



Finance and Administrative Services Department

PURCHASING DIVISION

115 S. Andrews Avenue, Room 212 • Fort Lauderdale, Florida 33301 • 954-357-6066 • FAX 954-357-8535

MEMORANDUM

DATE: July 24, 2025

TO: Monica Cepero
County Administrator

THRU: Robert Gleason, Director,
Purchasing Division

THRU: Christine Shorey, Senior Purchasing Manager,
Purchasing Division

FROM: Yohanna de Francisco, Senior Purchasing Agent,
Purchasing Division

SUBJECT: Approval of Reasonable Source designation Schindler Elevator Corporation and, Approval to Award and execution of agreement No. PNC2130408C1 with Schindler Elevator Corporation for Broward County Aviation Department

Contract Amount: \$7,413,573.86

Constance Mangan, Digitally signed by Constance Mangan, Asst. Director, on behalf of
Date: 2025.07.28 11:45:57 -04'00'

Christine C. Shorey Digitally signed by Christine C. Shorey
Date: 2025.07.25 17:59:26 -04'00'

YOHANNA DE FRANCISCO Digitally signed by YOHANNA DE FRANCISCO
Date: 2025.07.25 17:07:09 -04'00'

In accordance with the June 10, 2025, Agenda Item No. 38, approved by the Board of County Commissioners, the County Administrator is authorized to approve, and execute agreements, contract amendments, work authorizations, and other documents during the Board's 2025 Summer Recess (June 11 to August 20, 2025) (Exhibit 1).

A Request for Information (RFI) was advertised (December 20, 2024 – February 6, 2025) as a notice of intent to designate Schindler Elevator Corporation (Schindler) as the Sole (Reasonable) Source for modernization, replacement and maintenance and repair services for the escalators and elevators at Fort Lauderdale-Hollywood International Airport (FLL). The RFI requested any other vendors that believed they were able to provide the requested services and products to respond to the RFI. The RFI closed with two (2) responses from TEI Group and Southwest Elevator LLC. Broward County Aviation Department (BCAD) reviewed the submissions and determined that they could not provide modernization, replacement, maintenance and repair services for the escalators and elevators at FLL.

Enclosed is the Sole Source/Sole Brand/Only One Reasonable Source Request Form for the approval of the Reasonable Source designation to Schindler to modernize elevators and escalators at Terminal 1 of the Fort Lauderdale-Hollywood International Airport (FLL) for BCAD (Exhibit 2).

Sole Source/Sole Brand/Only Reasonable Source Request Form
Agreement between Broward County and Schindler Elevator Corporation No. PNC2130408C1
Page 2 of 2

The Reasonable Source designation will cover multiple future solicitations that will require products and services by Schindler in the total estimated value of \$ 66,700,000.

Additionally, enclosed is the agreement for solicitation No. PNC2130408C1 between Broward County and Schindler Elevator Corporation in the amount of \$ 7,413,573.86 (Exhibit 3).

History:

On May 20, 2025, Request for Bid No. PNC2130408C1, was solicited privately to Schindler as a Reasonable source designated solicitation. BCAD has evaluated the submission provided by Schindler and agrees with the recommendation for award.

One County vendor performance evaluation has been completed for Schindler with an average overall rating of 5.0 out of possible rating of 5.0

In accordance with the price analysis, evaluation of the pricing submitted by Schindler is determined to be fair and reasonable.

This agreement will require Board ratification per Florida Statute 332.0075(3) (b) that requires Board approval for contracts in excess of \$1.5MM.

Please execute the attached Sole Source/Sole Brand Request Form and the Agreement and return to Yohanna De Francisco, Senior Purchasing Agent.

Attachments

Exhibit 1 - Regular Meeting Agenda Item No.38

Exhibit 2 - Sole Source/Sole Brand/Only One Reasonable Source Request Form

Exhibit 3 - Agreement

36. MOTION TO INITIATE amendments to the Broward County Comprehensive Plan and its Water Supply Facilities Work Plan to incorporate any changes needed due to the adoption of the 2023-2024 Lower East Coast Regional Water Supply Plan by the South Florida Water Management District and general updates.

ACTION: (T-11:04 AM) Approved.

VOTE: 9-0.

37. MOTION TO DIRECT Office of the County Attorney to draft an Ordinance amending Chapter 5 Article IX of the Broward County Code of Ordinances ("Land Development Code") related to the requirements for permits issued prior to plat recordation.

ACTION: (T-11:04 AM) Approved.

VOTE: 9-0.

FINANCE AND ADMINISTRATIVE SERVICES DEPARTMENT

38. MOTION TO AUTHORIZE County Administrator to negotiate, approve, and execute agreements, contract amendments, work authorizations, and other documents during the Board's 2025 Summer Recess (June 11 to August 20, 2025), including all items listed on Exhibit 1 hereto, and any other items for which the County Administrator determines approval or execution is in the best interest of the County and delaying action until August 21, 2025 would adversely impact the County's interests or day-to-day operations, subject to review and approval of such documents as to legal sufficiency by the County Attorney's Office; directing the County Administrator to provide a report to the Board identifying any action taken pursuant to this delegated authority that is not listed on Exhibit 1; and authorizing the County Administrator to take all necessary administrative and budgetary actions to effectuate the authorized actions.

(Per the Tuesday Agenda Memorandum, the Board's consideration of Exhibit 1 is based upon Exhibit 1 as modified by the changes shown in Additional Material 38-A and 38-B.)

ACTION: (T-11:04 AM) Approved as amended with Regular Meeting Additional Material 38-A and 38-B, dated June 10, 2025, submitted at the request of Purchasing Division.

VOTE: 9-0.

ACCOUNTING DIVISION

39. MOTION TO FILE Annual Report of Interest Payments pursuant to the Broward County Prompt Payment Policy set forth in Section 1-51.6 of the Broward County Code of

Required Board Action
Administrative Approval Action During Summer Recess 2025

All contracts, amendments and work authorizations approvals will be subject to the Office of the County Attorney approval as to legal sufficiency.				
Line No.	Lead Department	Division	Requested Action	Summary
1	County Administration	Parks and Recreation Division	Approval of Amendment No. 1 to agreement with Chen Moore and Associates, Inc. for the High-Natured Recreation Park, Tidal Flood Resilience-Mitigation project (RFP No. PNC2126018P1).	Amendment No. 1 to the agreement provides for Phase 2 - Design and regulatory agency permitting services.
2	County Administration	Parks and Recreation Division	Approval of Memorandum of Understanding (MOU) with Department of Health (DOH) for Points of Distribution (use of County park sites).	MOU between County and DOH for Points of Distribution sites for Mass Prophylaxis distribution within the County. This pertains specifically to "Cillas Readiness" and the release of medical countermeasures from the Strategic National Stockpile, if needed, and usage of County park sites.
3	FASD/Purchasing Division	Public Works Department/Facilities Management Division	Approval to Award and execute Participating Addendums piggybacking the Sourcecaval Florida State Job Order Contract (JCOC) No. FFL P-192224 for the installation of security cameras, Closed-Circuit Television (CCTV) cameras, as recommended by Director of Purchasing, to provide heating, ventilation and air conditioning (HVAC) services and roofing services for Region 6, Gold Coast.	The JCOC Program enables using agencies to engage qualified specialized and experienced HVAC and roofing contractors to provide construction, repair and renovation services. Under the JCOC Program, the County is able to procure services and equipment in a Construction Task Catalog which is based on the local labor, materials and equipment costs for the direct cost of construction. No CBE goals were set for these contracts as they were pre-existing agreements.
4	FASD/Purchasing Division	Aviation Department	Approval of Sole Source/Sole Brand designation of NextGen Security, LLC for Broward County Aviation Department.	NextGen Security, LLC, formerly Micro Security Solutions, LLC (MSSL), provides proprietary CCTV video surveillance system and related equipment installed at FLL. The Sole Source/Sole Brand designation of NextGen Security, LLC will apply to future procurements that include NextGen products and services (an allowance amount will be included in solicitation). \$1,070,961 FLL T1 Schindler Elevator/Escalator Infrastructure Replacement - \$41,881 FLL Runway 10R-28L Security Enhancements - \$1,070,961 FLL Security Infrastructure Improvements - \$285,228 T3 Air Handler Unit - \$1,000,000 CCTV Enhancements - \$1,040,000
5	FASD/Purchasing Division	Aviation Department	Approval of Reasonable Source designation of Schindler Elevator Corporation for Broward County Aviation Department. Approval to Award fixed contract for Reasonable Source to Schindler for Quotation No. PNC2130408C1, Elevator and Escalator Modernization at FLL (Aviation).	The purpose of this contract is to modernize elevators and escalators at Terminal 1 of the Fort Lauderdale-Hollywood International Airport. The fixed contract is estimated at \$7,390,166 which includes allowances for the sole sources.
6	FASD/Purchasing Division	Aviation Department	Approval of Reasonable Source designation of Boland's LLC. Approval to Award open-end contract for Reasonable Source to Boland's LLC for RFQ No. PNC2130407C1, Inspection and Repairs of Engineered Materials Arresting System (EMAS) (Aviation).	The purpose of this contract is to provide inspection and repairs services of the EMAS at FLL. This open-end contract is estimated at \$2,300,000 for the initial three-year term.
7	FASD/Purchasing Division	Aviation Department	Approval of Reasonable Source designation of Arcanas, Inc. Approval to Award open-end contract for Sole Source to Arcanas, Inc. for Quotation Request No. QPN212861Q1, Arcanas USM Gate Counters and Replacement Parts (Aviation).	Initial one-year estimated amount of \$905,950, and authorize the Director of Purchasing to renew the contract for four one-year periods, for a five-year potential estimated amount of \$1,035,000. No CBE goal assigned as this is designated as a sole source.
				Fiscal Impact and Any Applicable Duration Original agreement (Phase 1 - Pre-design study services) is \$820,218.87. Amendment No. 1 (Phase 2 - Design and permitting services) is estimated at \$1,238,793. There is no specific funding tied to this agreement. Initial one-year estimated aggregate amounts of \$4,000,000 for HVAC services and \$4,500,000 for roofing services. The County is currently reviewing draft DOH agreement. To ensure preparedness for potential conditions requiring action, particularly in light of upcoming FIFA World Cup and other high-profile events in the region. This action is requested to be completed before recess concludes given the national and international exposure of these events, and significant homeland security implications. The award and execution of these Participating Addendums will provide additional capacity and potentially reduce costs by enabling the use of a trade-specific contractor in lieu of a general contractor. Award during summer is to potentially save money if an HVAC or roofing project needs to start during that time. The trade-specific contracts expired on 12/31/24. The action has not fiscal impact, however the estimated amount for NextGen products and services, by project are: FLL T1 Schindler Elevator/Escalator Infrastructure Replacement - \$41,881 FLL Runway 10R-28L Security Enhancements - \$1,070,961 FLL Security Infrastructure Improvements - \$285,228 T3 Air Handler Unit - \$1,000,000 CCTV Enhancements - \$1,040,000 The fixed contract is estimated at \$7,390,166 which includes allowances for the sole sources. This award/approval through summer-recess delegation will require Board ratification due to Florida Statutes Section 332.0075 (3) (b) that requires Board approval for contracts in excess of \$1.5M. This award/approval through summer-recess delegation will require Board ratification due to Florida Statute 332.0075 (3) (b) that requires Board approval for contracts in excess of \$1.5M. This is an urgent procurement, as the current gate podiums are obsolete and damaged.



