall penetrate or emerge from a CleanSeal treated surface. 10 yr warranty on material. 1 yr renewable no condensation. Annual Healthy Home Service is available. NOTE: The crawlspace is not designed to prevent plumbing breaks or rain water flooding (call for water diversion services). NOTE: Your Crawlspace will NOT meet code without insulation in the subfloor or on the foundation walls. 1) Containment - Keep mold and fiberglass from entering the living area: ☐ Turn off AHU, place HEPA air scrubber in the living area ☐ Use exhaust fan in foundation vents to depressurize the crawlspace while work is being performed 2) Seal subfloor penetrations with expanding foam: ☐ Air seal plumbing, electrical and HVAC floor penetrations where accessible 3) Demolition - Remove water & mold affected items from the crawlspace and deliver to land fill: ☐ SUBFLOOR INSULATION REMOVED ☐ Moisture barrier(s) removed NOTE: Insulation NOT Replaced 4) Preparation - Remove visual colonized mold growth: ☐ Floor joists & Subfloor ☐ Wet wipe the air ducts & AHU, if applicable 5) Resurfacing - Spray the exposed floor joists with a non-toxic, odorless, breathable plastic coating (CleanSeal Detox - Low VOC & Low Odor): ☐ Apply CleanSeal Detox with white tint to exposed floor joists and exposed wood surfaces (over-spray and drip-lines will occur on the air ducts, plumbing and electrical) ** Manufacturer's lifetime warranty of no toxic mold growth **	1,300	8,500.00T

Closed Crawl Space

Total

Payments/Credits

Balance Due

9192349802	iesnc123@gmail.com	www.indoorenviro.com
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	6) Seal perimeter wall penetrations with fire-resistant expanding foam sealant: ___ Foundation vents - tar paper, expanding foam and cover with Foil/Foam ___ Sill plate sealed with open-cell expanding foam ___ Exterior wall plumbing and electrical penetrations 7) Insulation of ground and foundation walls using Foam/Foil (150 mil) radiant barrier - Provides moisture, radon, and temperature control - Handles installation micro-punctures better than 20 mil plastic while reflecting lost energy from the home back towards the living areas: ___ Foil/Foam insulation blanket on the ground & foundation walls ___ Attach to block wall - 3" below sill plate = Termite Viewport ___ Attach 4" up the support columns 8) Crawlspace access door - Door to be light and bug tight: ___ Install Foil/Foam insulation on back side of door ___ Double latch if needed NOTE: NOT replacing framing and door (additional charge if desired) 9) Runner from access door into crawlspace - Provides additional entryway protection and padding: ___ 12mil white plastic runner to AHU 10) Crawlspace supply vent with backflow damper - Provides conditioned air from the HVAC to keep the crawlspace dry: ___ Quantity: 1 (1 per 2000 sqft) NOTE: For humidity control without the use of HVAC system, consider a dehumidifier. Thermostat must be kept at or below 75 degrees during the cooling season for adequate crawl space drying with a crawl space supply vent. Call for options. **11) Drainage: Supply and install sump pump and basin as listed below 12) Insect sticky/trap plates provide non toxic removal of insects.		

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SPI	**Supply & Install Sump Pump - 3 year warranty ___ Install below grade tank, sump pump, plumbing and check valve NOTE: New outlet is required. Electrical not included. IES can coordinate with electrician. Electrician will bill customer directly. NOTE: Irrigation lines will need to be flagged by the homeowner or the company who installed them (if applicable). *THIS WARRANTY DOES NOT COVER: Labor or other costs incurred for diagnosing, repairing, removing, installing, shipping, servicing or handling of either defective parts, or replacement parts, or new units. It does not include any damages that may of occurred from the defective unit.	1	
FF...	Filtered Fresh Air Ventilation System (FFAVS): Improves indoor air quality through dilution and capture of radon, greenhouse gasses, pollen and mold spores before these pollutants enter your home. FFAVS also provides make-up air to counterbalance the clothes dryer, bathroom exhaust fans and stove exhaust which all push air out of your home causing unfiltered air to be sucked into your home. FFAVS is a crucial component when making your home tighter by sealing either the air ducts, attic and or crawlspace. ___ Install in a foundation vent at least 12" above ground ___ 1 Aluminum Exterior Grill fits a standard foundation vent - backflow damper - 6" Foil Flex R8 & collar with damper ___ 1 electrostatic filter ___ 4 carbon pre-filters (1 year supply) NOTE: Cost for FFAVS is priced in conjunction with crawlspace work. Additional charges may apply if performed at a later date.	1	500.00T

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Du...	15 YD Dumpster Rental NOTE: Dumpster rental includes [up to] 2 tons. If weight exceeds 2 tons, there will be an additional fee of \$55 / ton. NOTE: Price does not include switch out(s). Price will be adjusted after work is complete.	1	350.00T
Po...	Portable Toilet Rental Location: HOMEOWNER MUST SPECIFY NOTE: We highly recommend a portable toilet if you are having Mold Remediation completed, this will limit cross contamination into your home. IES will coordinate. Homeowner must specify location.	1	180.00T
De...	Design Time and Consultation: ____ Your project includes [up to] one hour of consulting, revisions and Q&A services. If Q&A goes over one hour additional charges will apply [\$75 per hour standard rate]. ____ IES is a mold remediation company and other trades or personnel are NOT permitted in the work areas during remediation due to health, safety and insurance coverage requirements. ____ IES will need to be the last contractor onsite for ALL crawl space and/or attic work for IES warranties to remain valid. ____ If other contractors will be involved in your project, IES will need to work with all parties to ensure effective 'on-the-job' timing, scheduling and coordination. If you need assistance with coordination for other contractors, products, and/or services, IES will gladly assist you. Our consultation fee is \$75.00 per hr for your project.		0.00
Cr...	Credit - Customer would like to return uHoo		-329.00
Cr...	Reimbursement for All Trade Service Call		-80.00
Cr...	Credit card/PayPal payments will incur a 3% surcharge.		0.00
	Sales Tax-Wake CO		661.27

Closed Crawl Space

Total	\$9,782.27
Payments/Credits	-\$3,889.00
Balance Due	<u>\$5,893.27</u>

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