



NORTHWEST FLORIDA BEACHES INTERNATIONAL AIRPORT

INVITATION TO BID

The Panama City-Bay County Airport and Industrial District, dba Northwest Florida Beaches International Airport, will accept sealed bids for "Nova Baggage Lift", at the Northwest Florida Beaches International Airport until 2:00 p.m. CST, on, March 9, 2023.

Bids may be submitted in person in the Airport Administrative Office at 6300 West Bay Parkway, Box A, Panama City Beach, Florida, or via U. S. mail or courier service. Bids must be plainly marked,

“Nova Baggage Lift” – March 9, 2023

Only bids submitted on the bid sheet provided with this invitation will be considered responsive. All bids must be received by 2:00 p.m., CST on, March 9, 2023. **When submitting written bids, please submit one (1) original and one (1) copy of all documents to the Northwest Florida Beaches International Airport, 6300 West Bay Parkway, Box A, Panama City Beach, Florida 32409.** Please review all documents pertaining to this bid before submitting requested information.

Bids for the **“Nova Baggage Lift”** will be opened at 2:00 p.m. CST on March 9, 2023 in the Administrative Offices of the Northwest Florida Beaches International Airport, located at 6300 West Bay Parkway, Panama City, FL 32409.

The Airport reserves the right to reject any one or all bids, or any part of any bid, to waive any informality in any bid, and to award a contract deemed to be in the best interest of the Airport.

Northwest Florida Beaches International Airport
Darlene D. Gordan, CPA
Director of Finance and Administration

I. General Conditions

- A. The purpose of this bid is to establish a firm, fixed price for the acquisition and delivery of one (1), Nova Baggage Lift at the airport in accordance with purchasing policies of the Northwest Florida Beaches International Airport.
- B. Bids must be received in the Airport Administrative Office at 6300 West Bay Parkway, Box A, Panama City Beach, Florida, by 2:00 p.m., CST on March 9, 2023 in order to be considered responsive. Bids must be plainly marked, **“Nova Baggage Lift” – March 9, 2023.**
- C. The Airport reserves the right to reject any one or all bids, or any part of any bid, to waive any informality in any bid and to award a contract deemed to be in the best interest of the Airport.
- D. All questions regarding this bid shall be in writing and directed to accounting@pcairport.com. **Questions will be accepted until 2:00 p.m. CST on March 7, 2023.** All questions and responses will be made available on the Airport's website at: www.iflybeaches.com no later than 5 p.m. CST on March 8, 2023.
- E. If necessary for this Invitation to Bid, requests to schedule site visit, to evaluate the scope of work should be directed in writing to accounting@pcairport.com. Sight visits will be accommodated Monday through Friday between the hours of 8:00 a.m. and 4:00 p.m. through March 6, 2023.
- F. All bids must be valid for a minimum of 60 days after the bid is opened.
- G. The successful bidder shall supply the Airport with warranty information on the equipment and materials used for this project.
- H. No alterations or deviations involving extra costs will commence without a duly executed Change Order.
- I. All equipment and materials used shall be manufacturer approved for the type of application requested under this Invitation to Bid.
- J. The successful bidder shall not be liable for any failure of or delay in the performance of this Agreement for the period that such failure or delay is due to causes beyond its reasonable control, including but not limited to acts of God, war, strikes or any other force majeure event.

II. Scope of Work

The "Nova Baggage Lift" shall be provided and delivered to Airport in accordance with the attached "Nova Baggage Lift" specification and shall include all parts, and materials required for proper installation.

Scope of work task items shall include:

- Provide and deliver, to Northwest Florida Beaches International Airport, 6300 West Bay Parkway, Panama City, Florida, 32409, one (1) new, unused, Nova Baggage Lift.

III. Insurance Requirement

SC-2 Insurance

The Contactor shall procure and maintain the following described insurance, except for coverage(s) specifically waived by Owner, on policies and with insurers acceptable to Owner. These insurance requirements shall not limit the liability of Contractor.