DATE: 10/25/24

TO: Robert Gleason, Director, Purchasing Division

THRU:

FROM: Michael Pacitto, Aviation Chief Development Officer

PROJECT TITLE: Terminal 1 Elevator and Escalator Infrastructure Replacement

REQUISITION NO. TBD (BCAD AD +BCAD MX agreements)

SOURCE/BRAND NAME: Schindler Elevator Corporation

SOLE SOURCE/SOLE BRAND/ONLY ONE REASONABLE SOURCE REQUEST

☒ SOLE SOURCE

☐ SOLE BRAND

☒ ONLY ONE REASONABLE
SOURCE

I. REQUEST: Provide a description of the features of the product/service or Scope of Work.

These projects will replace aging, obsolete elevators and escalators installed in Terminal 1 (T1) that require modernization, and provide maintenance and repair services. Most of this critical infrastructure is over twenty years old and has reached its end-of-life expectancy. The Scope of Work includes modernization and replacement of nine existing elevators located pre-and post-security, and four banks of escalators consisting of eight individual units, located in the public areas east and west of the main lobby. This project will modernize the equipment installed in T1 and provide integration and consistency with all other equipment installed at FLL. It is necessary to replace this equipment to reduce downtime and prevent failures and potential safety issues for passengers navigating FLL.

Currently 148 pieces of vertical and horizontal people mover equipment are installed at FLL, of which 125 (84%) were manufactured by Schindler Elevator Corporation (Schindler). This equipment requires replacement, modernization/upgrades, and maintenance and repair services. Parts are Schindler Original Equipment Manufacturer (OEM) specific to all equipment. All Schindler equipment at FLL, is equipped with "Schindler Ahead", a proprietary electronic monitoring system consisting of software and hardware that provides real-time status, analytics, and diagnostics on each piece of equipment. This proprietary system enables Schindler's Technical Operations Center to identify necessary predictive maintenance and closely monitor equipment safety and operations 24/7, allowing for real-time dispatch of technicians to limit costly failures, prevent potential safety issues, and minimize equipment downtime. Timely replacement, upgrades, and repair and maintenance are an important aspect of this service and allows FLL's passengers to continuously move throughout the terminals without delay.

II. JUSTIFICATION: Please check all boxes that describe your reason(s) for determining that only one source or brand is reasonably available.

Sole Source/Uniqueness

- ☒ Proprietary Item - this vendor/source has the only rights to provide this service or commodity. A letter from the manufacturer or authorizing entity is included in this request.
- ☒ Technology Improvements - updates or upgrades to an existing system, software, software as a service (SaaS), hardware purchases.
- ☐ Engineering Direction - engineering drawing or specification identifies product; "no substitutes or equivalents will be acceptable."
- ☐ Only qualified supplier - reliability and maintainability of the product or service would be degraded unless specified supplier is used; may void warranty. This request includes a copy of the current warranty information.

- ☒ Other/or Additional information - the County requires this sole source purchase for the following reasons.

The equipment in operation at Terminals 2, 3 and 4 are equipped with Schindler's proprietary remote monitoring system "Schindler Ahead", which is not interchangeable with other systems and cannot be accessed by other vendors. The modernization of the T1 equipment will allow for integration with all other units installed at FLL.

Business Case (Only One Reasonable-Source¹ or Only One Reasonable Brand)

- ☒ Operational Compatibility - replacement parts from alternate suppliers are not interchangeable with original part and causes equipment incompatibility. Previous findings and/or documentation is included with this request.
- ☐ Ease of Maintenance - maintenance or retooling prohibits competition. Section III, Comparative Market Research includes estimated costs associated with changing current source and/or brand.
- ☐ Follow-On - potential for continued development or enhancement with same supplier and eliminates costs incurred by using different supplier. Section III, Comparative Market Research includes estimated costs for replacing current or existing system.
- ☐ Complies with existing community and safety standards, and/or laws, rules, and regulations.
- ☐ Other/or additional information - using this only one reasonable source, only one reasonable brand purchase benefits the County for the following reasons:

1) Should an alternate vendor be awarded a contract for this project, the alternate vendor would have to provide, install, and maintain Schindler OEM parts obtained at a higher price from Schindler (versus the County's discounted pricing), which would then be passed on to the County. In addition, the alternate vendor would have to retrofit their system to the Schindler equipment, which may require additional labor and training. The addition of an alternate manufacturer would not allow for operational compatibility, remote monitoring, and timely maintenance and repair of all units installed at FLL.

2) On October 19, 2021 (Item No. 48), the Broward County Board of County Commissioners awarded Contract No. BLD2122449G1_1 to Schindler for BCAD, under the Sourcwell government cooperative contract, to provide maintenance and repair services for the elevators, escalators and moving walkways installed at FLL. Should an alternate vendor be awarded a contract for this project, a second maintenance and repair agreement would have to be solicited and procured. BCAD would also lose the dollars invested to implement the Schindler Ahead software system as it is not interchangeable with other systems and cannot be accessed by other vendors. It is not feasible for BCAD to maintain two separate maintenance and repair agreements for two separate manufacturers of the equipment installed at FLL.

III. COMPARATIVE MARKET RESEARCH: Provide a detailed source or market analysis for justification of sole source/brand or most reasonable source (attach extra sheets as needed).

Estimated project value: 13,437,366 (Includes Allowance) Contract length (if applicable): N/A

Has this commodity or service been previously provided to the County? ☒ Yes ☐ No

If yes, provide the following and attach any supporting documentation (e.g., previous approved memoranda):

Vendor name and date Schindler Method of Procurement Sourcwell Piggyback

What is the current contract (Procurement Catalog) or purchase order number? BLD2122449G1 (Maintenance)

Expenditures to date: \$13,603,787

Will this procurement utilize any local/state/federal grant funding? ☐ Yes ☒ No

If yes, attach any supporting documentation (e.g., grant agreement).

If this is a sole brand, is there an "authorized" dealers/resellers list? ☐ Yes ☒ No

If yes, provide the manufacturer's "authorized" dealers/resellers list.

¹ Commonly known as Most Reasonable Source

Cost/Benefit Analysis: What would the cost be to utilize an alternate vendor or source? This explanation should include the savings and/or additional costs to the County by not using the preferred vendor or source. Attach additional sheets if needed.

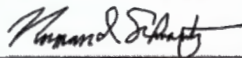
The cost to utilize an alternate vendor is unknown at this time. However, it would be a benefit to the County to have consistent equipment, remote monitoring, and maintenance and repair services for all elevators, escalators and moving walkways installed at FLL. One remote monitoring system would ensure that all equipment is integrated, thus preventing potential failures and on-site safety issues. In addition, the use of one manufacturer would eliminate the need for two separate maintenance contracts and decrease the need for additional BCAD maintenance personnel required to service two manufacturer's equipment.

CERTIFICATION: I have thoroughly researched the sole source, sole brand, only one reasonable source, or only one reasonable brand justification and fully understand the implications of Section 838.22 of the Florida Statutes:

(2) "It is unlawful for a public servant or a public contractor who has contracted with a governmental entity to assist in a competitive procurement to knowingly and intentionally obtain a benefit for any person or to cause unlawful harm to another by circumventing a competitive solicitation process required by law or rule through the use of a sole-source contract for commodities or services".

(5) "Any person who violates this section commits a felony of the second degree, punishable as provided in s. 775.082, s. 775.083, or s. 775.084".

Norman Schwartz



10/25/24

REQUESTOR/EVALUATOR (PRINT)

REQUESTOR/EVALUATOR (SIGN)

DATE

Michael Pacitto

MICHAEL PACITTO

10/25/24

DEPT/DIV DIRECTOR OR
DESIGNEE (PRINT)

DEPT/DIV DIRECTOR OR DESIGNEE
(SIGN)

DATE

PURCHASING DIVISION USE ONLY

The Purchasing Agent has reviewed the request and has completed the required due diligence per the Procurement Code Section(s) 21.25 and 21.26. The Purchasing Agent recommends the following:

☐ Sole Source ☐ Sole Brand ☒ Only One Reasonable Source/Brand² ☐ Reject
☐ Authorization to Negotiate ☐ Standardization ☒ Board Award

Attachments

☒ Request for Information ☐ Previous Approved Documentation
☒ Vendor Letter

² As per Florida Statute 287.057(3)(c), FLL projects valued ≥\$325,000 require 15 business day posting of intended sole source designation

Additional Information (e.g., Number, opening date, # of responses, Agency reviewed yes/no):

Request for Information (RFI) was posted on 12/20/2024 to determine if there was another vendor able to provide the commodity or service described. The RFI closed on 02/06/2025 with two vendors responses from TEI Group ("TEI") and Southwest Elevator LLC. Broward County Aviation Department (BCAD) reviewed the vendors responses and has provided an explanation for the conclusion that these companies are not able to provide modernization, replacement, maintenance and repair services for the escalators and elevators at FLL (Exhibit1).

