



Living Wall PROPOSAL (WRAP PRO System)

Pricing is valid for 30 days. Acceptance upon deposit receipt

DATE:	February 11, 2026
CLIENT:	Friseta Davis Administrative Services Manager Utilities Department City of Cooper City 9070 SW 51st Street Cooper City, FL 33328-4227 Telephone: 954-434-2300 #304 Email: FDavis@coopercity.gov
SOURCE:	Call
ARCHITECT/DESIGNER	NA
GENERAL CONTRACTOR/ESTIMATOR:	TBD
PROPERTY MANAGER:	NA
PROJECT ADDRESS:	TBD: Cooper City



I. PROJECT INPUT

PROPERTY TYPE

- | | | | |
|--------------------------|----------------------|-------------------------------------|--------------------------------------|
| <input type="checkbox"/> | Residential | <input type="checkbox"/> | Restaurant |
| <input type="checkbox"/> | Commercial | <input type="checkbox"/> | Educational |
| <input type="checkbox"/> | Condo Building | <input type="checkbox"/> | Medical |
| <input type="checkbox"/> | Retail | <input type="checkbox"/> | Entertainment |
| <input type="checkbox"/> | Hospitality / Resort | <input checked="" type="checkbox"/> | Other: City Public access facilities |

BUILDING CONDITION / CONSTRUCTION STAGE

- | | |
|-------------------------------------|--|
| <input type="checkbox"/> | Project Planning Phase (Preconstruction) |
| <input type="checkbox"/> | New Construction |
| <input type="checkbox"/> | Renovation |
| <input checked="" type="checkbox"/> | Existing Building |

LIVING WALL APPLICATION

- | | |
|-------------------------------------|---|
| <input type="checkbox"/> | Interior: |
| <input checked="" type="checkbox"/> | Exterior: |
| <input type="checkbox"/> | Sun Exposure / Natural Lighting: TBD |
| <input type="checkbox"/> | Other |
| <input type="checkbox"/> | Short-term Event/Lease |

LIVING WALL DIMENSIONS

LIVING WALL SYSTEM	Description	Width (Feet)	Height (Feet)	Panel Layout	Number of Sections	Total Surface (SF)
WRAP PRO System	ALTERNARIVE 3	23'10"	13'	7.3 x 1.6 = 14 Panels	NA	PANEL SURFACE: 14 Panels = 378 SF
	LIVING WALL 1:					PLANTED SURFACE: 11.7 Panels = 316 SF

