



FIRE • SECURITY • IT SOLUTIONS

Our Proposal Document

Client:

Tata Steel Port Talbot

Project:

Lorry Park Automated Entrance - Access Control

Services:

AMAG Symmetry Access Control

Prepared by:

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Date:

19th July 2024



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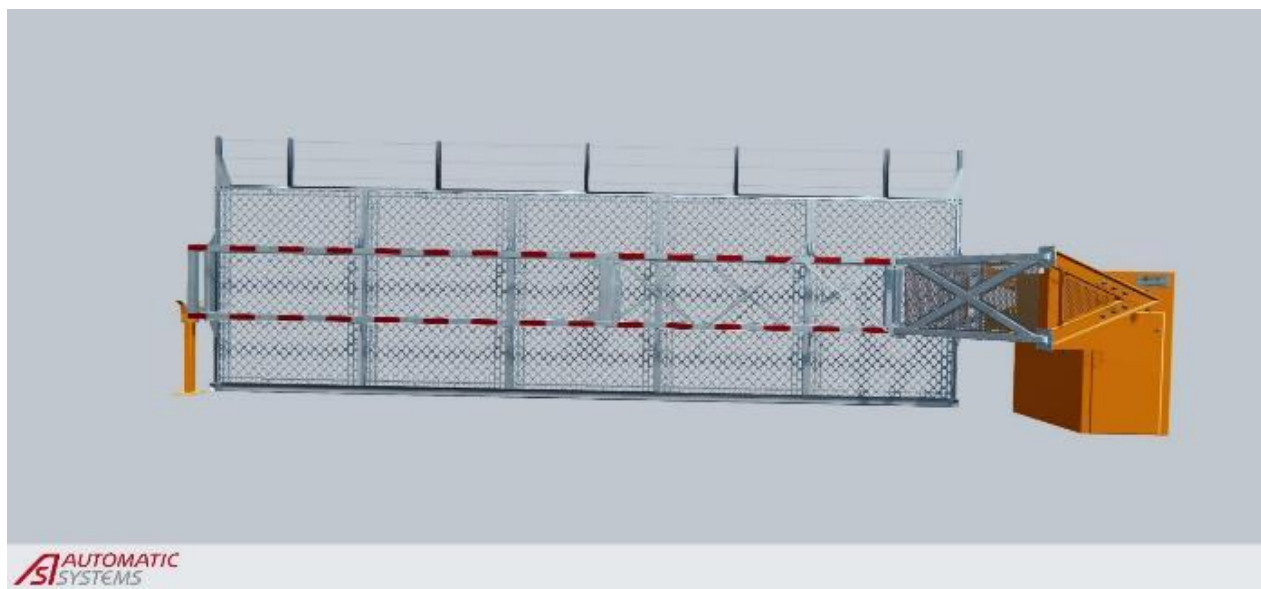
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Proposed Vehicle Barriers