The insurance coverage(s) and limits required of Contractor under this Invitation to Bid are designed to meet the minimum requirements of Owner and the Owner does not represent these types or amounts of insurance to be sufficient or adequate to protect the Contractor's interests or liabilities. Contractor alone shall be responsible to the sufficiency of its own insurance program.

The Contractor and the Contractor's subcontractors and sub-subcontractors shall be solely responsible for all of their property, including but not limited to any materials, temporary facilities, equipment and vehicles, and for obtaining adequate and appropriate insurance covering any damage or loss to such property. The Contractor and the Contractor's subcontractors and sub-subcontractors shall expressly waive any claim against the Owner arising out of or relating to any damage or loss of such property, even if such damage or loss is due to the fault or neglect of the Owner or anyone for whom the Owner is responsible. The Contractor is obligated to include, or cause to be included, provisions similar to this paragraph in all of the Contractor's subcontracts and its subcontractor's contracts with their sub-subcontractors.

The Contractor's deductibles/self-insurance retention's must be disclosed to Owner and are subject to Owner's approval. The Contractor is responsible of the amount of any deductible or self-insured retention. Any deductible or retention applicable to any claim or loss shall be the responsibility of Contractor and shall not be greater than \$25,000, unless otherwise agreed to, in writing, by Owner.

Insurance required of the Contractor or any other insurance of the Contractor shall

be considered primary, and insurance of Owner shall be considered excess, as may be applicable to claims or losses which arise out of or relate to the Work or this Project.

A. Workers' Compensation and Employers' Liability Insurance Coverage: The Contractor shall purchase and maintain workers' compensation and employers' liability insurance for all employees engaged in the Work, in accordance with the laws of the State of Florida. Limits of coverage shall not be less than:

- o \$500,000 Limit Each Accident
- o \$500,000 Limit Disease Aggregate
- o \$250,000 Limit Disease Each Employee

B. Commercial General Liability Coverage: Contractor shall purchase and maintain commercial general liability insurance on a full occurrence form. Coverage shall include, but not be limited to, Premises and Operations, Personal Injury, Contractual for this Contract, Independent Contractors, Broad Form Property Damage, Products and Completed Operation Liability Coverage(s) and shall not exclude coverage for the "X" (Explosion), "C" (Collapse) and "U" (Underground) Property Damage Liability exposures. Limits of coverage shall not be less than:

- o \$1,000,000 Combined Single Limit Each Occurrence
- o \$2,000,000 Aggregate Limit

Contractor shall add Owner as an additional insured through the use of Insurance Service Office Endorsements No. CG 20.20.22.85 wording or equivalent, or broader, an executed copy of which shall be attached to or incorporated by reference on the Certificate of Insurance to be provided by Contractor pursuant to the requirements of the Project Documents.

C. Business Automobile Liability Coverage: The Contractor shall purchase and maintain Business Automobile Liability Insurance as to ownership, maintenance, use, loading and unloading of all of Contractor's owned, non-owned, leased, rented or hired vehicles with limits not less than:

- o \$1,000,000 Combined Single Limit Each Accident

D. Excess or Umbrella Liability Coverage: Contractor shall purchase and maintain Excess Umbrella Liability Insurance or Excess Liability Insurance on a full occurrence form providing the same continuous coverage(s) as required for the underlying Commercial General, Business Automobile and Employers' Liability Coverage(s) with no gaps in continuity of coverage(s) or limits with Owner added by endorsement to the policy as an additional insured in the same manner as is required under the primary policies, and shall not be less than:

- o \$4,000,000 Each Occurrence/Accident

Only bids submitted on this Bid Sheet will be accepted.

Return in a sealed envelope, plainly marked

“Nova Baggage Lift”- March 9, 2023

TO: Northwest Florida Beaches International Airport,
6300 West Bay Parkway, Box A,
Panama City Beach, FL 32409

BUSINESS NAME _____

MAILING ADDRESS _____

CONTACT NAME _____ PHONE _____

EMAIL _____

The Bidder hereby agrees to deliver services required to complete the scope of work per this “Invitation to Bid” for the prices shown below:

<u>Bid Item #</u>	<u>Bid Item Description</u>	<u>Lump Sum Price</u>
#1	Provide and Deliver One (1) Nova Baggage Lift per Specification.	