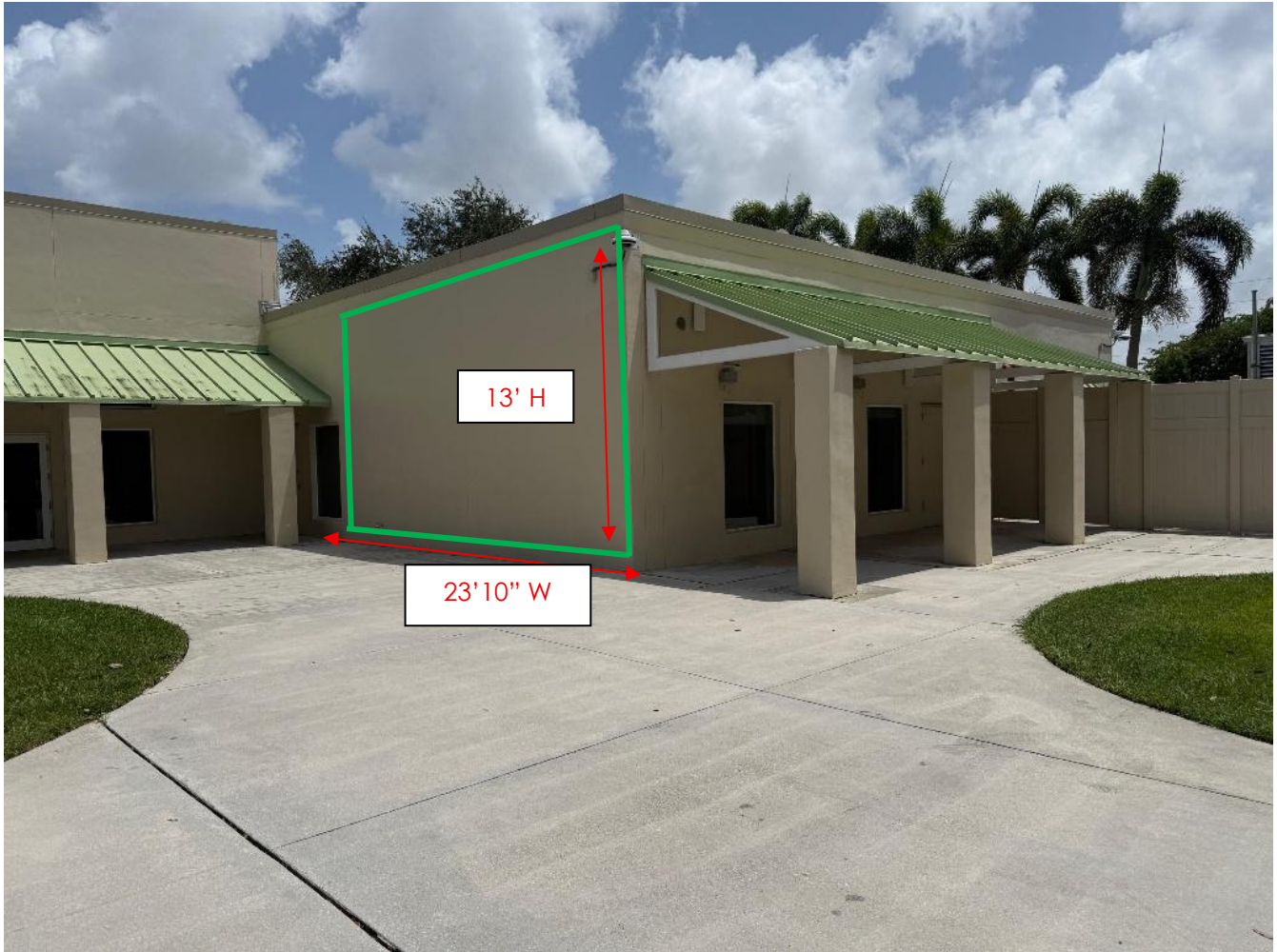
ASSUMPTIONS:

- The living wall and/or its sections are directly connected to the water line and drain line or open ground landscaping.
- There are no major construction obstacles and/or customization requirements.
- The general contractor has provided:
 - A waterline with sufficient pressure.
 - Water is not chemically treated and not "Sort Water".
 - A drainage line capable of accommodating the living wall.
 - Adequate space for the installation of required equipment and hardware.

NOTE: Any deviation from these assumptions may result in additional costs or adjustments to the project timeline.

II. SITE/ CLIENT IMAGES / INSPIRATION / RENDERINGS

The image indicates the total area. The exact placement of the vertical garden will be determined based on the approved dimensions.



III. PORTFOLIO

For more portfolio installations and behind-the-scenes videos and images, please visit:

INSTAGRAM: @miamiverticalgarden

WEBSITE: miamiverticalgarden.com





IV. AN OVERVIEW: WHAT YOU ARE GETTING

SYSTEM:

- 7-Year living wall system warranty.
- Proven, reliable, sustainable for INTERIOR & EXTERIOR applications.
- Soil-FREE hydroponic living wall system.
- Hydroponic growing medium: sphagnum moss does not dry as fast or leach as soil or soil-like substrates in potted containers/planters/trays. Sphagnum moss is a natural lightweight material that absorbs and stores up to 26 times its dry weight in water, creating a sustainable growing medium for long-term plant performance.
- Lighter weight compared to any soil-based living wall system.
- Waterproof, self-contained living wall panel.
- No surface moisture: moisture is absorbed by the growing medium and locked within the panel.
- No seasonal plant replacement needed.

IRRIGATION:

- Automated irrigation with precision on a calibrated timer.
- Advanced sweat irrigation vs. drip irrigation, ensuring even water distribution on vertical surfaces.
- Minimized water usage.
- No water dripping, misting, or spraying from any external or visible source; all irrigation lines are hidden within the living wall panel.
- No visible irrigation pipes or lines.
- No water accumulation or open water sources, unlike planter/container-based living walls.
- Seamless drainage setup.
- No overwatering, eliminating rotting smells.
- No mosquito accumulation or breeding due to no water stagnation.