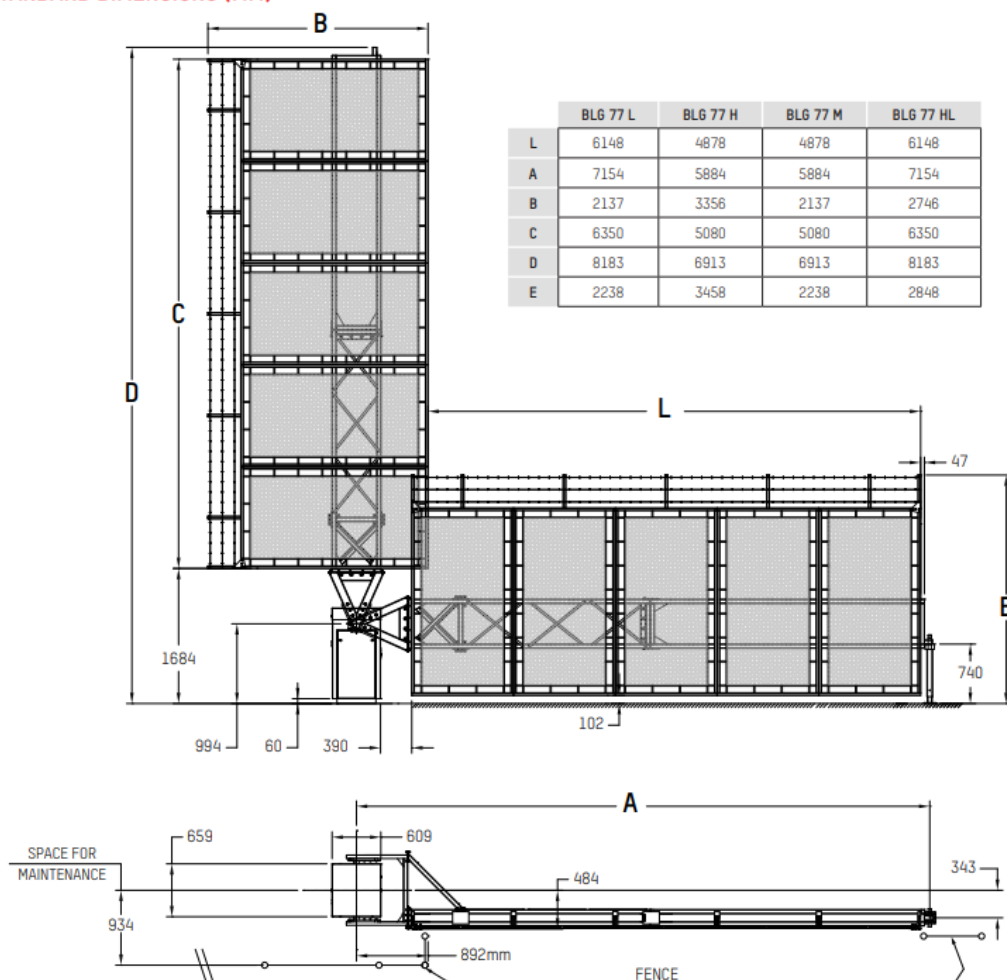
BLG77

- One Automatic Systems BLG77 rising barrier
- Complete with 6.148m boom
- Tip support (Electromagnetic)
- Push button desktop controller – 2 buttons and one key switch
- Aluminium welded frame rigid fence
- Laser opening and safety sensor – In place of loops and photoelectric cells – one laser on each side of the fence
- Battery-powered photo-electric cells for safety – two pairs at dual height on each side of fence for added detection of trucks
- Battery-powered photo-electric cells for safety – three pairs behind the housing for protection when the welded fence is in motion
- LED lights on boom
- Aluminium "STOP" sign on each side of barrier boom
- Support posts and brackets for photo-electric cells and lasers
- Four dual height BOR235 card reader/intercom posts – two on each side of the barrier
- Barrier posts to be treated with anti-saline mixture for added protection and longevity in hostile environment
- Barrier housing and intercom posts in non-standard RAL (RAL 6005 moss green)