Broward County has confirmed that Schindler would not sell to an outside party the equipment and software necessary for the Schindler Ahead electronic monitoring software system that is in use throughout FLL. The other responding firm would not be able to obtain Schindler Original Equipment Manufacturer (OEM) equipment and software and would not be able to monitor the Schindler Ahead electronic monitoring system. The addition of an alternate manufacturer would not allow for operational compatibility, remote monitoring, and timely maintenance and repair of all units installed at FLL.

Purchasing Agent recommends approval of the Only One Reasonable Source/Brand designation to Schindler, to provide modernization, replacement, maintenance and repair services for elevators and escalators installed at Terminal 1. All Schindler equipment in operation at Terminals 2, 3 and 4 are equipped with "Schindler Ahead", a proprietary remote monitoring system consisting of software and hardware that is not interchangeable with other systems and cannot be accessed by other vendors. Additionally, an alternate vendor would have to provide, install, and maintain Schindler OEM parts obtained at a higher price from Schindler versus the County's discounted pricing.

The Only One Reasonable Source/Brand designation will apply to future procurements that will include Schindler products and services in the following procurements and estimated amounts:

- T1 Schindler Elevator/Escalator Infrastructure: \$6,700,000 (Fixed)
- Elevator, escalator and moving Walk Maintenance and repair Services for FLL: \$60,000,000 (open-end agreement for potential of 10 years)

Total estimated value \$66,700,000 Only One Reasonable Source/Brand designation.

Purchasing Agent Signature:

Karlene Grant
Digitally signed by
Karlene Grant
Date: 2025.03.19
15:34:51 -04'00'

Reviewer Title:

Jeannette Ferrell
Digitally signed by
JEANNETTE FERRELL
Date: 2025.03.26
11:20:32 -04'00'

Reviewer Signature:

APPROVAL AUTHORITY



APPROVED



DISAPPROVED

REASON/SUGGESTED ACTION (IF DISAPPROVED):

Note - this will be a private solicitation (not Sourcewell "piggyback").

Title: Director of Purchasing

Title: County Administrator

Last Revised: 10/17/23

Signature:

Constance Mangan,
Asst. Director, on
behalf of
Digitally signed by Constance
Mangan, Asst. Director, on behalf
of
Date: 2025.04.08 14:34:46 -04'00'



Schindler Elevator Corporation



October 25, 2024

Norman Schwartz
Expansion Project Administrator
Broward County Aviation Department – Airport Development
320 Terminal Drive / Suite 200
Fort Lauderdale, FL 33315
RE: Soul Source Provider – Schindler Ahead (Monitoring Control System) – Elevators and Escalators

To Mr. Schwartz;

Schindler Elevator is the Sole Source Provider for all equipment, software, and system support associated with all vertical transportation currently installed at the Fort Lauderdale-Hollywood International Airport (FLL). The **"Schindler Ahead"** monitoring system at FLL is a proprietary system comprised of software and electronic hardware developed and manufactured by Schindler Elevator corporation. As such all components of the system and related to "Schindler Ahead" as well and as any installation, service, and labor required to implement such components, are only available for purchase through Schindler Elevator Corporation.

The importance of Schindler Ahead is to closely monitor all the elevators and escalators on site and to optimize the uptime of all equipment as we understand the continuous usage these units receive due to the vast amount of the general public along with BCAD employees who ride them on a daily basis. This **"Schindler Ahead"** proprietary safety monitoring can only be used and maintained to their full ability on Schindler units. The new upgraded units will come equipped with this capability and will help provide continuous monitoring and upkeep of the elevators.

Please contact me with any question related to this.

Sincerely,
Schindler Elevator Corporation

A handwritten signature in cursive script that reads 'Anthony Mazzola'.

Anthony Mazzola
Modernization Sales Representative



PNC2129612F1 - Request For Information (RFI) - Escalator & Elevator Replacement and Maintenance

BPRO Electronic Procurement System [Back to list](#)

Project Details

Project: Request For Information (RFI) - Escalator & Elevator Replacement and Maintenance

Ref. #: PNC2129612F1

Department: FASD - Purchasing

Type: RFI

Status:

Open Date: Dec 20th 2024, 9:00 AM EST

Questions Due Date: Never

Contact Information: Yohanna de Francisco (Primary), Nancy Olesen (Alternate), Ydefrancisco@broward.org
Nolesen@broward.org

Close Date: Feb 6th 2025, 5:00 PM EST

Days Left: Submissions are now closed

Contract Duration:
Not Applicable (RFQ/RFI)

Contract Renewal:
Not Applicable (RFQ/RFI)

Bid Validity:
Not Applicable; RFI

Bonding Required:
No

Total Amount of Pass-Thru Allowance (Initial Term or Fixed):
0

OESBD Designation Goal Participation Type:
No Goal

Goal Assigned Percentage (0 if No Goal):
0

Project Description:
Request for Information: Escalator & Elevator Replacement and maintenance services at Fort Lauderdale-Hollywood International Airport (FLL).

Notice of Intent to Designate One Reasonable Source:

This Request for Information (RFI) (Notice of Intent to Designate One Reasonable Source) is to determine if the specified commodity or service is available from multiple providers, or if an alternate commodity or service is available that would meet the County's needs. This is not a request for pricing or a purchase commitment.

February 2025

[prev](#) [next](#)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1
OPEN						
2	3	4	5	6	7	8
OPEN						
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	1

The following commodity or service is thought to be available from only a sole source (or reasonable source) and is the only commodity/services that meets the County's needs:

Schindler Elevator Corporation

Services Required: Modernization, replacement, maintenance and repair services for elevators and escalators at FLL.

The Broward County Aviation Department seeks information on modernizing elevators and escalators installed at the Fort Lauderdale Hollywood International Airport (FLL). Currently there are 148 pieces of vertical and horizontal people mover equipment installed at FLL of which 84% are manufactured by Schindler Elevator Corporation (Schindler). Parts specific to all equipment are Schindler Original Equipment Manufacturer (OEM) parts. All Schindler equipment at FLL is equipped with "Schindler Ahead", a proprietary electronic monitoring system which is not interchangeable with any other system.

This RFI will remain posted until closing date and time.

Prospective Vendors are requested to provide information regarding their ability to provide the commodity or service described or written explanation or other documentation contesting the proposed RFI designation.

If you are capable of meeting or exceeding the County's requirements for the specified commodity or service, respond to this RFI through the electronic bidding system. Vendor should upload any supporting information in the electronic bidding system as part of its response to assist the County in determining if commodity or service is comparable, is available from multiple suppliers, and meets the County's needs. The Director of Purchasing shall have sole authority in deciding what is comparable.

The Director of Purchasing shall consider such submittals and notify all submitting vendors (thru the electronic bidding system) of the decision whether to designate as a Sole Source/Brand, which decision shall not be subject to objection, protest, or appeal.

Important Events:

Search					
Status	Event Name	Location	Description	Dates	Mandatory
ONGOING	Questions Due Date	Online Portal	The Q and A Period for this Opportunity is Ongoing	Never	N/A
PASSED	Open Date	Online Portal	Posting date for the Opportunity	Dec 20th 2024, 9:00 AM EST	N/A
PASSED	Close Date	Online Portal	Deadline for Submissions	Feb 6th 2025, 5:00 PM EST	N/A

Commodity Codes:

NIGP 11018 **Conveyor and Elevator: Canvas and Duck**
 NIGP 11022 **Conveyor and Elevator: Neoprene, Plastic, and Rubber**
 NIGP 29548 **Monitors, Elevator and Escalator**
 NIGP 91013 **Elevator Installation, Maintenance, Repair and Inspection Services**
 NIGP 91839 **Elevator, Escalator, Moving Walks Consulting**
 NIGP 1102249 **BELTS, CONVEYOR AND ELEVATOR, NEOPRENE**
 NIGP 1102250 **BELTS, CONVEYOR AND ELEVATOR, RUBBER**
 NIGP 2957098 **PARTS AND ACCESSORIES, ELEVATOR**
 NIGP 9101317 **MAINTENANCE, REPAIR AND INSPECTION SERVICES, ELEVATOR**

Requested Information:

Listed below are the documents and information needed to complete your submission:

Name	Type	# Files	Requirement
Vendor's RFI Response	File Type: Any (*.*)	Multiple	REQUIRED

Document Takers

Search

Vendors

Files

Actions

No data available in table

Interested Contractors

Prime/General Contractors

Subcontractors

Search

Vendors	Contact	Email	Phone	Subcontract Services
Southwest Elevator - SW Elevator, LLC	Brooke Cavinder	bcavinder@southwestelevator.com	6027705787	Elevator & Escalator Maintenance, Upgrades, Repair, Modernization, New Construction.
TEI Group	Danny Benoit	dbenoit@teigroup.com	3522064033	Elevator & Escalator Maintenance, Service, Repair, Modernization, Construction, New Installation, Engineering

Messages

Public Notices (0)

Vendor Discussions (0)

Public Q&A (0)

There is currently nothing to display here.

Create a new Public Notice

Submissions and Prime/Subcontractor Interest

This project is not open for proposal submissions at this time.

TEI GROUP SOUTHEAST

A PROUD & TRUSTED PARTNER WITH
SOURCEWELL COOPERATIVE

TEI

Sourcewell

**DEDICATED
ELEVATOR
SOLUTIONS**



ABOUT US WHO WE ARE

TEI Group Southeast emerged in response to shortcomings observed within major OEM elevator companies, highlighting the necessity for a robust independent provider with a strong union labor force to make a significant impact in the expanding Florida market. TEI is a compact yet powerful entity, fortified by the support of a larger enterprise. Our philosophy revolves around our belief that the elevator business should be characterized by simplicity, transparency and fair pricing.