DESIGN:

- Maximum plant selection based on project location.
- Immediate full look with no visible hardware or planting system. Plant material of 4"-6" pot size is used to create a lush, finished full look with years to mature.
- Variety of decorative custom framing.

LIGHTING:

- Special lighting ensures the success of installations. Lighting is required for all interior installations to promote healthy plant growth.

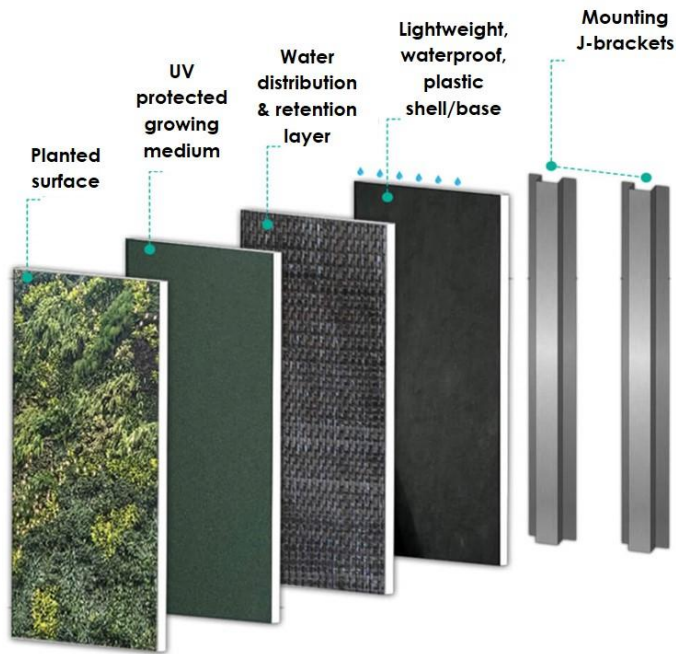
INSTALLATION:

- A living wall can be incorporated into the project at any point in time.
- Living wall panels are pre-planted at the nursery.
- 2-STEP installation on-site includes mounting brackets and setting up irrigation, followed by mounting the pre-planted panels.
- Transferable to an alternative location.

MAINTENANCE:

- 30-day complimentary post-installation monitoring and maintenance.
- Alternative maintenance packages (Monthly, Bi-Monthly).
- Exclusive Remote IQ Monitoring, collecting real-time data: moisture, temperature, and light.
- Minimum plant replacement rates.

V. PRODUCT SPECIFICATION



- Standard hydroponic (no soil) panel size: 3' 3" W X 8' 3" H.
- Plants per panel: 6 pockets x 16 rows, 96 pockets/plants, 4"-6" size planting material.
- Perimeter is framed by standard metal framing/trim. Custom framing is available upon request.





VI. STANDARD IRRIGATION EQUIPMENT REQUIREMENTS and SPECIFICATIONS

Below are the standard requirements for Miami Vertical Garden Inc. to integrate the living wall system into the building:

IRRIGATION:

- Irrigation Cycle: Fully automated and calibrated based on the installation size to ensure efficiency and uniformity.
- Water Supply:
 - Source must be from an irrigation water line.
 - If using a regular water line, a backflow preventer or check valve is mandatory and must be coordinated with the Technical Director.
- Piping Requirements:
 - Each living wall installation requires a dedicated ½" PVC line.
 - For multiple installations at one property, separate lines are required.
- Water Pressure: Minimum 35 PSI in the supply pipe.
- Waterline Location: Must be within either corner of the living wall's designated area.
- Irrigation Equipment Space:
 - Allocate 36" W x 48" H x 14" D space.
 - Provide an electric outlet in this location.

DRAINAGE

- Drainage:
 - Requires a ¾" PVC drain line connected to a nearby drain access.
- The system saturates the growing medium without creating consistent water flow.
- Residual Water Management:
 - A 6"H built-in drip tray/gutter collects residual water.
 - This water is efficiently drained to the sewer.