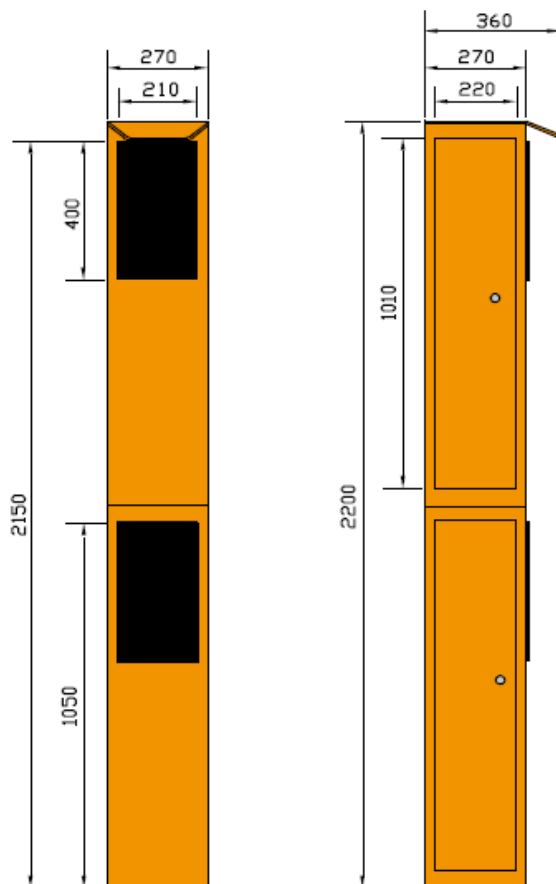
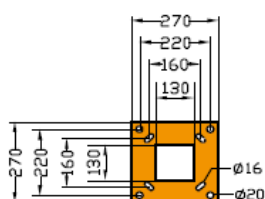
-
- All civil and electrical works are by others
 - Delivered to Port Talbot
 - Supply and install (During normal working hours) in one continuous visit



STANDARD DIMENSIONS (MM)



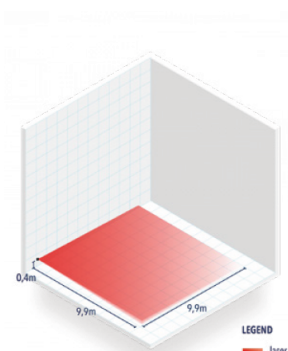
BOR235



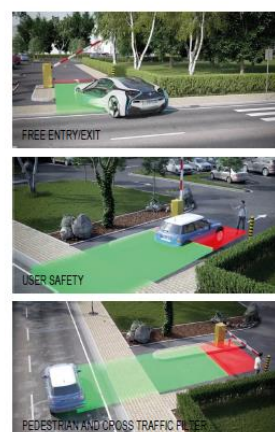
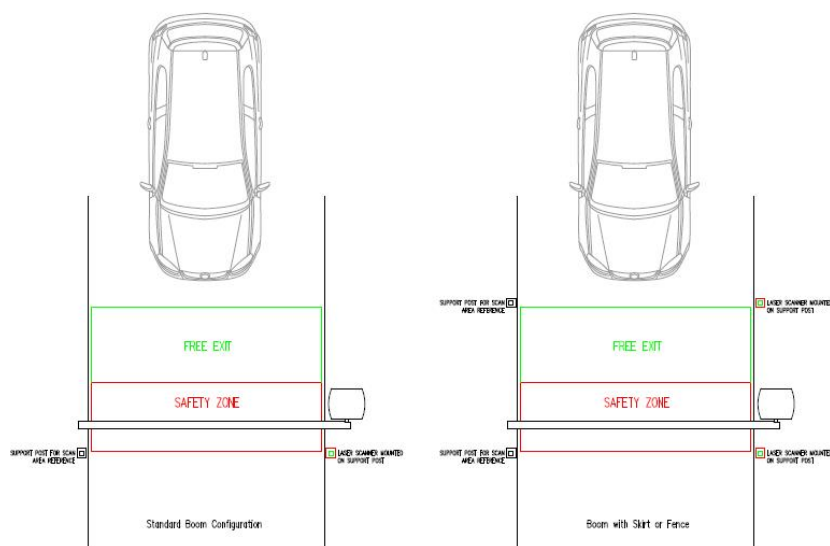
LZR-H100



