

AARHUS UNIVERSITY
SYSTEMS ENGINEERING
COMPANY H

RFP-01-00-ALL-v01-20210704

Request for proposal
BEUMER Group

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1 Version History

Ver.	Date	Initials	Description
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2 Statement of purpose

The scope of this project is to deliver the necessary control cabinets for an extension to an existing airport baggage system. The system should be able to deliver the necessary current for the entire extension without any complications.

The following describes the responsibilities for the sub-contractor:

- Deliver one Main Control Cabinet (MCC)
- Deliver four Field Control Cabinets (FCC)
- Setup and test all the delivered equipment

3 Background information

Company H was started in early 2021, it is a small business with 8 current members. The company has been subcontracted by Beumer group to provide additional extension of the baggage handling system of a large airport client, the system comprises of a primary screening level, baggage transportation and a by-pass system to ultimate control and screening. Company H has the knowledge and resources to complete the mechanical and software parts of the project but due to the internal resource situation in the electrical department, this part of the project needs to be outsourced to an external partner.

4 Request for proposal/ scope of work

This company issues a Request for Proposal for the services described in section 2. Requested is a one-time project with the goal of providing the services seen in section 2, as a minimum, fulfills all the requirements from below.

1. All components must comply to European regulations for industrial electrical components.
2. MCC must be able to supply at least 1600 amps of current.
3. Each of the 4 Field Control Cabinets must be able to supply at least 500 amps of current.
4. Expected lifetime of MCC and FCC must be at least 5 years.
5. The MCC cabinet size must be of dimensions 2.5 meters length, 2 meters high and 0.4 meters deep.
6. The FCC cabinets size must be of dimensions 1.5 meters length, 2 meters high and 0.4 meters deep.

7. The MCC and FCC cabinets must include control logic using one or more PLC's in order to control the baggage system.
8. The MCC and FCC cabinets must include power breakers for the entire system.

5 Deliverables and proposal response format

From the specified requirements in section 4, the contractor, Company H, wants 1 Main Control Cabinet and 4 Field Control Cabinet. A Preliminary Design document shall also be delivered by the subcontractor.

6 Payments and penalties

By accepting the role as a subcontractor, the subcontractor shall pay for all labor and materials while the delivery and setup of the MCC(Main Control Cabinet) and FCC(Field Control Cabinets) is ongoing. By the end of the development process, the subcontractor will receive a large one-time payment rewarding the company for the execution of work. The payment is intended to cover all foreseen and unforeseen costs and expenses generated under the delivery and setup of the MCC and FCC. However, the contractor keeps the rights to decrease the final payment if specific circumstances arise. These circumstances are tied to the execution time. This means that for each day the project is overdue a penalties will be given to the company, which will result in a lower payment, when the project is completed.

7 Process Schedule

The contract must be accepted and the project commenced at the latest on the 1st of June 2020. The projects completion date is on the 31st of August 2020.

8 Contacts

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