



Door Type	Type A
ID	D01, 02, 03, 17, 18, 19, 20, 21, 22, 23,
Room Name	Platforms 1, 2, 3 & 4
Quantity	10
Structural opening Size	1 900x2 100
Wall Thickness	See Plans - 280mm R.C. Wall
Door Description & finish	Top hung aluminium framed glass door. See detailed specification alongside. Powder coated to later colour specification.
Door frame & finish	N/A Powder coated finish to later colour specification.
Glazing	Glass type and coating to match fixed glazing by others.
Ironmongery	N/A
Notes	Refer to detailed specification alongside. Sliding doors are to be installed at a gradient parallel to the longitudinal fall on the platform.

DOOR TYPE A SPECIFICATION

Supply Frost International automatic sliding operators on Aluminium framed glass sliding doors to the following specifications:

Automatic sliding door operator specification:

Automatic sliding door operator to link seamlessly with Station Interface System for Station Door Control by BRT buses (to later client specification) enabling the sliding door leaves to be opened/ closed as required from the bus controls to ensure complete safety and user friendliness in operation, with further link to Centralised Control System with system enabling fault/ maintenance reporting to site specific doors/stations. Cost of the above links to be included in automatic sliding door operator cost, at date of tender.

Automatic operator to be driven by a 24V 100W DC Brushless motor with microprocessor controller incorporating impact detection software and incorporating standard fail safe motor lock. Hardened aluminium track to include hardened aluminium replaceable and re-usable track insert on which 2 no. double roller hanger assemblies, per door leaf, run, including anti-lift mechanism. Internal channel floor guides including 19mm x 19mm channel in bottom rail of door leaf. Automatic operator to include remote control receiver/sender for over-ride activation possibilities

Automatic operator to have mounting & carrier components consisting of aluminium and grade 304 stainless steel, no mild steel components allowed.

Size of automatic sliding door operator to be 160mm x 136mm.

General notes:

The successful automatic sliding door manufacturing company is to have a proven track record in the manufacture & installation of sliding door operators as specified above & have the ability & proven track record to install the associated devices & software on the buses to interface with the station doors.

The successful automatic sliding door manufacturing company is to be sub contracted directly to the approved Main Contractor awarded the project.

The automatic sliding door operator manufacturer is to also manufacture and supply the automatic sliding door leaves as specified, to ensure one stop responsibility.

Automatic sliding door operator to be a South African designed operator and to be manufactured and supplied by a South African owned company (proof of shareholding to be submitted with tender), with a minimum Certified Accredited Level 1 BBEE status (certificate to be submitted with tender).The automatic sliding door operator to have a minimum 95% South African material component with the ability to locally change software to client's specific needs on this project.

DOOR TYPE B SPECIFICATION

Supply Frost International automatic sliding operators on Aluminium framed glass sliding doors to the following specifications:

Automatic Telescopic sliding door operator specification - non Bus side:

Automatic operator to be driven by a 24V 100W DC Brushless motor with microprocessor controller incorporating impact detection software and incorporating standard fail safe motor lock. Hardened aluminium tracks to include hardened aluminium replaceable and re-usable track insert on which 2 no. double roller hanger assemblies, per door leaf, run, including anti-lift mechanism. Internal channel floor guides including 19mm x 19mm channel in bottom rail of door leaf.

Activation by 2 x Active Infra-Red sensors mounted at top centre of the clear opening and include 1 x non-contact auto reverse safety light barrier to span the clear opening.

Automatic operator to have mounting & carrier components consisting of aluminium and grade 304 stainless steel, no mild steel components allowed.

Size of automatic sliding door operator to be 232mm x 136mm, to be installed within the databand.

General notes:

The successful automatic sliding door manufacturing company is to be sub contracted directly to the approved Main Contractor awarded the project.

The automatic sliding door operator manufacturer is to also manufacture and supply the automatic sliding door leaves as specified, to ensure one stop responsibility.

Automatic Telescopic sliding door operator to be a South African designed operator and to be manufactured and supplied by a South African owned company (proof of shareholding to be submitted with tender), with a minimum Certified Accredited Level 1 BBEE status (certificate to be submitted with tender). The automatic Telescopic sliding door operator to have a minimum 95% South African material component with the ability to locally change software to client's specific needs on this project.

Required design wind load:

1.5kPa in each direction, inwards & outwards

FOR CONSTRUCTION

<table border="1"> <tr> <td>CO</td> <td>FOR CONSTRUCTION</td> <td>05.02.2018</td> <td>IS</td> <td>MS</td> </tr> <tr> <td>TDO</td> <td>FOR TENDER</td> <td>02.05.2018</td> <td>IS</td> <td>MS</td> </tr> <tr> <td>REV</td> <td>DESCRIPTION</td> <td>DATE</td> <td>REV BY</td> <td>CHKD</td> </tr> </table>		CO	FOR CONSTRUCTION	05.02.2018	IS	MS	TDO	FOR TENDER	02.05.2018	IS	MS	REV	DESCRIPTION	DATE	REV BY	CHKD	<table border="1"> <tr> <td>DRG. No.</td> <td>DRAWING TITLE</td> </tr> <tr> <td></td> <td>DOOR SCHEDULE (Type Central Station) Sheet 1 of 2</td> </tr> </table>		DRG. No.	DRAWING TITLE		DOOR SCHEDULE (Type Central Station) Sheet 1 of 2	<p>GENERAL NOTE COPYRIGHT OVER ALL DESIGNS AND DRAWINGS SHALL REMAIN THE PROPERTY OF ARG DESIGN AND ANY PROVISION TO THE CONTRARY IN TERMS OF THE COPYRIGHT ACT IN ALL OF THESE ARE SPECIFICALLY EXCLUDED. ALL RELEVANT DETAILS, LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY. THE ARCHITECT ACCEPTS NO RESPONSIBILITY FOR ERRORS RESULTING FROM MISINTERPRETATION OF THE DRAWINGS. ALL WORK TO BE CARRIED OUT STRICTLY IN ACCORDANCE WITH NATIONAL BUILDING REGULATIONS (SANS 540) AND LOCAL AUTHORITY REGULATIONS. ALL DIMENSIONS ARE GIVEN IN METRES. DO NOT SCALE THE DRAWING.</p>		<p>ARCHITECT info@argdesign.co.za www.argdesign.co.za +27 21 441 2888 100 ROSSITER STREET, 7801 ROSSITER PRETORIA, SOUTH AFRICA 0650 12006, 0650 1705</p>		<p>PROJECT RUSTENBURG RAPID TRANSPORT</p>		<p>CLIENT RUSTENBURG LOCAL MUNICIPALITY</p>		<p>STATION TYPE</p>		<p>PROJECT TITLE CONSTRUCTION OF RUSTENBURG RAPID TRANSPORT (RRT) STATION SUPER STRUCTURES ZONE C - CBD "CBD" - STATION 21 (CENTRAL STATION)</p>		<p>WORKS COMPLETION PLAN (Full signature)</p>		<p>SCALE 1:50</p>		<p>SHEET 0368</p>		<p>SIZE: A3 (420x297)</p>	
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