



Custom Procurement Report

Control How You Source Building Systems

Directly access suppliers and automate sourcing, procurement, and financing—all from one platform

Key Benefits

Save Time

Automate RFQs and reduce manual work by up to 50%

Cut Costs

Negotiate directly with suppliers for better deals

Streamlined Sourcing

Take BuildVision's structured data and send it to suppliers at BuildVision.io

Customer Information

Customer Name	Raymond Construction
Contact Person	N/A
Contact Email	N/A
Contact Phone	N/A

Project Information

Project Name	Everest Rehab
Location	Westover Hills, San Antonio, Texas 78251
Start Date	N/A
Completion Date	N/A
Budget	N/A
Scope	Everest Physical Rehabilitation Hospital 2-Story Prototype
Project ID	6a73eaf7-aa36-4e2d-9d17-2db71c8c5fa0
Project URL	BuildVision Project Link
Created	6/5/2025
Full Address	5010 Wiseman Boulevard San Antonio, TX 78251
Project Number	23030669
Contract Type	N/A
Bid Status	BuildingConnected Lead

Prepared By

Ben Lyddane
Ben@BuildVision.io
202-365-8628

Mackenzie Hoover
Mackenzie@buildvision.io
843-609-3265

Date: 2025-06-05

Project Equipment

Packaged Rooftop Air-Conditioning Units

Equipment Tag	Manufacturer	Model
RTU-1	Carrier	48LCRA20
RTU-2	Carrier	48JCSW06
RTU-3	Carrier	48LCRA24
RTU-4	Carrier	48LCSA12
RTU-5	Carrier	48LCSA09
RTU-6	Carrier	48LCSA12
RTU-7	Carrier	48LCSA14
RTU-8	Carrier	48LCSA14

Notes

Natural gas heat units with staged cooling and inverter compressors. All units equipped with economizers, demand control ventilation, and BAS compatible controllers.

Centrifugal HVAC Fans

Equipment Tag	Manufacturer	Model
EF-1	Loren Cook	165R08D
EF-2	Loren Cook	165R08D
EF-3	Loren Cook	90R17D
EF-4	Loren Cook	101R17D
EF-5	Loren Cook	135R17D
EF-6	Loren Cook	120R17D
EF-7	Loren Cook	135R17D
EF-8	Loren Cook	100SQN
EF-ISO1	Loren Cook	80 CPS
EF-ISO2	Loren Cook	80 CPS

Notes

Exhaust fans for various zones with direct drive motors and BAS controls. All fans equipped with gravity backdraft dampers and vibration isolation.

HVAC Power Ventilators

Equipment Tag	Manufacturer	Model
KEF-1	Greenheck	CUE-180

Notes

Kitchen exhaust fan with grease removal listing and direct drive motor.

Small-Capacity Split-System Air-Conditioners

Equipment Tag	Manufacturer	Model
AH-ELEC	Daikin Comfort Technologies (VRV and Mini Split)	FTX36
AH-ELEC2	Daikin Comfort Technologies (VRV and Mini Split)	FTX09
AH-MDF	Daikin Comfort Technologies (VRV and Mini Split)	FTX36
AH-MFRM	Daikin Comfort Technologies (VRV and Mini Split)	FTX30
CU-ELEC	Daikin Comfort Technologies (VRV and Mini Split)	RK36
CU-ELEC2	Daikin Comfort Technologies (VRV and Mini Split)	RK09
CU-MDF	Daikin Comfort Technologies (VRV and Mini Split)	RK36
CU-MFRM	Daikin Comfort Technologies (VRV and Mini Split)	RK30NMVJUA
AH-VEST1	Daikin Comfort Technologies (VRV and Mini Split)	FFQ15
AH-VEST2	Daikin Comfort Technologies (VRV and Mini Split)	FFQ15
HP-VEST1	Daikin Comfort Technologies (VRV and Mini Split)	RX15
HP-VEST2	Daikin Comfort Technologies (VRV and Mini Split)	RX15

Notes

Ductless split systems for electrical rooms, MDF, and mainframe areas with wall-mounted indoor units and outdoor condensing units.