ASSUMPTIONS

- **Initial proposals default to an open-loop irrigation type, with the final system determined during the property visit, subject to budget approval.**
- **Miami Vertical Garden Inc. ensures flexible solutions tailored to each project.**

VII. SAMPLE IRRIGATION SET UP



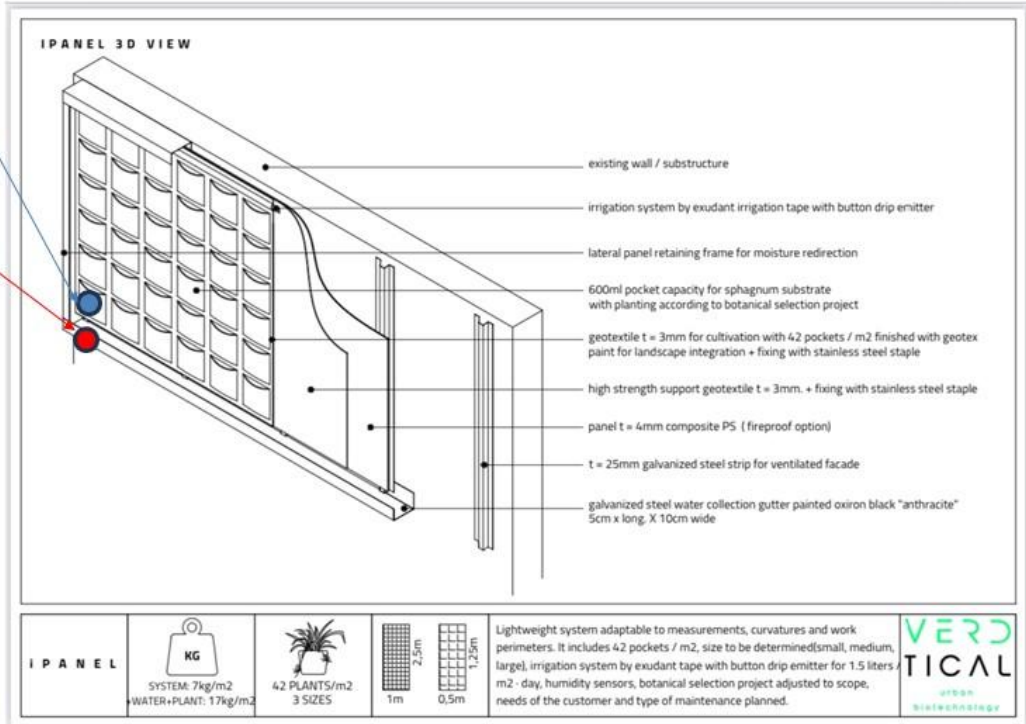
Irrigation and drainage location

WATER: 1/2" PVC water line
Located in any of 4 corners of the wall.

DRAINAGE: 3/4" PVC drain line, located within the gutter.
The gutters should have a pitch toward the drain line in either corner.

WEIGHT: Planted, saturated system weight: 3.7 lb / SF

WATER CONSUMPTION:
0.05-0.07 Gallon / SF / Day



WATER CONSUMPTION:
Exterior: 3 L/m²/day
Interior: 1.5-1.8 L/m²/day



VIII. RECOMMENDED LIGHT FIXTURES FOR INTERIOR INSTALLATION

SITE VISIT

A site visit and consultation with the project team are required to finalize the lighting specifications. This ensures the lighting setup is tailored to the project's unique needs, including optimal placement and performance.

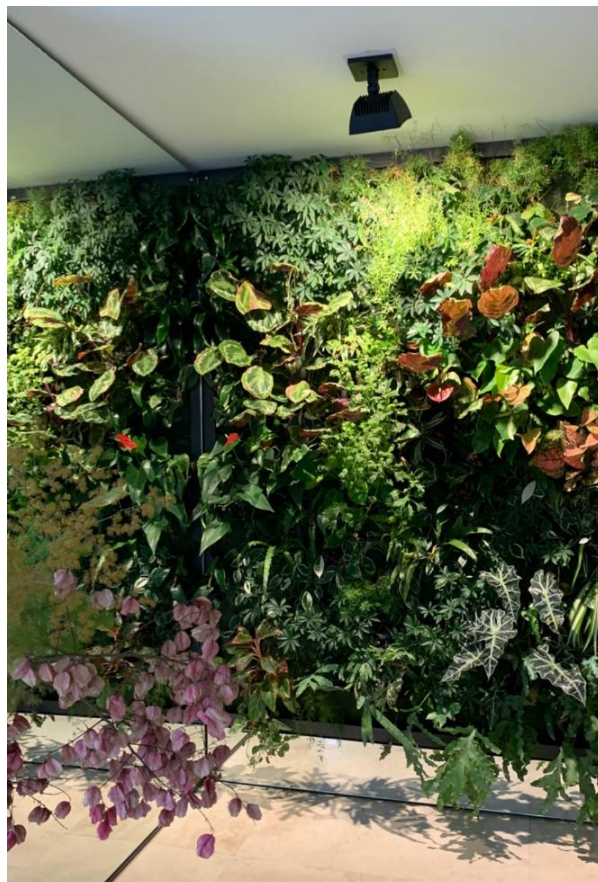
RECOMMENDED LIGHT FIXTURE

Brand: Juno

Key Features:

