	Business Management System Scope of Work	Document Identifier	240-00000000	Rev	1
		Date	28/11/2017		
		Page	1 of 4		

Contents


1	Overview and purpose of the <i>goods</i> and <i>services</i>	2
2	Specification and description of the <i>goods</i>	2
2.1	Procedure for submission and acceptance of <i>Supplier's</i> design	3
2.2	Other requirements of the <i>Supplier's</i> design	3
2.3	Use of <i>Supplier's</i> design	Error! Bookmark not defined.
2.4	Manufacture & fabrication	3
2.5	Factory acceptance testing (FAT)	3
2.6	Other tests and inspections and commissioning in place of use	Error! Bookmark not defined.
2.7	Operating manuals and maintenance schedules	Error! Bookmark not defined.
3	Supply Requirements	Error! Bookmark not defined.
4	specification of the <i>services</i> to be provided	4

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Rotek Industries SOC Limited and Roshcon SOC Limited

Hard copy printed on: 26 July 2022

	Business Management System Scope of Work	Document Identifier	240-00000000	Rev	1
		Date	28/11/2017		
		Page	2 of 4		

1 Overview and purpose of the *goods and services*

The purpose of the cable racking is to provide an adequate support throughout cable run. Racking for power cables and control cables shall be designed to support the cables at least every 375 mm. Control cables may have to run on cable trays or in ducting so that they are supported over their entire length. The cable racking also supports the cable on a horizontal and or vertical positioning. Cable racks give cables a maximum ventilation and increases cable protection.

Logistics and Delivery to Site

All the test certificates and other supporting documents related to the racking specifications must be made available. Eskom quality management QM58 must be adhered to

All Equipment/ material shall be protected as the case may be, carriage at site and outdoor storage during transit and at the site, strictly according to the instructions given in this specification.

The supplier shall be responsible for any damage to the equipment during delivering

Bundled materials shall be strapped rigidly with steel band over the protective covering.

Fragile materials shall be securely braced within the containers or otherwise amply fastened and packed to prevent shifting or rattling. Soft non-hygroscopic packing materials shall be placed between the hard packing materials and the fragile Equipment.

Loose material e.g. bolts; nuts, etc. shall be packed in bags with proper tagging.

All equipment shall be protected for the entire period of dispatch,

The equipment shall be transported from factory to project site with a release inspection from the client.

Inspection and test plan must submitted to be approved by Eskom prior any manufacturing commencing

Load Test Certificate to be provided

Competence Certificate to be provided (all operators)

Crane truck for delivery to be supplied (Minimum 10ton)

Spreader beams and certificate for offloading

2 Specification and description of the *goods*


Product Conformance
Hot dip galvanised after manufacture to comply with SANS 121: 2001
ISO 1461:2009 for Hot dip galvanized coatings on fabricated iron and steel articles
SANS 3575:2008 Continuous hot-dip zinc-coated carbon steel sheet of commercial and drawing qualities

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Rotek Industries SOC Limited and Roshcon SOC Limited

Hard copy printed on: 26 July 2022

	Business Management System Scope of Work	Document Identifier	240-00000000	Rev	1
		Date	28/11/2017		
		Page	3 of 4		

ISO 3575:2005 applies to carbon steel sheet of commercial and drawing qualities coated by the continuous hot-dip zinc-coating process

BS 6946:1988 Specification for metal channel cable support systems for electrical installations (British Standard)

Materials and construction

The racking material must be coated with zinc for the protection against corrosion of iron and steel structures

Hot Dipped Galvanized—for outdoor use

A catalogue that gives the information and racking data shall be provided for the full range of racking manufactured in accordance with applicable standards

Packaging

The racking must be packaged in such that is protected and do not damage the strength of the rack.

2.1 Procedure for submission and acceptance of *Supplier's* design

Details of the racking system and/or supplementary steelwork shall be submitted to the Engineer/Project Manager for acceptance before manufacturing. Drawing practice, formats, title blocks, and numbering must conform to the standards applicable for the Project, and are to be agreed between the supplier and the Project Manager during a kick-off meeting. Proposals are submitted to the Engineer/Project Manager for review and acceptance.

2.2 Other requirements of the *Supplier's* design

The manufacturing of cable racking shall be in strict accordance with the law, SABS codes of practice and standards as well as the reference drawings from the client. The supplier must provide a complete racking design drawing. The drawing must be compiled by a competent person. The Auto Cad software and or micro station can be used for the compilation of the drawings.

2.3 Manufacture & fabrication

The cable racking must be manufactured according to the applicable law, SABS codes of practice and standards as well as the reference drawings from the client. The racking must be manufactured so as to provide maximum protection against corrosion of iron and steel structures.

2.4 Factory acceptance testing (FAT)


The supplier must advise and invite the client to witness any factory acceptance testing (FAT) of the racking. The suppliers must provide the safe working loads certificate of racking, brackets, and support. The supplier must advise the client about alternative measures should the racking exceed the required maximum load on the cable rack

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Rotek Industries SOC Limited and Roshcon SOC Limited

Hard copy printed on: 26 July 2022

	Business Management System Scope of Work	Document Identifier	240-00000000	Rev	1
		Date	28/11/2017		
		Page	4 of 4		

The supplier shall prepare Quality Control Plan identifying the various stages of manufacture, quality checks performed at each stage and the Customer hold points. The document shall also furnish details of method of checking, inspection and acceptance standards/values and get the approval of the client or his representative before proceeding with manufacturing. The Client or his representative shall have the right to review the inspection reports, quality checks and results of suppliers 's in-house inspection department which are not Customer hold points and the supplier shall comply with the remarks made by the client or his representative on such reviews with regard to further testing, rectification or rejection etc.

3 specification of the *services* to be provided

- Supply and delivery and offloading of racking & earthing must be on time of required order
- Transported by road on supplier's costs and transport
- End user to be informed when delivery will be done at least 3 days upfront
- No deliveries to be done on Friday, Weekend or public holiday (Unless otherwise agreed upon)


Approved by:

Ostler Mkhonto
Senior Quality Officer

Signature: 


Date: 26/07/2022

Joseph Ledwaba
Construction Site Manager

Signature: 

Date: 26/07/2022

Ezile Mnukwa
Engineer Electrical

Signature: 

PP

Date: 26/07/2022

Controlled Disclosure

When downloaded from the document management system, this document is uncontrolled and the responsibility rests with the user to ensure it is in line with the authorised version on the system.

No part of this document may be reproduced without the expressed consent of the copyright holder, Rotek Industries SOC Limited and Roshcon SOC Limited
Hard copy printed on: 26 July 2022