SETTING A NEW STANDARD

- We empower customers to tailor their own maintenance agreements according to their needs
- IEUC Mechanics with best-in-class labor rates.
- By design, TEI minimizes the workload on our technicians, guaranteeing top-notch maintenance
- Freedom of choice; friendly contract terms that don't lock you in and are built off real customer survey data
- Quick turn-around times on projects and services, meeting tight deadlines with speed & precision
- Lets sit down and review in person!



REPAIR



MODERNIZATION



CONSTRUCTION

Redefine your vertical transportation experience with our all-in-one elevator solutions! From service and repairs to modernization and new construction, we've got you covered. Enjoy unbeatable pricing, lightning-fast lead times, and a hassle-free experience every step of the way. Elevate your expectations and choose simplicity – partner with us for elevator excellence!

9636 Currie Davis Dr.
Tampa, FL 33619

1-800-834-0683
WWW.TEIGROUP.COM



Our Story

TEI emerged in response to the shortcomings observed within major OEM elevator companies, highlighting the necessity for a robust independent provider with a strong union labor force to make a significant impact in the market.

Our Core Values are:

SAFETY > *Is the basis of all products and services provided by TEI Group.*

INTEGRITY > *Is the foundational tenet by which all TEI Group employees conduct business.*

QUALITY > *Is the result of everything in which TEI Group is engaged.*

Our philosophy revolves around the belief that the elevator business should be characterized by simplicity, transparency, and fair pricing. If a client's current experience overseeing an elevator/escalator program feels anything but straightforward, transparent, or reasonably priced, we understand the need for a transformative solution.

The evolving landscape of the industry, marked by challenges in parts procurement, inflation, and shifts in corporate structures, has given rise to a disconnect between personal values and corporate objectives. The once vibrant passion of industry professionals has waned, leading to conflicts and frustration for clients. Elevators, in essence, should be simple—they ascend and descend. Similarly, elevator companies should operate on straightforward terms, communicating openly, providing services at fair prices, and supporting employees with an excess of resources that ultimately adds value to the customer.

Introducing the long-awaited partnership between TEI and Sourcewell, aimed at providing participants with a wider array of vendor options. This Request for Proposal (RFP) is presented by an individual with firsthand experience in promoting the benefits of the Sourcewell agreement, who is eager to leverage this tool to survey the market. Several current Sourcewell members have expressed interest in utilizing the cooperative agreement, and TEI is highly confident in its ability to rapidly expand the maintenance base by transitioning existing members to TEI (offering a 4% fee) and by attracting new members to Sourcewell, enabling them to explore the advantages and procure from various suppliers.

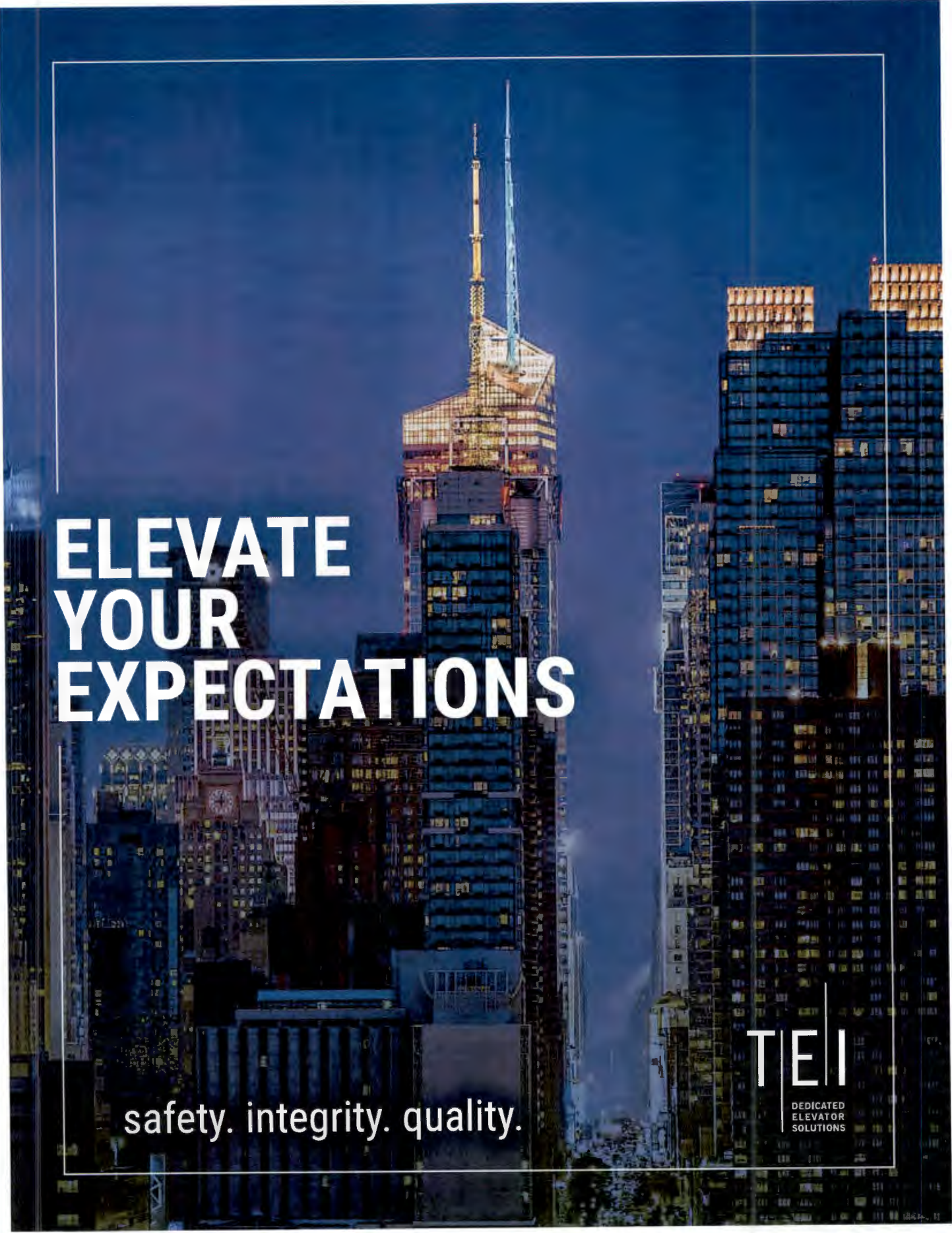


TEI offers a distinctive approach to the Sourcewell 'Elevator & Escalator' market for several reasons. We provide open-source modernization and installation products from independent manufacturers across the US, delivering true value and opportunities to participants who may have previously felt constrained to stick with a specific service provider just because that provider manufactured their equipment. This approach can be likened to choosing a generic brand over a name brand – the generic brand is more cost-effective but contains the same quality ingredients. Similarly, it's akin to opting for a standard American-made car over a foreign car, where the former can be serviced by any local shop while the latter may require specialized service at the brand dealership due to unique tools or software, potentially limiting the owner's options.

Furthermore, when evaluating RFP submissions, you may come across vendors who mention "regular and systematic visits," which may lack clarity and transparency. Some may highlight "remote monitoring" or special technology to hide from physical maintenance and defer service, as the unit appears operational, potentially resulting in a technician's route having no limit to the number of units serviced by one technician.

With TEI's proposal, clients will receive detailed information and transparency, allowing them to make informed decisions based on their specific needs. We aim to provide clients with a clear understanding of the value they are receiving, empowering them to choose based on what best suits their building requirements.

TEI has identified the necessity for a fresh approach and is dedicated to prioritizing customers and employees alike. Our strength lies in a united team with shared values and a steadfast commitment to enhancing the customer experience. TEI is prepared to establish a partnership founded on trust, simplicity, and a dedication to your satisfaction.



ELEVATE YOUR EXPECTATIONS

safety. integrity. quality.

TEI

DEDICATED
ELEVATOR
SOLUTIONS



OUR DNA DEFINES US

For over 30 years, TEI Group has continued to evolve from its roots as a small elevator maintenance company to become **one of the largest independently owned** vertical transportation company offering a comprehensive suite of construction, modernization, maintenance, and repair services.

In fact, TEI leadership started their careers as elevator mechanics, building on their hands-on experience to provide multiple generations of customers with **unprecedented safety, integrity, and quality service**.

Our achieved growth is equally driven by a corporate culture focused on superior customer relationships, rewarding TEI with a **98% customer retention rate**. Simply put, our customers are like family – all treated with the highest degrees of honesty, urgency, and attention.

By keeping our customers' vertical transportation systems safe and always moving, our experienced **team of over 300 highly trained professionals** keep property managers and their building occupants happy and safe, further enhancing the valuation and profitability of the facilities under our care.

This is our DNA.



**SAFETY,
INTEGRITY,
AND QUALITY**

**CERTIFIED BY
GREAT PLACES
TO WORK™**

**AVERAGE
SERVICE TENURE
17+ YEARS**

THE SERVICE YOU WANT, THE SUPPORT YOU NEED

TEI Group offers a comprehensive suite of vertical transportation services including **new construction, modernization, repair, and maintenance** for the commercial, large residential, retail, and institutional markets.

Our client roster reads like the “who’s who” of real-estate developers, property management companies, and property owners who **entrust TEI Group with their most valued assets and occupants.**



And it's not just our breadth of services that continue to attract new high-profile clients and keep them on board for years, it's our **extreme levels of customer service**. We treat clients the way they want and expect to be treated – like family.

Which means **safety comes first!** All our work is overseen by **nationally recognized safety experts** who design and manage our incomparable safety programs and comprehensive services to provide the safest vertical transportation solutions possible, protecting our customers and our workforce.

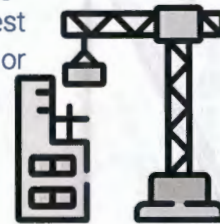


SERVICES OVERVIEW

Whether you're looking to modernize or maintain an existing system, or to install a new one, TEI Group has the experience, expertise, and commitment required to exceed your expectations.