TECHNICAL SPECIFICATIONS



Technology	LASER scanner, time-of-flight measurement
Max. detection range	9.9 m × 9.9 m
Emission characteristics	IR laser (CLASS 1): wavelength 905 nm; max. output pulse power 75 W Laser visible (CLASS 3R): wavelength 650 nm; max. output CW power 3 mW
Supply voltage	10-35V DC @ sensor side
Power consumption	< 5 W
Response time	motion detection: typ. 200 ms (adjustable) presence detection: typ. 20 ms; max. 80 ms
Outputs	2 electronic relays (galvanic isolated - polarity free)
Input	1 optocoupler (galvanic isolated - polarity free)
Dimensions	125 mm (D) × 93 mm (W) × 70 mm (H) (with mounting bracket + 14 mm)
Material / Colour	PC/ASA / Black
Protection degree	IP65
Temperature range	-30°C to +60°C if powered; -10°C to +60°C unpowered
Humidity	0-95 % non-condensing
Vibrations	< 2 G
Pollution on front screens	max. 30%; homogenous
Conformity	EMC 2014/30/EU; LVD 2014/35/EU; RoHS 2 2011/65/EU; MD 2006/42/EC EN 61000-6-2; EN 61000-6-3; EN 60950-1; EN 60825-1; EN 50581; EN ISO 13849-1 (PL "d" CAT 2); EN 62061 (SIL 2); EN 61496-1 (Type 2); EN 12978; EN 12453 (Device E)



EQUIPMENT SCHEDULE

Product	Code	Description	Qty
BLG77	CUSTOM: 12429	BLG77 with V-Mesh fencing in place of standard mesh	1
BLG76 &77	OP/VEH/151	Ethernet interface (AS1622)	1
BLG76 &77	OP/VEH/078	LEDs on arm - Per pair	4
BLG76 &77	OP/VEH/100	o Flashing lights (red) when closed	2
BLG76 &77	OP/VEH/105	Aluminium traffic sign (Ø 400mm)	1
BLG76 &77	OP/VEH/113	Non-standard colour - 1 barrier	1
		Treatment for aggressive saline environment - Quantity up to 5 units - Per barrier	1
		Non-standard colour - RAL6005 moss green	1
BLG76 &77	E/1910/103	BLG77 fixing frame	1
BOR235	E/B235/002	Terminal - Double height - For car & truck	4
BOR235	OP/VEH/195	Fixation frame	4
BOR235	OP/VEH/196	Treatment for aggressive saline environment - Quantity up to 5 units - Per BOR	4
BOR235	OP/VEH/201	Non-standard colour - 4 BOR	4
		Non-standard colour - RAL6005 moss green	4
BLG76 &77	S/MAT/SAV	Laser sensor – On separate post	2
BLG76 &77	S/MAT/SAV	Remote control for laser sensor	1
BLG76 &77	S/MAT/SAV	Photo-electric cell - Transmitter / Receiver - battery-powered	7
BLG76 &77	S/MAT/SAV	Support post for photo-electric cell (H = 0.713m)	9
Control	S/MAT/SAV	Desktop remote controller	1
	S/MAT/SAV	V-Mesh fencing	1
		Early delivery of fixing frame	1
Delivery	S/TRAN/VEN	Port Talbot	1
Installation	S/SHAN/023	IN NORMAL working hours - in one continuous visit	1

QUOTATION NOTES:

- All cabling and ground preparations are by others and the FFL should be flat and level.
- Our price is based on being able to commence our works on the installation time and date agreed and to complete our works in one continuous visit. If the site is not available or ready for our installation to commence or we are prevented from continuous working through to completion, we reserve the right to recover any costs incurred by way of delay or abortive visits.
- Our offer has been based upon the information provided to us at time of quotation. Should this be found to be incorrect or altered, we reserve the right to amend our pricing accordingly.
- All work is to be carried out over a single uninterrupted period, during normal working hours, Monday to Friday unless stated otherwise above.

The COVID-19 pandemic and its consequences will be considered force majeure as soon as they affect all or part of the performance of Automatic Systems' obligations.

LEAD TIME

14-15 weeks from acceptance of order and final project details and dependant on production capacity. Lead time will commence upon final receipt of all project details.