- Energy Efficiency: Utilizes ceramic metal halide lamps for reduced energy consumption.
- Voltage Options: Available in 120 or 277 volts to suit various installations.
- Focus Adjustment: Equipped with internal or wrench-lock focus for precise light direction.
- Accessory Cartridge: Allows for easy customization and accessory additions.
- Beam Options:
 - 17° Spot for focused illumination.
 - 36° Flood for broader light coverage.
- Safety: Includes a glass safety shield to protect the fixture and surroundings.
- Mounting Options: Flexible mounting solutions with three color choices:
 - Bronze
 - Black
 - White

This combination of energy efficiency, versatility, and safety ensures optimal lighting performance for interior installations.



IX. DECORATIVE FINISHING FRAMING / TRIM

STANDARD OPTIONS

- Side Framing and Gutter: Uniform design with a standard Bronze color.

CUSTOMIZATION

- Decorative Framing and Colors: Custom options are available upon request and are subject to additional costs. This allows for personalized aesthetics to align with the project's design requirements.



Trim Width (Front view)



Trim Depth (Side view)

X. DESIGN & PLANT SELECTION

PLANT SELECTION CRITERIA

- The selection of plants is based on the specific requirements of the installation location, including factors such as sun exposure and natural lighting.

PLANT DETAILS

- A variety of 4-6-inch pot tropical plants are utilized to ensure a lush and vibrant appearance.
- The selection process incorporates more than 50 top-performing plant species specifically curated for living walls.

ESTIMATE AND DESIGN PROCESS

- The plant selection does not impact the project estimate.
- Once the project is approved, the Design Questionnaire captures the client's preferences. These preferences are integrated into the final design while adhering to site-specific factors.

NOTE: This is not a design proposal but an overview of the plant selection approach to ensure optimal performance and aesthetics for living walls.

XI. LIVING WALL DESIGN QUESTIONNAIRE

Design Style Selection Form



QUESTION 1: Overall Style

- Organic / Tropical vs.
- Clean line / Structured



QUESTION 2: Visual Dimensions

- Flat Design
(Minimum plant variety, typically the variety of the same plant specie, not shown) vs.
- 3-D Design
- Specific Shape
(Example: Heart)



QUESTION 3: Color Palette

- Colors to use, when possible, based on sun exposure
- Colors to avoid (as per Client's feedback)
- Integration of other Design Elements



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XII. OUR PROCESS



XIII. MAINTENANCE:

SPECIALIZED SERVICE

- Living wall maintenance is a specialized service and should not be treated as standard landscaping, particularly regarding irrigation control and system optimization.

REMOTE MONITORING

- IQ Technology: Enables remote monitoring of the three most critical factors for living wall health:
 - Moisture: Ensures consistent hydration of the growing medium.
 - Temperature: Maintains optimal environmental conditions for plant growth.
 - Lighting: Monitors light levels to ensure the plants receive adequate exposure.
- Benefits
 - Eco-System Control: Provides comprehensive oversight of the living wall's conditions.
 - Water Conservation: Minimizes water usage through precise irrigation.
 - Plant Health: Reduces plant failure and replacement rates by maintaining ideal conditions.

This cutting-edge technology ensures the long-term success and sustainability of your living wall installation.