NEW CONSTRUCTION

TEI Group has been installing elevators for over two decades and discerning developers frequently consult with the TEI Group to help them select the best solutions for their needs. Whether you need a three-stop hydraulic elevator or vertical transportation system for a 60-story skyscraper, TEI Group has the design and installation experience you want and need. In fact, TEI is the only independent elevator company with capability to install elevators in buildings taller than 50 stories. And TEI Group has the experience and technical capabilities to deliver "green" technology solutions, including MRL systems and the latest PMAC technology.



MODERNIZATION



TEI Group can help you increase up-time performance, improve passenger delivery efficiency, and migrate to a "green" vertical transportation solution. We'll replace your existing system with one that meets today's rigid safety standards, reduces your building's carbon footprint, makes your regular maintenance more economical, and improves the overall occupant experience. Modernizing your elevators is often the more economical option when considering large-scale repairs late in the elevator life cycle.

MAINTENANCE & REPAIR



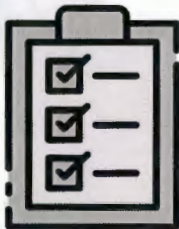
All TEI Group maintenance mechanics hold Department of Buildings Elevator Inspector licenses, a testimony to the dedication and commitment of TEI's workforce. No other elevator company has made DOB licensure a fixed requirement for their field service mechanics. When problems arise with an elevator's heavy equipment you can rest assured that repairs are being made to the highest standards, by the safest means possible.

TESTING

TEI Group requires all of its service technicians to take the Elevator Inspector licensing examination, providing you with the peace of mind that no matter which mechanic is servicing your equipment, they're prepared. No other elevator company in the industry approaches this level of compliance.



VIOLATIONS



TEI Group's violations team tracks and coordinates all mandatory testing with our clients and their third-party witnesses. They also are charged with making sure deficiencies are resolved on-time, and that the requisite Affirmation of Corrections is filed with the AHJ. Our violations team has the knowledge and expertise to cure all types of issued elevator violations while keeping our clients up to date throughout the entire process. Afterwards, TEI will work to confirm that the violation has been permanently resolved. When possible, TEI Group will even negotiate to help reduce or eliminate customer fines and/or penalties.

A FEW IMPORTANT FACTS

- ▶ TEI Group employs only the most season elevator professionals with an average tenure of 17 years industry experience.
- ▶ TEI Group employs a **nationally recognized** Senior Vice President of Environmental Health and Safety who develops and oversees all training programs.

- ▶ TEI Group technicians...
 - all belong to **International Union of Elevator Constructors**.
 - are on duty **24/7/365** with a local home base to speed arrival to job sites.
 - receive a minimum of **24 hours of classroom safety training and 52 weekly field training sessions**.
 - are **audited twice a year** while on job sites.
 - **manage a maximum of 120 elevators and escalators each**.

- ▶ TEI Group maintains small technician routes and geographic areas to **ensure a rapid response** and reduce unit downtime.
- ▶ TEI has a **full-time adjustor** assigned to each service area to assist with complicated projects.
- ▶ TEI Group's Violations department is dedicated to identifying and remediating code violations to **keep customers compliant**.
- ▶ TEI has the only **dedicated testing team** to perform mandatory testing of automated conveyance systems.
- ▶ TEI Group boasts an impressive **98% customer retention rate**.
- ▶ TEI Group has **partnered with industry leading equipment manufacturer ATAL** to offer customers more resources, services, and flexibility.

WHY TEI GROUP?

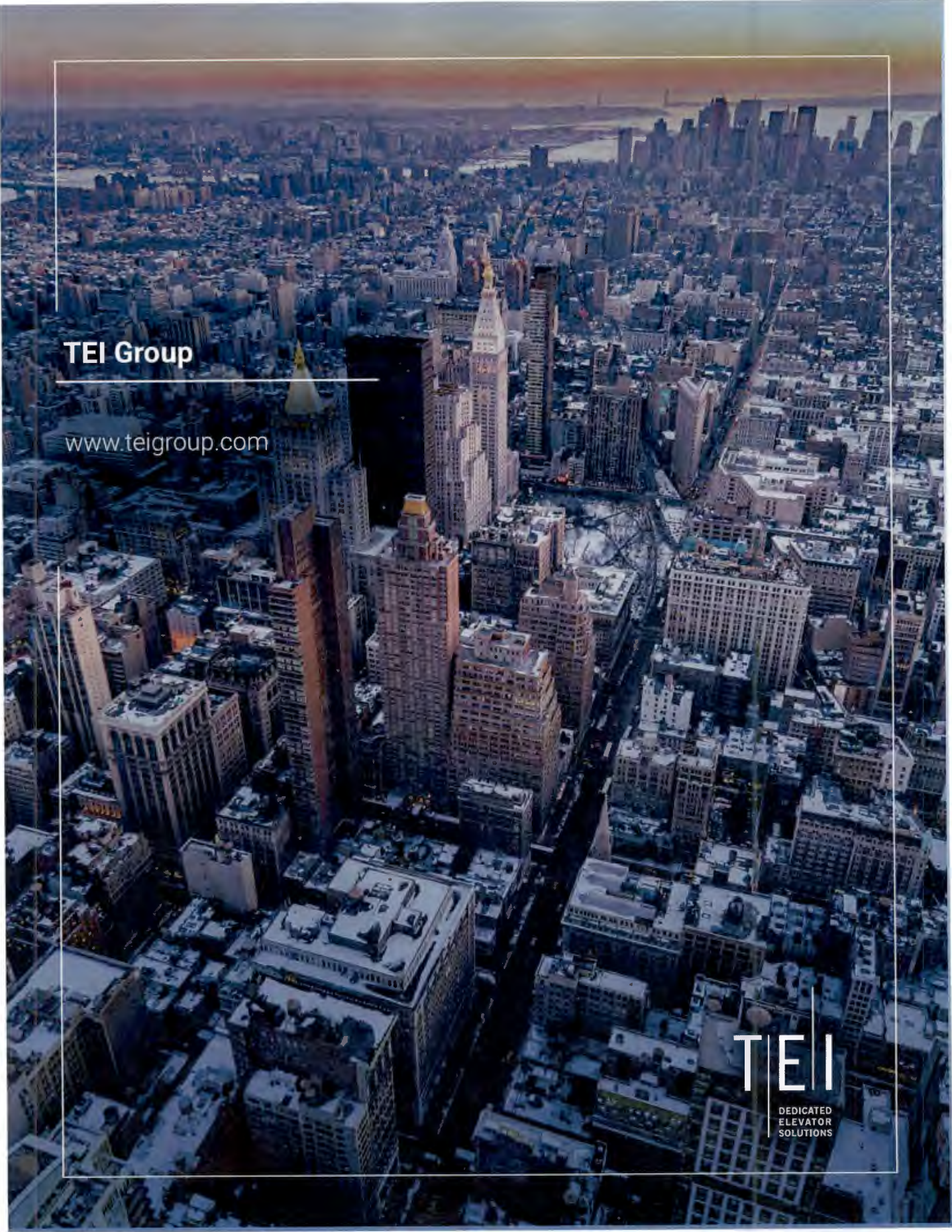
TEI Group employs the largest workforce of fully licensed and highly trained mechanics to service your equipment, minimize downtime, and resolve issues as soon as they arise.

Our in-house design team is available to work with you to solve the most difficult challenges in transportation, and our nationally recognized safety personnel will ensure your elevators are serviced to the highest standards.

No other vertical transportation company offers this level of safety, integrity, and quality. That translates to safe and secure equipment, enhanced property value, and delighted occupants.

Aside from being one of the largest independently owned and operated vertical transportation companies in the U.S., TEI Group is also one of the most highly respected. Just ask our customers – most of whom have entrusted us with their vertical transportation systems for many years. Hear from them firsthand how we've made a difference, and how we can do the same for you. Let's get the conversation started...



An aerial photograph of a dense urban skyline, likely New York City, taken from a high vantage point. The image shows a vast expanse of skyscrapers and buildings, with the sun setting in the background, casting a warm, orange glow over the scene. The sky is a mix of orange, pink, and blue. The city's layout is visible, with streets and blocks forming a grid pattern. The water of a harbor or bay is visible in the distance, with a few bridges spanning across it. The overall atmosphere is one of a bustling, modern metropolis at dusk.

TEI Group

www.teigroup.com

TEI
DEDICATED
ELEVATOR
SOLUTIONS

A2 & ST Series

TEI
DEDICATED
ELEVATOR
SOLUTIONS

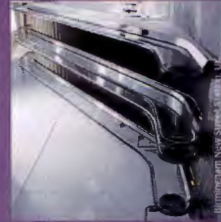
ESCALATORS & MOVING WALKWAYS
MOVING MILLIONS OF
PEOPLE EVERY DAY

ESCALATORS FOR ALL YOUR NEEDS

CONTENTS

- 2 Escalators for all your needs
- 4 Engineered by Anlev
- 6 Engineered for Environment
- 8 Engineered for Everywhere
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- 14 Engineered by Choice
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Engineered for comfort, safety and energy efficiency, Anlev escalators provide truly reliable and efficient transport systems that represent a new level of ride comfort for passengers worldwide. Together with a comprehensive range of quality lifts, these modern escalators will form integrated vertical transport systems that will enhance both the appearance and operation of any building or infra-structural development.





ENGINEERED BY ANLEV

Dedication and professionalism

Anlev is a highly specialised company dedicated solely to the design and manufacture of lifts, escalators and moving walkway systems. It is this specialisation that has honed our expertise in the field, and allowed us to focus on our aim of providing the highest quality of product and service to our clients.

Design, material control and production at Anlev are all executed with the aid of our highly advanced computer-aided design and manufacturing systems, exclusively developed by Anlev to ensure rapid response times in design and manufacture.

The Anlev design team consists of highly skilled and experienced engineers, supported by an experienced and dedicated workforce who take exceptional pride in their product and work. These resources maintain Anlev's position at the forefront of technology and innovation in escalator systems.