Unit Heaters

Equipment Tag	Manufacturer	Model
EUH-1	Raywall	5100
EUH-2	Raywall	5100
EUH-3	Raywall	5100

Notes

Electric unit heaters with horizontal/vertical mounting capability and integral thermostats.

Wall and Ceiling Unit Heaters

Equipment Tag	Manufacturer	Model
EWH 1	Raywall	AFA
EWH 2	Raywall	AFA
EWH 3	Raywall	AFA
EWH4	Raywall	AFA
EWH 5	Raywall	AFA
EWH 6	Raywall	AFA
EWH 7	Raywall	AFA

Notes

Electric wall heaters with surface mounting and integral tamperproof thermostats.

Kitchen Hoods

Equipment Tag	Manufacturer	Model
KH1	accurex	XXEW-160-S

Notes

Stainless steel kitchen exhaust hood for commercial kitchen application.

Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units

Equipment Tag	Manufacturer	Model
MUA1	accurex	XDGX-P112-H12-MF-5

Notes

Direct-fired makeup air unit for kitchen ventilation system to replace exhausted air.

Suppliers

Packaged Rooftop Air-Conditioning Units

Manufacturer	Model	Representative	Compatibility Notes	BoD
Carrier	48LCRA20/48JCS	N/A	Currently specified for RTU-1 through RTU-8 in mechanical schedules	Yes
Daikin		N/A	Listed as equal product in specifications	Listed
Trane		N/A	Listed as equal product in specifications	Listed
Johnson Controls		N/A	Listed as equal product in specifications	Listed
Lennox		N/A	Listed as equal product in specifications	Listed
Rheem		N/A	Listed as equal product in specifications	Listed
York		N/A	Alternative manufacturer for packaged rooftop units, compatible with specified requirements	No
Goodman		N/A	Budget alternative option, verify compliance with efficiency requirements	No

Centrifugal HVAC Fans

Manufacturer	Model	Representative	Compatibility Notes	BoD
Loren Cook	165R08D, 90R17D, 101R17D, 135R17D, 120R17D, 100SQN, 80CPS	N/A	Specified for various centrifugal fan applications including multiple zone and isolation suite exhaust	Yes
Pennbarry		N/A	Listed as equal product for centrifugal fans	Listed
Carnes		N/A	Listed as equal product for centrifugal fans	Listed
Greenheck		N/A	Listed as equal product for centrifugal fans	Listed
Twin City		N/A	Listed as equal product for centrifugal fans	Listed

Aerovent		N/A	Listed as equal product for centrifugal fans	Listed
Delta Breez		N/A	Listed as equal product for centrifugal fans	Listed
S & P USA		N/A	Listed as equal product for centrifugal fans	Listed
Panasonic		N/A	Listed as equal product for centrifugal fans	Listed
Broan-NuTone		N/A	Suitable alternative for centrifugal HVAC fans applications	No
Fantech		N/A	Suitable alternative for centrifugal HVAC fans applications	No

HVAC Power Ventilators

Manufacturer	Model	Representative	Compatibility Notes	BoD
Greenheck	CUE-180	N/A	Listed as BoD manufacturer for equipment tag KEF-1 in project dashboard	Yes
Broan-NuTone		N/A	Alternative manufacturer for HVAC power ventilators, suitable for similar applications	No
Fantech		N/A	Alternative manufacturer for power ventilators, known for reliable centrifugal upblast units	No
Penn Ventilation		N/A	Alternative manufacturer for commercial power ventilators, competitive pricing	No

Small-Capacity Split-System Air-Conditioners

Manufacturer	Model	Representative	Compatibility Notes	BoD
Daikin Comfort Technologies (VRV and Mini Split)	Various (FTX36, FTX09, FTX30, RK36, RK09, RK30NMVJUA, FFQ15, RX15)	N/A	Listed on mechanical schedules as BoD manufacturer for all split-system units	Yes

Carrier		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Mitsubishi		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
LG		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Johnson Controls (JCI)		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Trane		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Samsung		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Toshiba		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Panasonic		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Sanyo		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Bosch		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Lennox		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed
Rheem		N/A	Listed as equal product for Small-Capacity Split-System Air-Conditioners	Listed