WARRANTY & MAINTENANCE

24 months warranty on parts only*

*in accordance with Automatic Systems' general terms and conditions of sale and following preventive maintenance schedule by an authorised / trained provider, as detailed in the technical manuals.

Service and Maintenance

As stated above parts warranty is included within the price, so long as preventative maintenance is carried out by an authorised provider. ASUK can offer a full service and maintenance cover for the equipment. Below is an indication of price for the first year based on the equipment detailed within this quotation.

Option 1 - Fully comprehensive - 48hrs or best endeavour

Automatic Systems can provide one year fully comprehensive parts and labour agreement for equipment Monday-Friday 8am-6pm. This includes one preventative maintenance visit in the first full year of use.

£2,490.00

Option 2 - Preventative Maintenance 72hrs or best endeavour

One preventative maintenance visit per year £1200.00

With call outs including travel charged @ £190.00 for the first hour and £85.00 thereafter - Monday-Friday 8am-6pm

INSTALLATION NOTES AND ATTENDANCES

1. We will not be liable for the site conditions such as:
 - a. Identifying the position of any electrical or other cables laid by any 3rd party whether they are situated underground or within the walls. It is the client's responsibility to supply services drawings or inform Automatic Systems of any services not identified.
 - b. That the surfaces to which we fix will take the loads we require.
 - c. Exact positioning of our equipment to be decided at time of final site survey.
2. Furthermore, we do not carry out or accept any liability whatsoever for any site Fire Risk Assessment carried out by others.
3. Should damage, expense, loss, costs, problems, or delays arise on site due to any of the above, we accept no liability for any damage, expense, loss, costs, problems or delays whatsoever.

Automatic Systems Responsibilities – General:

1. General arrangement drawings, (if applicable) based on our site survey
2. Installation includes drilling for fixing bolts

Clients Responsibilities – General

1. Provision of a dedicated power supply with an operating voltage of 230-240 Vac as detailed in our specification. This is to be made available prior to installation with power supplies ready to be connected to the gates.
2. Electrical supply for hand tools to be available.
3. We will require a local 16amp trip adjacent to each unit.
4. A localised fire alarm interface will need to be fitted adjacent with a clean pair of contacts
5. Core drilling, diamond drilling, channelling, and other civil works.
6. Floor surface should be flat and un-obstructed.
7. If hidden conduits are required, these are to be provided and installed with draw wire by yourselves
8. An area where all waste can be cleared to or a skip to be provided at no additional cost to Automatic Systems.
9. No allowance has been made for any making good of floors, walls, ceilings or finishes
10. Site preparation in accordance with our drawings. Before preparing the area, please contact us to ensure that you are in possession of the correct drawings and that they are the current version.
11. All associated builders work required
12. Card reader specifications should be sent with order
13. Approval by the local Building Control Officer, if necessary.

Clients Responsibilities – Health & Safety

1. Client is to provide a safe working area for the engineers during the installation for manoeuvring plant and materials safely. If the site is live/open to the public or other trades, the client is to provide an area with the use of barriers around the installation area to ensure the safety of those in the immediate area. We reserve the right to postpone the installation until the working area is made safe.
2. Should health and safety site inductions be required, and they are likely to take more than 30 minutes out of our scheduled installation time, then the client will be required to reimburse us every half hour lost thereafter.
3. Provide a copy of the Asbestos Register and highlight any other items that might pose a potential risk to our staff whilst on site.

Clients Responsibilities – Parking & Offloading

1. To provide sufficient parking for the engineers during installation as well as providing adequate access for loading / unloading of our equipment. Should there be parking restrictions, please notify us prior to installation providing details.
2. Assistance with the offloading of our materials if required.
3. Material Distribution to all floors, or unimpeded use of service lifts

Clients Responsibilities – Welfare Facilities

1. Client to provide toilet and wash facilities with hot and cold water and soap and a means of drying hands.

Handover

1. On test and commission, the equipment will be handed over to the site manager or equivalent.
2. We would be willing to demonstrate the equipment to a maximum of five people at one time at time of handover. Should you wish for additional members of staff to be educated on the use of the equipment or for handover to take place at a time other than at the end of our installation, we would be willing to carry out additional demonstrations; however there would be a charge for this additional service.