Built-in quality

The manufacturing process at Anlev is based on our understanding that the quality of a product is only as good as the materials and components from which it is made. As such, we use only the highest quality materials and components, which comply with relevant manufacturing standards and are subject to

continuous and highly stringent incoming inspection procedures. This philosophy ensures that quality is automatically built into each Anlev escalator from start to finish of manufacture.

Total support service

Anlev demands the same quality and attention to detail in after sales care from its partners worldwide as Anlev itself puts into design and manufacture. Anlev's partners are all trained at our factories, and only after they have satisfied Anlev's stringent technical, commercial requirements and all local regulatory criteria are they allowed to represent Anlev's total support service.

Anlev has distributors in most Asian, European, Middle Eastern countries and Australia. We also have associated companies in USA, United Kingdom, Hong Kong SAR and Mainland China. It is this level of quality, innovation and service that makes Anlev truly a dependable partner.

Exceptional performance

By designing on the principles of minimal friction, vibration and noise, the A2 family escalators and ST series moving walkways offer not only superbly smooth and quiet rides, but also enjoy minimal wear and fatigue, high efficiency and offer exceptional durability and minimal maintenance requirements.

ENGINEERED FOR ENVIRONMENT



Our escalators and moving walkways are designed for efficient operation. In addition to the regenerative drive and efficient worm gear drive, numerous options are available to enhance the energy efficiency. All of our products are certified by ISO 9001 and 14001.

- High efficiency helical gear drive
 - Motor energy control
 - VVVF control
 - Auto start/stop control
 - Lubrication free stepchain
- Prolonged lifetime for reduced carbon footprint
Lower life-cycle costs
Energy-saving solutions

ENGINEERED FOR EVERYWHERE

Anlev A2 family of escalators are designed and manufactured to cover all commercial, industrial and public transport applications.

With a wide range of finishes and materials available for each type, the A2 family is providing a flexible selection of escalator arrangements that will match and enhance any setting, interior or exterior.

Anlev A2 family escalators are available in two types: A2C Standard and A2T Heavy Duty.



A2C - Glass panel balustrade, natural anodized aluminum handrail guide frame with optional lighting.



A2T - Stainless steel panel balustrade. The robust construction makes it best suited for the public transport systems.

TECHNICAL SPECIFICATIONS OVERVIEW	
Parameters	A2C / A2T
Rise	1100 - 16000 mm
Inclination	3° 7' 51/6" - 52° 6"
Speed	13" - 35"
Step width	0.5 m/s (0.75 m/s max)
Intermediate support	600 mm, 800 mm, 1000 mm
Flat slip	Required for rise > 6m
Balustrade type	Glass / Stainless steel
Balustrade height	900 mm, 1000 mm, 1100 mm
Environment	Indoor / Semi-outdoor / Outdoor



ST - Horizontal

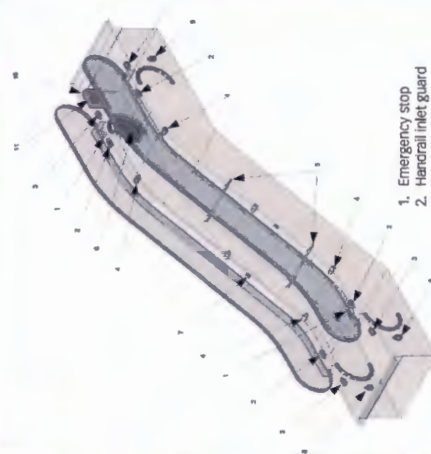


ST - Inclined

TECHNICAL SPECIFICATIONS OVERVIEW	
Parameters	ST
Step width	800 mm
Inclination	0° - 6° / 10° - 12°
Speed	0.5 m/s (0.75 m/s max)
	100 fpm (150 fpm max)
	32"
	40"
	48"
	56"
	0 - 6"

ENGINEERED
FOR SAFETY

Anlev's escalator products
have been certified by major
international standards and
are used around the world.

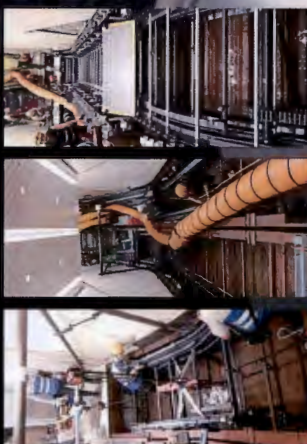


1. Emergency stop
2. Handrail inlet guard
3. Comb guard
4. Skirt guard
5. Step sag monitor
6. Non-reversing device
7. Handrail breaking monitor
8. Step chain breaking monitor
9. Drive chain breaking monitor
10. Control circuit breaker
11. Motor monitor

"In truss modernisation" solution
Eliminates the hoisting and transportation problems of bulky equipment, especially the safety concern, in an existing and operating shopping mall.

No building structural change, minimises disruption to the building and tenants during replacement works as they can remain in operation.

Without the disruption of removing the truss and replacing or upgrading the components, this upgrade provides a cost-saving and less complex solution.



UV Light Sterile

Continuous sterilisation on escalator handrails utilises UV-C LED mature technologies to kill germs, bacteria and viruses. It could be applied to all crowded public sites to reduce bacteria count on escalator.

UV-C LED disinfects the handrails effectively in an environmentally friendly way and leaves no harmful chemical residue.



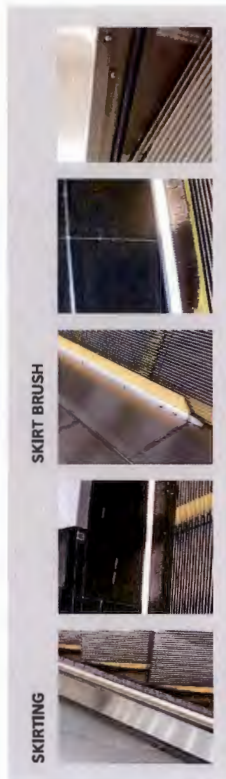
Step up to ensure your safety
The auxiliary brake in an escalator is an important safety device to stop the escalator in case of an emergency or malfunction. It acts as a backup system when the main drive chain fails.

When the drive chain of the escalator falls off or breaks accidentally, the auxiliary brake engages automatically to carry out emergency braking to stop the escalator immediately. Likewise, once overspeed or running in reversed direction is detected, the auxiliary brake will activate and prevent any further accidents.

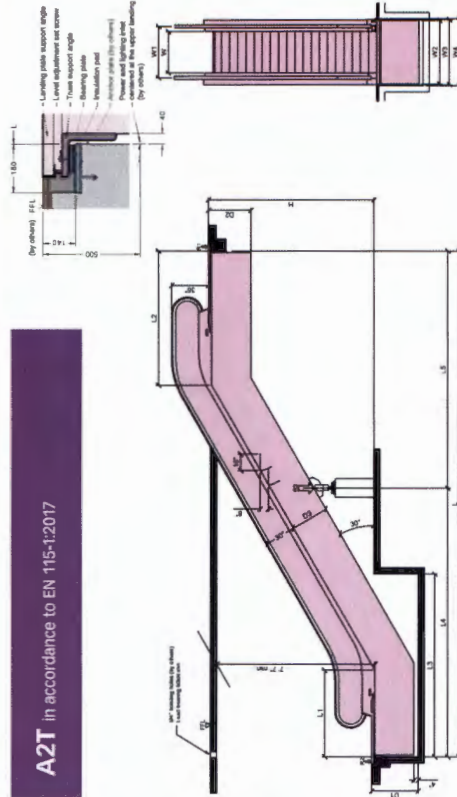
In Anlev's design, there are multiple ratchet teeth on the auxiliary brake. Comparing to traditional designs which consist of 4 or 8 ratchet teeth, we have quadrupled the ratchet teeth. When an emergency is detected, our auxiliary brake responds faster, minimising the escalator's travel distance before coming to a complete stop. This not only ensures passengers' safety, but also results in smoother stop in emergencies.