Unit Heaters

Manufacturer	Model	Representative	Compatibility Notes	BoD
Raywall	5100	N/A	Horizontal/vertical mounting, 5.0 kW output, 8'-0" mounting height	Yes
Markel		N/A	Listed as equal product for electric heaters	Listed

Berko		N/A	Listed as equal product for electric heaters	Listed
Qmark		N/A	Listed as equal product for electric heaters	Listed
Indeeco		N/A	Listed as equal product for electric heaters	Listed
Marley		N/A	Listed as equal product for electric heaters	Listed
Reddi		N/A	Listed as equal product for electric heaters	Listed
Stelpro		N/A	Listed as equal product for electric heaters	Listed
Chromalox		N/A	Suitable alternative for commercial electric unit heaters	No
Broan-NuTone		N/A	Suitable alternative for wall and ceiling unit heaters	No

Wall and Ceiling Unit Heaters

Manufacturer	Model	Representative	Compatibility Notes	BoD
Raywall	AFA	N/A	Wall heater surface mount type, 3.0 kW output capacity	Yes
Markel		N/A	Listed as equal product for electric heaters	Listed
Berko		N/A	Listed as equal product for electric heaters	Listed
Qmark		N/A	Listed as equal product for electric heaters	Listed
Indeeco		N/A	Listed as equal product for electric heaters	Listed
Marley		N/A	Listed as equal product for electric heaters	Listed
Reddi		N/A	Listed as equal product for electric heaters	Listed
Stelpro		N/A	Listed as equal product for electric heaters	Listed
King Electric		N/A	Commercial grade wall and ceiling mount electric heaters, suitable alternative	No
Cadet		N/A	Wall and ceiling mounted electric heaters with similar capacity range	No

Kitchen Hoods

Manufacturer	Model	Representative	Compatibility Notes	BoD
accurex	XXEW-160-S	N/A	Listed on mechanical schedule as KH1 for kitchen hood application	Yes
CaptiveAire	Various Models	N/A	Leading commercial kitchen hood manufacturer with similar performance specifications	No
Greenheck	Various Models	N/A	Well-established ventilation manufacturer with commercial kitchen hood product line	No

Packaged, Direct-Fired, Outdoor, Heating-Only Makeup-Air Units

Manufacturer	Model	Representative	Compatibility Notes	BoD
accurex	XDGX-P112-H12-MF-5	N/A	Direct replacement for existing makeup air requirements	Yes
Greenheck	GDXF Series	N/A	May require control modifications for existing building automation system	No
Reznor	DMX Series	N/A	Verify compatibility with existing gas line sizing and electrical requirements	No

BuildVision Recommendations

1. Implement multi-vendor bidding strategy for HVAC equipment packages

Rationale: The project specifies multiple acceptable manufacturers for each equipment category (Carrier, Daikin, Trane, Johnson Controls for RTUs; Daikin, Mitsubishi, LG, Samsung for split systems; Cook, Greenheck, Twin City for fans). This presents an opportunity to leverage competition among suppliers to achieve better pricing and terms while maintaining quality standards.

Estimated Impact: Significant cost savings potential through competitive bidding, improved delivery schedules through multiple supplier options, and reduced project risk through supplier diversification

Implementation: Issue separate RFQs to all specified manufacturers for each equipment category, conduct thorough technical and commercial evaluation, negotiate with top 2-3 suppliers for final pricing, and select based on best value considering price, delivery, warranty, and service support

Priority: High

2. Consolidate procurement of similar equipment types to achieve volume discounts

Rationale: The project includes multiple units of similar equipment types: 8 RTUs from Carrier, 10 exhaust fans from Loren Cook, 9 wall heaters from Raywall, and multiple Daikin split system units. Bundling these similar units together in procurement packages can leverage volume purchasing power.