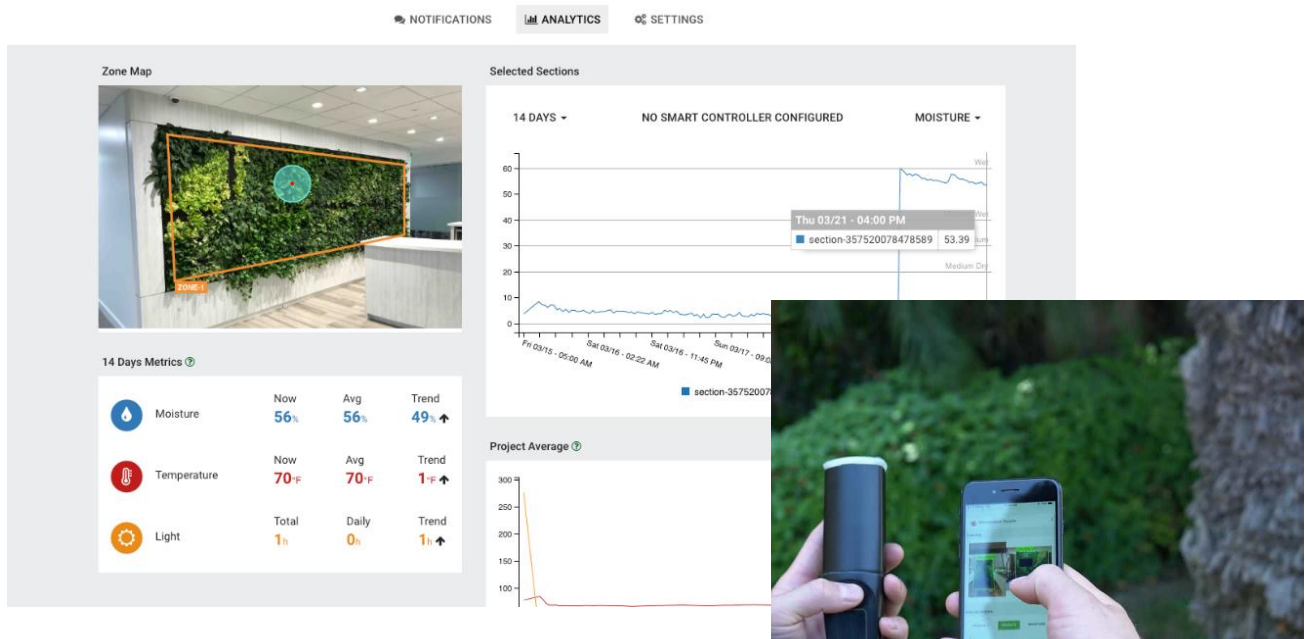
MAINTENANCE PLAN OVERVIEW

- Detailed terms and conditions are outlined in a separate document titled "Maintenance Plan."

MAINTENANCE OPTIONS

Miami Vertical Garden Inc. offers alternative maintenance packages to suit varying client needs:

- **Monthly Maintenance:**
 - Includes remote monitoring.
 - Preferred by residential clients.
 - Offers a Full-Service Warranty for comprehensive coverage.
- **Bi-Monthly Maintenance:**
 - Recommended for large-scale commercial property installations.
 - Limited Warranty.





XIV. ESTIMATE: TURN-KEY LIVING WALL INSTALLATION:

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SOURCE:	Call
ARCHITECT/DESIGNER	NA
GENERAL CONTRACTOR/ESTIMATOR:	TBD
PROPERTY MANAGER:	NA
PROJECT ADDRESS:	TBD: Cooper City

Wrap PRO System				
Item	Description	Quantity	Rate	Total
Pocket-based Hydroponic Wrap PRO System	Per square foot.	378	\$66.00	\$24,948.00
J-brackets, Standard Gutter, and Trim/Framing	System element to attach living wall panels to the wall and perimeter framing. Standard metal trim/framing included. Custom framing (material or color) is TBD and priced separately. Additional fees may apply if major customization is required.	1	\$3,400.00	\$3,400.00
Free-standing structure	NA	1	\$0.00	\$0.00
Complete Irrigation System	Includes irrigation equipment set and standard gutter. Custom gutter is TBD and priced separately.	1 system	\$2,500.00	\$2,500.00
Decorative Perimeter Trim/Framing	As per project design.	TBD with GC	\$0.00	\$0.00
Plant Material: Living Wall Tropical Assortment based on the sun exposure	Average of 4 plants per square foot.	316	\$35.00	\$11,060.00
Planting Labor	Planting labor per square foot.	316	\$12.00	\$3,792.00
Installation Labor	Installation labor per square foot, includes panel customization.	378	\$15.00	\$5,670.00