PLEASE INCLUDE THE FOLLOWING:

1. Detailed price sheet
2. Exceptions sheet (if exceptions taken)
3. Product Literature
4. Copy of Warranty

Bidder certifies as follows:

- A. Bidder is an established business with a minimum of five (5) years of experience in providing services related to the performance of services outlined in this “Invitation to Bid”.

I agree to provide the above items at the prices indicated, meeting all specifications unless exceptions are noted.

By: _____
Printed Name

Signature: _____

Title: _____

Date: _____

NOVA BAGGAGE LIFT

Provide and Deliver One (1), lift as specified herein.

PRODUCT SPECIFICATIONS

The Northwest Florida Beaches International Airport is located in an identified Coastal Climate Area. As such, all equipment and materials provided under this "Invitation to Bid" shall be designed/manufactured/constructed to withstand salt air environment.

GENERAL

- All parts, materials, and equipment are to be designed and manufactured to provide optimal performance in all outdoor climate conditions.
- Successful bidder to supply technical and performance documentation for equipment to be provided.
- All equipment provided will be of the latest/newest version/model.
- All equipment provided shall be 100 percent compatible existing baggage slide to be reused.

WARRANTY

- Standard manufacturer warranty will be as provided by Equipment manufacturer but in no case will be less than 12 months from final acceptance date of project.



Nova Baggage Lift

15.5

US PATENT #

6676359



The Baggage Lift is a bridge mounted wheelchair and luggage lift that is capable of moving loads up to 500 lbs. from the bridge to the ground. It is not certified for lifting live loads, nor humans or pets. The Nova Baggage Lift has been approved for installation on JBT and ThyssenKrupp Passenger Boarding Bridges.

Weight: 1200 pounds

Rated Lifting Capacity: 500 pounds

Electrical Power Requirements:

110 VAC maximum current draw 10 amps.

Dimensions (excluding mounting arm)

Width: 60"

Length: 101"

Height: 121"

Height of Sliding Door opening: 52"

Width of sliding door opening: 50"

Low Maintenance Required

The NBL has no hydraulics or mechanical switches to fail. If the bearings for the spool shaft are greased and the cables are checked for wear twice a year then you will have an NBL in perfect working order.

Description

1) The Nova Baggage Lift (NBL) is an electrical/mechanical, bridge mounted vertical reciprocating conveyor for Lifting/lowering cargo associated with the aircraft passenger industry. It is not certified for lifting live loads, Neither people nor pets. The NBL Is approved for installation on ThyssenKrupp and JBT Passenger Boarding Bridges.

2) A sliding **gate** made of 1" square aluminum tubing is attached to a channel on the landing side of the NBL. UHMW slides provide the bearing surface to facilitate a smooth and stable way for the gate to open and Close. There is also a safety latch associated with this gate so that when the lift car is lowered, the gate cannot open.

3) The NBL **lift car** travels vertically at the rate of 45 feet per minute. The rated load capacity of the lift car is 500 pounds. The redundancy factor for the lift car is an engineered/tested minimum of 4 to 1 (2000 pounds). The lift car floor size is 4' long and 4.5' wide from the landing outboard.

a. The car has two aluminum tube containment side walls, each being 42" high. A gate to access the Nova Slide is incorporated in the sidewall closest to the Nova Slide.

b. A safety chain crosses the opening closest to the bridge. Three eyes are provided for the chain. One eye affixes the chain to the car, one eye allows the chain to be stretched across the opening and the other allows the chain end snap to be attached to the car out of the way of the opening.

c. An aluminum square tube gate is attached to the opening on the side furthest from the PBB. A piano type hinge affixes the gate to the lift car. A simple latch bar locks the gate in place.

d. The floor of the lift car has inset panels of fiberglass grating such as that manufactured by Fibergrate Corporation of Dallas Texas. The material is extremely durable and has an excellent nonskid surface.

e. A 28" width (approximately) slide entrance gate is located in the lift car side next to the Nova Slide to allow egress to the Nova Slide from the lift car.