Estimated Impact: Meaningful cost reduction through volume pricing, simplified project management with fewer supplier relationships, and potentially improved delivery coordination

Implementation: Group equipment by manufacturer and type into consolidated purchase orders, negotiate volume discounts for quantity purchases, establish single delivery schedules for grouped equipment, and coordinate installation sequences to optimize contractor efficiency

Priority: High

3. Establish early supplier engagement for critical path equipment

Rationale: The project includes specialized equipment such as the kitchen hood system (Accurex), makeup air unit, and medical-grade HEPA filtration systems for patient rooms (RTU-1 and RTU-3). These items typically have longer lead times and require careful coordination with other building systems.

Estimated Impact: Reduced schedule risk through early equipment ordering, improved coordination with installation contractors, and potential for design optimization through early supplier input

Implementation: Identify long-lead equipment early in design phase, engage suppliers for preliminary pricing and lead time confirmation, place orders as soon as specifications are finalized, and establish delivery schedules coordinated with construction milestones

Priority: High

4. Negotiate comprehensive service and warranty packages for critical HVAC systems

Rationale: As a rehabilitation hospital, equipment reliability is crucial for patient care and operational continuity. The RTU systems, split system units, and kitchen ventilation equipment require consistent operation. Enhanced warranty and service agreements can provide operational assurance and cost predictability.

Estimated Impact: Improved operational reliability, reduced long-term maintenance costs, and enhanced equipment performance through proactive service programs

Implementation: Request extended warranty options beyond standard terms, negotiate preventive maintenance packages with suppliers, establish priority service response agreements for critical equipment, and consider performance guarantees for energy efficiency metrics

Priority: Medium

5. Coordinate electrical compatibility verification during procurement process

Rationale: The mechanical schedules show specific electrical requirements (480V 3-phase for most equipment, varying MCA and FLA ratings). The project notes emphasize mechanical-electrical coordination responsibility. Early verification prevents costly field modifications and delays.

Estimated Impact: Prevention of costly field changes, elimination of project delays due to electrical mismatches, and improved contractor coordination

Implementation: Require suppliers to confirm electrical specifications match project requirements during quotation process, coordinate equipment submittals with electrical contractor review, verify power requirements against electrical design before equipment ordering, and establish clear responsibility matrix for electrical coordination

Priority: Medium

Conclusion

Key Findings

- Multiple approved manufacturers are specified for each equipment category, enabling competitive bidding strategies with Carrier, Daikin, Trane, Johnson Controls, and others providing alternatives for rooftop units and split systems
- Equipment consolidation opportunities exist with similar units from the same manufacturers, including 8 Carrier RTUs, 10 Loren Cook fans, and multiple Daikin split systems that can leverage volume purchasing power
- Specialized healthcare requirements include HEPA filtration systems for patient rooms and medical-grade reliability standards that require enhanced warranty and service considerations
- Critical electrical coordination requirements are emphasized throughout the specifications, with specific voltage, phase, and amperage requirements that must be verified during procurement to prevent field modifications
- Kitchen ventilation system components including the Accurex hood and makeup air unit represent specialized equipment with longer lead times requiring early procurement attention

Highest Priority Actions

- Implement competitive bidding strategy across all approved manufacturers to maximize cost savings while maintaining specified quality standards and delivery requirements
- Consolidate similar equipment types into volume purchase packages to leverage quantity discounts and simplify supplier management throughout the project
- Establish early supplier engagement for long-lead specialty items including kitchen equipment, HEPA filtration systems, and medical-grade components to prevent schedule delays
- Verify electrical compatibility requirements with suppliers during quotation process and coordinate with electrical contractor to prevent costly field modifications

Summary

This HVAC equipment procurement project for the Everest Physical Rehabilitation Hospital involves a comprehensive mix of 8 packaged rooftop units, 10 centrifugal exhaust fans, 12 split-system units, electric heating equipment, and specialized kitchen ventilation systems. The project specifications provide multiple approved manufacturers for each equipment category, creating opportunities for competitive procurement while maintaining quality standards. Critical coordination is required between mechanical and electrical systems, with emphasis on reliability for healthcare operations.



Ben Lyddane
Ben@BuildVision.io
202-365-8628

Mackenzie Hoover
Mackenzie@buildvision.io
843-609-3265

Date: 2025-06-05