ENGINEERED BY CHOICE



A2T in accordance to EN 115-1:2017

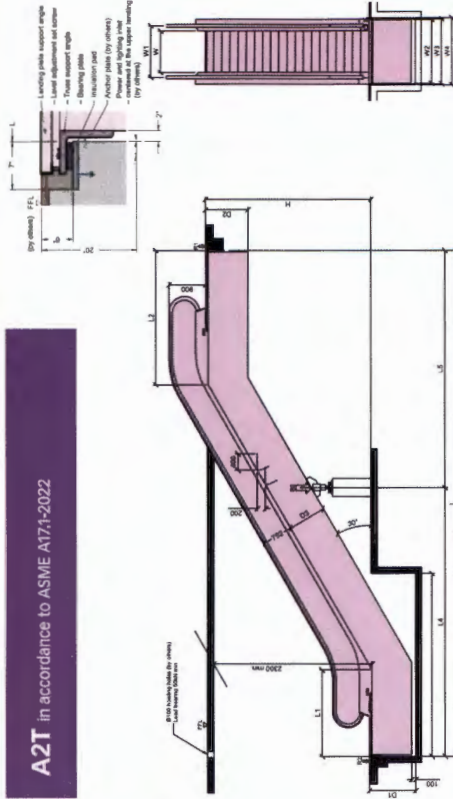


Model	A2T-30T/82	A2T-30T/102
Angle - A	30	30
Flat step	3	3
Rise - H	1100-16000	1100-16000
L	1,732H + 574S	1,732H + 804S
L1	2496	3346
L2	3249	4700
L3	4818	6200
D1	1105	1270
D2	1220	1420
D3	1045	1100
Step width - W	A2T-30T/82	A2T-30T/102
R1 (N)	0.0041L5 + 15.5	0.0041L5 + 38
600	0.0041L4 + 7.8	0.0041L4 + 26
R2 (N)	0.0042L5 + 9.5	0.0042L5 + 37
R3 (N)	0.0043L5 + 16.1	0.0043L5 + 40
R1 (N)	0.0045L4 + 7.8	0.0045L4 + 27
R2 (N)	0.0045L1 + 10.5	0.0045L1 + 39
R3 (N)	0.0051L5 + 17.5	0.0051L5 + 42.5
R1 (N)	0.0051L4 + 8.5	0.0051L4 + 28.5
1000	0.0052L1 + 11.5	0.0052L1 + 41.5
Step width - W	A2T-30T/82	A2T-30T/102
W1	600	800
W2	860	1120
W3	1240	1500
W4	1640	1700
W5	1960	2000
W6	2300	2300
W7	2660	2660
W8	3040	3040
W9	3440	3440
W10	3860	3860
W11	4300	4300
W12	4760	4760
W13	5240	5240
W14	5740	5740
W15	6260	6260
W16	6800	6800
W17	7360	7360
W18	7940	7940
W19	8540	8540
W20	9160	9160
W21	9800	9800
W22	10460	10460
W23	11140	11140
W24	11840	11840
W25	12560	12560
W26	13300	13300
W27	14060	14060
W28	14840	14840
W29	15640	15640
W30	16460	16460
W31	17300	17300
W32	18160	18160
W33	19040	19040
W34	19940	19940
W35	20860	20860
W36	21800	21800
W37	22760	22760
W38	23740	23740
W39	24740	24740
W40	25760	25760
W41	26800	26800
W42	27860	27860
W43	28940	28940
W44	29940	29940
W45	31000	31000
W46	32060	32060
W47	33140	33140
W48	34240	34240
W49	35360	35360
W50	36500	36500
W51	37660	37660
W52	38840	38840
W53	40040	40040
W54	41260	41260
W55	42500	42500
W56	43760	43760
W57	45040	45040
W58	46340	46340
W59	47660	47660
W60	49000	49000
W61	50360	50360
W62	51740	51740
W63	53140	53140
W64	54560	54560
W65	56000	56000
W66	57460	57460
W67	58940	58940
W68	60440	60440
W69	61960	61960
W70	63500	63500
W71	65060	65060
W72	66640	66640
W73	68240	68240
W74	69860	69860
W75	71500	71500
W76	73160	73160
W77	74840	74840
W78	76540	76540
W79	78260	78260
W80	80000	80000
W81	81760	81760
W82	83540	83540
W83	85340	85340
W84	87160	87160
W85	89000	89000
W86	90860	90860
W87	92740	92740
W88	94640	94640
W89	96560	96560
W90	98500	98500
W91	100460	100460
W92	102440	102440
W93	104440	104440
W94	106460	106460
W95	108500	108500
W96	110560	110560
W97	112640	112640
W98	114740	114740
W99	116860	116860
W100	119000	119000

Note : * 1) All dimensions in mm. * 2) If $H > 6000$, an intermediate support may be required, please consult Arlen. * 3) Additional space would be required for VWF.

A2 & ST SERIES 17

A2T in accordance to ASME A17.1-2022



Model	A2T-30T/82	A2T-30T/102
Angle - A	30	30
Flat step	3	3
Rise - H	3' 7 1/8" - 52" 5 15/16" 1,732H + 18" 10 3/16"	3' 7 1/8" - 52" 5 15/16" 1,732H + 26" 4 3/4"
L1	8' 2 1/4"	10' 11 3/4"
L2	10' 7 15/16"	15' 5 1/16"
L3	15' 9 11/16"	20' 4 1/8"
D1	3' 7 1/2"	4' 2"
D2	4' 1/16"	4' 7/8"
D3	3' 5 1/8"	3' 7 5/16"
Step width - W	A2T-30T/82	A2T-30T/102
24"	R1 (60) R2 (60) R3 (60)	280,94L5 + 3485 280,94L4 + 1754 280,94L4 + 5845
32"	R1 (60) R2 (60) R3 (60)	291,22L + 8318 308,35L5 + 3620 308,35L4 + 1754
40"	R1 (60) R2 (60) R3 (60)	308,35L1 + 2261 342,61L5 + 2934 370L4 + 1911 356,32L + 2385
Step width - W	A2T-30T/82	A2T-30T/102
W1	24" 9 7/8"	32" 3' 5 3/4"
W2	4" 7/8"	4' 3 3/16"
W3	3' 9 11/16"	4' 5 9/16"
		4' 11 1/16"
		5' 6 15/16"
		5' 5 3/8"
		4' 1/2"
		4' 4 1/16"

Note: * 1) Intermediate support may be required, please consult your local Anley representative. * 2) For seismic zone, please consult Anley. * 3) Additional source would be required for WVF.

[illegible]

Model	ST-0000			
L	134000 max.			
L1	5500 max.			
L2	5500 max.			
Pallet width - W	800	1000	1200	1400
W1	1035	1235	1435	1635
W2	1372	1592	1792	1992
W3	1340	1560	1760	1960
W4	1440	1640	1840	2040

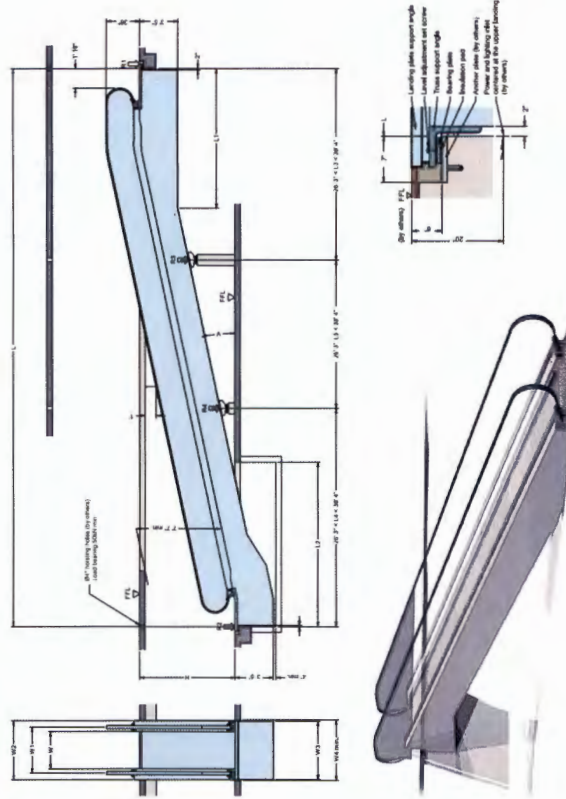
20 A2 & ST SERIES

[illegible]

Model	ST-1040	ST-1044	ST-1140	ST-1144	ST-1240	ST1244
AT89-A	10"	10"	11"	11"	12"	12"
Rise - H				1500 - 10340		
L	5,673H + 2951	5,673H + 4436	5,444H + 2977	5,444H + 4488	4,704H + 3003	4,704H + 4541
L1	3934	3934	3790	3790	3572	3572
L2	5750	7240	5300	6830	4900	6480
Pallet Width - W					1000	
W1			1035		1235	
W2			1392		1592	
W3			1340		1560	
W4			1440		1640	

A2 & ST SERIES 21

ST - Inclined In accordance to ASME A17.1-2022



Model	ST-1040	ST-1044	ST-1140	ST-1144	ST-1240	ST1244
Angle - A	10°	10°	11°	11°	12°	12°
Rise - H			4' 11" - 33' 11"			
L	5.6713H + 9' 8 3/16"	5.6713H + 14' 5 5/8"	5.1446H + 9' 9 3/16"	5.1446H + 14' 8 11/16"	4.7046H + 9' 10 1/4"	4.7046H + 14' 10 3/4"
L1	12' 10 7/8"	12' 10 7/8"	12' 5 3/16"	12' 5 3/16"	12' 9 1/6"	12' 9 1/6"
L2	18' 10 3/8"	23' 9 13/16"	17' 4 11/16"	22' 4 7/8"	16' 15/16"	21' 3 1/8"
Pallet width - W						
			36"		40"	
W1			3' 4 3/4"		4' 5/8"	
W2			4' 13 1/8"		5' 2 11/16"	
W3					5' 1 7/16"	
W4					5' 4 9/16"	

Note: * [†] Intermediate support may be required, please consult Anlex. * [‡] Additional space would be required for VWF.

A2 & ST SERIES 23



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Date: January 30, 2025

Re: FLL Airport- Southwest Elevator's Capabilities & Response to RFI

1. Ability to Provide the Required Services

Southwest Elevator is an independent union elevator company that specializes in **modernization, maintenance, new construction, and repair services** for all types of elevators and escalators, regardless of manufacturer or vintage. We have a proven track record of successfully modernizing and maintaining vertical transportation systems, including complex projects across all of markets which consists of South Florida, Central Florida, Dallas Texas, Houston Texas, Austin Texas, San Antonio Texas, and Nevada.

- **Maintenance & Repair:** Our certified union technicians, trained by the IUEC ensure that all maintenance and repair work exceeds industry-leading standards. We service all major brands of vertical transportation equipment and are able to repair any type of equipment and supply parts as we have vendor relations with all the OEM 3rd party suppliers as well as certified repair shops across the US.
- **Modernization:** Southwest Elevator exclusively uses non-proprietary equipment for modernization projects and has established strong vendor relationships with all major non-proprietary equipment manufacturers. This ensures flexibility, easier access to replacement parts, and long-term cost savings for our clients.
- **New Construction:** Southwest Elevator is a distribution partner in multiple markets with [KÖHLER Elevator GmbH](#) a renowned German-based elevator and escalator manufacturer and global supplier.
- **Schindler Equipment Experience:** Our team has extensive experience with Schindler equipment and a deep understanding of the unique challenges associated with proprietary systems. Additionally, we have a highly skilled team of mechanics, engineers, and managers, many of whom spent most of their career at Schindler, bringing invaluable expertise and insight into servicing and repairing their equipment.

2. Addressing Proprietary "Schindler Ahead" System

The "Schindler Ahead" system is a proprietary electronic monitoring system. Southwest Elevator does not monitor this system, as it is exclusive to Schindler. However, this system can be disconnected, allowing for alternative solutions, and disconnecting the system will not cause any harm to the use of your elevators.

