

**Susquehanna Area Regional Airport Authority**  
**HARRISBURG INTERNATIONAL AIRPORT**  
**UPGRADE BAGGAGE HANDLING CONTROL SYSTEM, PHASE II**  
**Contract No. 2020-001**

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**NOTICE FOR INVITATION TO BID**

Susquehanna Area Regional Airport Authority (SARAA) shall receive bids via PennBid for the bidding of Harrisburg International Airport (HIA) UPGRADE BAGGAGE HANDLING CONTROL SYSTEM, PHASE II until **2:00 PM on Wednesday, September 28, 2022**, at which time they shall be opened online and publicly posted via PennBid. The Authority will consider bids at their October 26, 2022 board meeting at 8 a.m.

**All documents and solicitation details are available at no cost on PennBid – [www.PennBid.net](http://www.PennBid.net). 2020-001**

Bids will be considered if received prior to the scheduled time that bids are to be received. The Owner assumes no responsibility for bids not received.

Bid packages will be received via PennBid and identified for the following contract:

**Harrisburg International Airport**  
**Upgrade Baggage Handling Control System,**  
**Phase II Project No. 2020-001**

The work site is located at Harrisburg International Airport, in Middletown, Pennsylvania. Contractor shall complete all work as specified or indicated in the Contract Documents. The work generally consists of upgrading the baggage handling control system. The construction scope of work includes, but is not limited to:

Migrate the existing BHS control system from ControlNet/DeviceNet to EtherNet/IP platform. Work includes:

1. All existing drives, excluding ones with magnetic starters, will be replaced with IE5/PMM (Permanent Magnet Motors) solutions.
2. Conveyor drive sections that use DeviceNet enabled VFDs, Photocells and control stations that are installed throughout the BHS will be replaced by new EtherNet/IP compatible devices.
3. All communication modules that use ControlNet/DeviceNet protocol will be replaced by EtherNet/IP ones.
4. BHS equipment such as vertical sort unit (VSU), Motor control panels (MCP) and screening EDS machines will have their communication adaptors replaced to be interfaced to the new EtherNet/IP network.
5. Existing upper-level server and computers will be upgraded to include additional reporting and graphics functionality to meet the latest PGDS V7 requirements.
6. The BHS layout will remain as is with the exception of last three belts on the threat containment unit (TCU) that will be demolished and replaced by gravity roller bed.

Complete sets of Contract Documents and Bid Forms may be obtained beginning **Monday, August 29, 2022** via PennBid. Only bidders receiving full sets of documents will be on record to receive Addenda.

All bids must be made on the official Bid Form or an exact copy by re-production thereof. Owner reserves the right to reject any and all bids, to waive any and all informalities and the right to reject all non-conforming, non-responsive or conditional bids, in the Owner's sole discretion.

No Bidder may withdraw his bid within 60 days after the actual date of the opening thereof unless award is delayed due to the required approval of another government agency, the sale of bonds, or the award of grant or grants; in which case, bids shall be irrevocable for one hundred twenty (120) calendar days in compliance with Act 317 of 1978 approved November 26, 1978. Each bid must be accompanied by a Bid Security in the amount of ten percent (10%) of the base bid in accordance with the Instructions to Bidders.