Material Delivery	Delivery fee for Miami-Dade and Broward counties.	1	\$850.00	\$850.00
Scaffold (when applicable)	As per project needs, to be determined with general contractor (GC).	TBD with GC	\$0.00	\$0.00
Design Fee	Flat fee for design services.	1	\$550.00	\$550.00
Lighting	Recommended for all interior installations. Not included in this estimate.	TBD with GC	\$0.00	\$0.00
Plumbing Labor	MVG will connect irrigation equipment to the provided water and drain lines in the designated "Equipment Box Area." Costs TBD if no general contractor is involved.	TBD with GC	\$0.00	\$0.00
Electric Labor	MVG will connect to the provided outlet in the designated "Equipment Box Area." Costs TBD if no general contractor is involved.	TBD with GC	\$0.00	\$0.00
Additional Input	Shop drawings, renderings, wind calculations, and insurance beyond standard are not included and priced separately when requested.	TBD	\$0.00	\$0.00
First Month Quality Control	Irrigation calibration to ensure full plant adaptation.	Complimentary	\$0.00	\$0.00
30-Day Post-Installation Remote Monitoring Service	Complimentary remote monitoring for 30 days post-installation.	Complimentary	\$0.00	\$0.00
30-Day Post-Installation Maintenance Service	Complimentary maintenance service for 30 days post-installation.	Complimentary	\$0.00	\$0.00
Customization Fee (Beyond Standard)	Any additional customization beyond standard is priced at 20% of the additional work required.	TBD	\$0.00	\$0.00
TOTAL				\$52,770.00



XV. ADDITIONAL TERMS:

PROJECT TIMELINE

- LEED Time: Estimated at 6-12 weeks, depending on inventory availability.

PAYMENT TERMS

- Deposit: 75% of the project cost is due upon signing the proposal.
- Balance: 25% of the project cost is due upon project completion.

LATE PAYMENT POLICY

- A 10% late fee will be charged monthly for payments not made within the 21-day payment cycle.

PROJECT CANCELLATION POLICY

- If the project is canceled after the proposal has been executed the 50% deposit is non-refundable.

INSTALLATION COMPLETION

- Targeted Completion Date: _____
- A written installation notice must be emailed to info@miamiverticalgarden.com 4 weeks prior to the expected turn-key completion date.
- Miami Vertical Garden Inc. will confirm the exact installation date in writing.

INSTALLATION DELAYS

- If the client delays the confirmed installation schedule for any reason:
 - A maintenance fee will be charged for storing and maintaining the living wall at the nursery.

XVI. ADDITIONAL PROJECT NOTES:

FOR ACCEPTANCE OF PROPOSAL PLEASE SIGN BELOW

CUSTOMER:

MIAMI VERTICAL GARDEN INC.

Name: _____

Name: _____

Title: _____

Title: _____

Signature: _____

Signature: _____

Date: _____

Date: _____

IMPORTANT! CLIENT: BE AWARE!

Over the past four years, we've received numerous requests to rejuvenate and service installations by other companies, often soil-based systems with drip irrigation and stackable plastic planters. The choice of a living wall system is critical for both short- and long-term success. Based on our expertise, consider the following key questions before making your decision:

1. **System Type:** Trays/planters with soil, pockets with soil, or hydroponic (soil-free)?
2. **Irrigation:** Drip vs. sweat irrigation—impacting water efficiency and distribution.
3. **Lighting:** Is additional lighting needed for interior installations?
4. **Installation Costs:** Are irrigation and plants included in the quote? Does it account for drainage and lighting?
5. **Maintenance Coverage:** Fixed-rate plans vs. service fees with variable plant costs.
6. **Maintenance Frequency:** Monthly service is essential and sufficient for consistent quality.
7. **Plant Replacement Rates:** How long will plants last without replacement?
8. **Plant Longevity:** Verify life expectancy with vendor-provided performance images.
9. **Warranties:** Understand system and equipment warranties versus plant warranties.
10. **Plant Selection:** Tailored to lighting and sun exposure to reduce replacements.
11. **Remote Monitoring:** Does the system support modern irrigation monitoring technologies?
12. **Drainage:** Is there a reliable setup to prevent stagnation and mold?
13. **First Maintenance Service:** Ensure early maintenance for long-term success.
14. **Emergency Procedures:** Is there a plan for system failures, like power outages?

Living wall installations are a luxury product requiring expert care. These questions will help you make an informed and justified decision.