Working Hours

1. This quote includes for the installation to be carried out in one continuous visit during normal working hours (daytime), unless otherwise agreed in the Contract. Should the installation be required out of hours i.e. night, weekend, or public holidays- please contact us to obtain additional costs.
2. If for any reason beyond our control, we cannot carry out the installation in one continuous visit and it is necessary to leave site before the installation is complete, then an additional charge will be made to return to site



Our Terms & Conditions

Electrical & Containment Works

We have made no allowance for any form of building, civil, electrical or primary containment works within our offer.

We assume that the electrical contractor will install all 230V power supplies that are required. Power supplies should be located in accessible locations for future service and maintenance requirements. When requested, GBE Converge will provide a schedule (written format) of the required power supplies and sockets.

In line with the requirements of part P of the Building Regulations (2005) we would require sight of the appropriate electrical installation certification for this work, along with all relevant insulation and continuity readings.

Due to the nature of the systems provided full primary containment will be required.

UPS Supplies

We have made no allowance within this submission for the provision of any UPS units or supplies. Any UPS or back-up supplies are to be provided by others at no cost to GBE Converge.

Builders Works

We have made no allowance for any form of builder's works or enablement works within our offer we assume that the builder / main contractor will provide all builders works.

Due to the requirement for full containment systems for all supplied systems we assume that all builders work requests will be made to the main contractor / builder by the electrical contractor as part of their co-ordination works during containment system design. GBE Converge cannot accept any liability arising from the timing of builders' work requests.

When requested GBE Converge will provide a schedule of builders works requirements and device installation preparation. This schedule to include (but will not be limited to) ceiling tile preparation, external / decorative surface penetrations and door lock / door furniture preparation.

Access

We have peco's to gain access to the high-level tray work to install our equipment. We will also require working from stepladders within this proposal, as the latter stages of the 2nd fix and commissioning of our systems qualify as short time working and working at height within enclosed spaces creates a significant fire hazard we will where appropriate request authorisation to work from steps.

We will, where appropriate provide method statements for short time working from steps as and when necessary.

Waste

Any waste or packaging will be removed to the local skips / containers on the site that are provided by the main contractor.

Programme

Our price is based on a working sequence of a 1st and 2nd fix basis followed by a testing / commissioning visit to each area of our installation. Excessive additional attendances due to progress of other trades will be charged accordingly.

Please note that due to the nature of the systems provided final fix items will only be able to be installed in the appropriately cleaned and prepared environment.

To maintain the integrity of the supplied equipment GBE Converge will rigorously adhere to the terms as detailed within our commissioning method statement.

Training

We have allowed for 1 No. operator training hour within this offer.

Drawings

We have allowed for the production of 1 no. sets of hard copy "as fitted" drawings, and one soft copy (either CD or email) which will be available 2 weeks from practical completion and handover of our systems. These drawings are based on us being provided with soft copy (either CD or email) layout drawings in AutoCAD format.

O&M Documentation

We have allowed for the production of 1 no. sets of hard copy O&M documents, and one soft copy (either CD or email), which will be available 2 weeks from practical completion and handover of our systems.

Warranty / Maintenance

All of our installations come with a 12 months warranty and defects & liabilities period. This is based upon the system being maintained in line with manufacturer's recommendations. GBE Converge offers a wide range of maintenance packages to suite your needs. Our maintenance team will contact the user of the system to discuss this in greater detail at completion.

Terms & Conditions

This offer is based upon GBE Converge's standard terms and conditions of sale.

Validity

This quotation is valid for a period of 60 days from date of issue.