Alternative Monitoring Solutions:

- **Third-Party Monitoring Options** – There are multiple third-party monitoring companies that specialize in providing advanced, non-proprietary monitoring solutions. These systems offer comparable or enhanced functionality if a monitoring system is important to your property.
- **Modernization Flexibility** – If modernization is required, Southwest Elevator can integrate non-proprietary equipment that allows for open-market monitoring solutions rather than being locked into a single manufacturer's system.

Thank you,

Brooke Cavinder

SW Elevators, LLC



AVIATION DEPARTMENT - Fort Lauderdale-Hollywood International Airport
320 Terminal Drive, Suite 200 • Fort Lauderdale, Florida 33315 • 954-359-6100

Response to Vendor Submissions

DATE: February 20, 2025
TO: Purchasing Division
FROM: Norman Schwartz, Expansion Project Administrator
SUBJECT: Response to Vendor Submissions for Broward County Request for Information (RFI) #PNC2120792P1 – “Escalator & Elevator Replacement and Maintenance”

After review of the RFI responses submitted by TEI Group (“TEI”) and Southwest Elevator Company (“Southwest Elevator”), Broward County's Aviation Department (“BCAD”) has concluded these companies are not able to provide modernization, replacement, maintenance and repair services for elevators and escalators at FLL.

During our vetting of the vendors’ responses two questions were posed directly via email: “Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain Schindler OEM equipment for purposes of installation, modernization, replacement of individual parts, maintenance, and repair of elevators and escalators at FLL?”, and “Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain and/or monitor Schindler OEM equipment and software as it pertains to the proprietary “Schindler Ahead” electronic monitoring system? In addition to obtaining the equipment/software in question, is your company able to install, modernize, replace, maintain (i.e updates, patches, etc.), and repair said equipment and software?”.

The response received from the representative for TEI confirmed that Schindler would not sell the equipment and software necessary for Schindler Ahead to an outside party, and that any equipment they provide would be from a third-party, not Schindler OEM. The response received from Southwest Elevator was of a similar nature, their equipment would be from third-party supplier, not Schindler, and they cannot monitor the Schindler Ahead software.

BCAD believes this confirms the proprietary nature of Schindler Ahead as per Schindler's memo and further supports our conclusion that these companies cannot perform the services required for the proposed project. Currently 148 pieces of vertical and horizontal people mover equipment are installed at FLL, of which 125 (84%) were manufactured by Schindler Elevator Corporation (Schindler). The proposed project will modernize the equipment installed in T1. Should an alternate vendor be awarded a contract for this project, the alternate vendor would have to provide, install, and maintain Schindler OEM parts, and would not have access to the proprietary Schindler Ahead electronic monitoring system already in use throughout FLL. The alternate vendor would have to provide and retrofit third party monitoring equipment and software, and BCAD would lose the dollars invested for labor and training to implement Schindler Ahead. This has been confirmed by the responses and submissions received. In addition, it isn't fiscally feasible for BCAD to operate and monitor two different systems, manage two separate maintenance agreements, and overhaul training for affected staff at FLL. The addition of an alternate manufacturer would not allow for operational compatibility, remote monitoring, and timely maintenance and repair of all units installed at FLL.

Thank you,

Norman I. Schwartz, AIA, NCARB, LEED GA | Expansion Project Administrator
Broward County Aviation Department | Airport Development
320 Terminal Drive | Suite 200 (Terminal 4) | Fort Lauderdale, FL 33315
Tel: 954-359-2302 | Cell: 954-779-0830
Email: nschwartz@broward.org

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Schwartz, Norman

From: Brooke Cavinder <bcavinder@southwestelevator.com>
Sent: Thursday, February 13, 2025 4:28 PM
To: Schwartz, Norman
Cc: Callwood, Sierra
Subject: Re: RFI Responses - T1 Elevators/Escalators

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Hi Norman –

a. Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain Schindler OEM equipment for purposes of installation, modernization, replacement of individual parts, maintenance, and repair of elevators and escalators at FLL?

Yes, we have the capability to maintain and repair Schindler OEM elevators and escalators and parts. We are a union shop just like Schindler, so we have the same talent pool we hire from and have technicians and manager that have worked on Schindler equipment 15+ years before they came to work for SWE. We maintain Schindler equipment all of the South Florida market currently and have never had any issues doing so or getting parts to repair Schindler equipment. All the OEMs have a third-party parts supplier so we can get all the same parts they can through their third-party supplier (Adams). If we were to modernize or install new equipment at the airport, we would install new Non-Proprietary equipment not Schindler equipment.

b. Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain and/or monitor Schindler OEM equipment and software as it pertains to the proprietary "Schindler Ahead" electronic monitoring system? In addition to obtaining the equipment/software in question, is your company able to install, modernize, replace, maintain (i.e. updates, patches, etc.), and repair said equipment and software?

As mentioned in my cover page we do not monitor the "Schindler Ahead" system because it is a proprietary electronic monitoring system that only Schindler can maintain. However, this system can be disconnected, allowing for alternative solutions, and disconnecting the system will not cause any harm to the use of your elevators. We can definitely modernize the elevators to not have this system, replace / remove this system.

Please let me know if you have any other questions!

--

Brooke Cavinder
Business Development Manager – Florida

6500 NW 12th Ave Suite 114
Fort Lauderdale, Florida 33309

☎ (602)-770-5787
✉ bcavinder@southwestelevator.com
🌐 www.southwestelevator.com



From: Schwartz, Norman <NSCHWARTZ@broward.org>
Date: Tuesday, February 11, 2025 at 4:00 PM
To: Brooke Cavinder <bcavinder@southwestelevator.com>
Cc: Callwood, Sierra <SCALLWOOD@broward.org>
Subject: RFI Responses - T1 Elevators/Escalators

Good Afternoon,

We have received your response to Broward County's RFI #PNC2129612F1 – "Escalator & Elevator Replacement and Maintenance". Please respond to the queries below:

- a. Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain Schindler OEM equipment for purposes of installation, modernization, replacement of individual parts, maintenance, and repair of elevators and escalators at FLL?
- b. Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain and/or monitor Shindler OEM equipment and software as it pertains to the proprietary "Schindler Ahead" electronic monitoring system? In addition to obtaining the equipment/software in question, is your company able to install, modernize, replace, maintain (i.e updates, patches, etc.), and repair said equipment and software?

Thank you,

Norman I. Schwartz, AIA, NCARB, LEED GA | Expansion Project Administrator
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Schwartz, Norman

From: Danny Benoit <dbenoit@teigroup.com>
Sent: Thursday, February 13, 2025 3:22 PM
To: Schwartz, Norman
Cc: Callwood, Sierra
Subject: RE: RFI Responses - T1 Elevators/Escalators
Attachments: cm-brochure-2023.pdf

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Please see below answers in blue and the attached brochure:

- a. Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain Schindler OEM equipment for purposes of installation, modernization, replacement of individual parts, maintenance, and repair of elevators and escalators at FLL?
 - a. Installation: NO; We purchase only third-party non-proprietary equipment but can install any type of elevator or escalator, it will just not be manufactured by Schindler.
 - b. Modernization: NO; We purchase only third-party non-proprietary equipment but can install any type of elevator or escalator, it will just not be manufactured by Schindler.
 - c. Replacement/Repair/Maintenance: YES; We purchase replacement parts from ADAMS which is Schindler's sister company that sells Schindler parts to other elevator companies. Some equipment is "unit specific" and might only be sold from Schindler and at times we are able to procure from our parts sourcing consultant but there might be limitations to some software and hardware that only Schindler can handle.
- b. Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain and/or monitor Shindler OEM equipment and software as it pertains to the proprietary "Schindler Ahead" electronic monitoring system? In addition to obtaining the equipment/software in question, is your company able to install, modernize, replace, maintain (i.e updates, patches, etc.), and repair said equipment and software?
 - a. Schindler Monitoring: NO; we cannot purchase Schindler Monitoring equipment or utilize that software platform as it is proprietary to Schindler only. We can however install a third party monitoring system that is capable of going on all different elevators and escalators (existing and new units) so that you would have the ability to hire any elevator maintenance company and not be locked to just one vendor. I have attached a brochure outlining the product and this is currently being installed in JFK's new terminal.

Danny Benoit
Vice President of Sales - Southeast Region - TEI Group
9836 Currie Davis Drive, Tampa, FL 33619
Cell: 352-206-4033



www.teigroup.com |  LinkedIn

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From: Schwartz, Norman <NSCHWARTZ@broward.org>
Sent: Thursday, February 13, 2025 9:56 AM
To: Danny Benoit <dbenoit@teigroup.com>
Cc: Callwood, Sierra <scallwood@broward.org>
Subject: RE: RFI Responses - T1 Elevators/Escalators

Danny-

Per our discussion BCAD is expecting your response by tomorrow on the questions below.

Thank you,

Norman I. Schwartz, AIA, NCARB, LEED GA | Expansion Project Administrator
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Tel: 954-359-2302 | Cell: 954-779-0830
Email: nschwartz@broward.org

From: Schwartz, Norman
Sent: Tuesday, February 11, 2025 4:01 PM
To: DBenoit@teigroup.com
Cc: Callwood, Sierra <SCALLWOOD@broward.org>
Subject: RFI Responses - T1 Elevators/Escalators

Good Afternoon,

We have received your response to Broward County's RFI #PNC2129612F1 – "Escalator & Elevator Replacement and Maintenance". Please respond to the queries below:

- a. Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain Schindler OEM equipment for purposes of installation, modernization, replacement of individual parts, maintenance, and repair of elevators and escalators at FLL?
- b. Does your company have the ability, through authorization, partnership, certification, and/or other means (please specify), to obtain and/or monitor Shindler OEM equipment and software as it pertains to the proprietary "Schindler Ahead" electronic monitoring system? In addition to obtaining the equipment/software in question, is your company able to install, modernize, replace, maintain (i.e updates, patches, etc.), and repair said equipment and software?