4) The NBL **chassis** is a tubular steel (A36) welded structure. The minimum thickness of any steel used on the NBL is 11 gage (3/16"). The chassis provides for mounting points to attach the NBL to the bridge, house the various mast components, electrical components and attachment points for affixing a Nova Slide U.S. Patent 6390757. Additionally, the chassis provides mounting support for the sliding landing gate located between the bridge landing and the NBL.

5) The lift car **mast** is designed to provide a smooth telescoping method of stabilizing the lift car in its vertical travels. Additionally, it houses patent pending emergency break actuators that immediately stop the descent of the lift-car/mast in the event of a broken lift cable.

a. The fixed portion of the mast, attached to the chassis consists of extruded 6061-T6 aluminum "C" Channel, 4" web x 2" flange x 10' length. These two sections are mounted perpendicularly to the chassis base.

b. The center telescoping section is a custom extruded aluminum "I" beam with a 3.5" flange and 5" web, 10' overall length.

c. The inner mast sections are of the same 4" x 2" x 10' length "C" Channels. Spacing is determined by an upper spreader and the lift car members.

d. The mast members glide on custom UHMW wheels. There are two sizes of wheels used to correspond to the width of the track that they glide on (approximately 3.4" and 4.5" diameter). Each roller is supported in position with 1" diameter shaft. Owing to the low RPM of the wheel (less than 15 RPM) there is no detectable heat buildup and no lubrication of the wheels is ever needed.

Welding

All welds comply with AWS general welding guidelines. All welders are certified for all position welding on steel and aluminum.

Weep holes are drilled in all steel and aluminum weldments where water could possibly accumulate.

Electrical



- The Nova Baggage Lift meets or exceeds NEC code.
- All components are installed in accordance with the manufacturer's recommendations.

- 1) Gearmotor: Sew Euro Drive – 1 HP. KA67R37DRE80M4BE1HR
- 2) Variable Frequency Drive: Mitsubishi FR-E510W-0.75K-NA
- 3) Electrical Enclosures: Wiegmann, Single door with vent
- 4) Electrical Pushbutton Box: Wiegman 2 Pushbutton Enclosure Nema 4, 12, 13
- 5) Terminal connectors: DINnectors Screw type
- 6) Fuse Blocks: DINnectors
- 7) Wire:
 - a) Power Supply: 16/4 SEOWW Cord
 - b) Motor Leads: Seal-Tite with single conductor 14 gage stranded copper.
 - c) Remote Pendant: 3 conductor SO cord.
 - d) Emergency Brakes: 2 conductor SO cord.
 - e) Internal control box wiring: 16 gage, stranded.
- 8) Proximity switches: 2 types of proximity switches are used; all are UL rated for outdoor environments. Five are Sunx - Normally Open, 2 are Automation Direct – Normally Closed.
- 9) Push Buttons are Automation Direct, UL rated, 22mm weatherproof.

Emergency Brake

There is a 3/8" x 2" flat bar wedge that will be pulled down by a solenoid into gear teeth that are on the outside of the cable spool if either of the ss wire cables break.



Lifting Cables

- 1) Lifting cables: 7x19, 3/16" diameter stainless steel rope. Working strength = 2,400 lbs., tear point =10,000 pounds.
- 2) There are two cables per unit; each cable shall have a swaged eye with thimble on one end.

Mounting Arms

- 1) JBT: Mounting arm materials and installation instructions are described in JBT Installation Instructions attached herewith and are approved by JBT.
- 2) ThyssenKrupp: Mounting arm materials and installation instructions are described in TK Installation Instructions attached herewith and are approved by TK.