

 Eskom	Scope of Work	Telecommunications
--	----------------------	---------------------------

Title: **Scope of Work for General Facilities Maintenance Contract for Telecommunications Radio Sites under Central Region (Free State, North West & Gauteng)** Document Identifier: **ETSP-202241**
 Alternative Reference Number:

Area of Applicability: **Telecommunications**

Functional Area: **Telecommunications Central Region (Ops and Field Services)**
 Revision: **1**

Total Pages: **13**

Next Review Date: **November 2025**

Disclosure Classification: **Controlled Disclosure**

Compiled by	Functional Responsibility	Authorized by
 Ernie Weyers Snr Supervisor Plant (Free State)	Boitumelo Molapisi Manager Field Services Free State	 Mark Ganesan Regional Manager Central Region
Date: 04 July 2022	Date: 04 July 2022	Date: 04-07-2022

Content

	Page
1. Introduction.....	3
2. Supporting Clauses	3
2.1 Scope	3
2.1.1 Purpose.....	3
2.1.2 Applicability	3
2.1.3 Effective date.....	3
2.2 Normative/Informative	3
2.2.1 References.....	3
2.2.2 Normative.....	3
2.2.3 Informative.....	3
2.3 Definitions	4
2.3.1 Document.....	4
2.4 Abbreviations	4
2.5 Roles and Responsibilities	4
2.6 Process for Monitoring.....	4
2.7 Related/Supporting Documents.....	4
3. Contractor Scope of Work	5
3.1 Site Location and Access Road Conditions	5
3.2 Services Required	9
3.3 Maintenance requirement.....	10
3.4 Travel, Work, Accommodation Arrangement	10
3.5 Hand Tools / Equipment / Portable Electrical Equipment and Plant Hire	10
3.6 Process for Carrying Out Work.....	11
3.7 Pricing/Quotation.....	11
3.8 Verification / Quality acceptance of Work	12
3.9 General Radio Site Conditions	13
3.10 Policies, Procedures and Standards.....	13
4. Acceptance.....	13
5. Revisions.....	13
6. Development Team	14
7. Acknowledgements	14

CONTROLLED DISCLOSURE

1. Introduction

A General Facilities Maintenance Contract is required to be established to carry out maintenance and repairs at Telecommunications radio sites under Central Region (Free State, Gauteng, North West). This document provides the scope of work for the establishment of the maintenance and repair contract on an as-and-when required basis with an external service provider and provides the list of activities that will be required as part of the contract as well as competencies/capabilities required from the third-party contractor.

2. Supporting Clauses

2.1 Scope

2.1.1 Purpose

The purpose of this document is to specify the Telecommunications requirements of services required for the maintenance and repairs contract to be procured from a third-party contractor.

2.1.2 Applicability

This document shall apply throughout Telecommunications Central Region.

2.1.3 Effective date

This document is effective from the date of the last authorizing signature

2.2 Normative/Informative

2.2.1 References

Parties using this document shall apply the most recent edition of the documents listed in the following paragraphs.

2.2.2 Normative

- [1] ISO 9001 Quality Management Systems
- [2] 32 - 727 Safety, Health, Environment and Quality (SHEQ) Policy
- [3] Occupational Health and Safety Act, No. 85 of 1993
- [4] 32 - 345 Eskom Vehicle Safety Specification

2.2.3 Informative

None

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 authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Telecommunications Holdings SOC Ltd, © copyright Telecommunications Holdings SOC Ltd, Reg No 2002/015527/30

2.3 Definitions

2.3.1 Document

None

2.4 Abbreviations

Abbreviations	Explanation
BFN	Bloemfontein
BETH	Bethlehem

2.5 Roles and Responsibilities

As described in the document content.

2.6 Process for Monitoring

Implementation of the scope will be monitored throughout the contract process.

2.7 Related/Supporting Documents

None

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 authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Telecommunications Holdings SOC Ltd, © copyright Telecommunications Holdings SOC Ltd, Reg No 2002/015527/30

3. Contractor Scope of Work

3.1 Site Location and Access Road Conditions

The table below contains information of the Radio Sites covered under this contract for Central Region. Should a site be omitted from the list, or a new site be built during the contract period, it will automatically be added to the list. Telecommunications reserves the right to remove sites from the list. The contractor will be notified of any changes. Many of the sites falling under this contract are at high altitude and are at the end of challenging gravel roads/tracks which requires 4x4/LDV's which are compliant to Telecommunication (Eskom) vehicle safety specifications.

Free State Sites

Number	Description	Housing Type	Service Centre	Access Road	Site Coordinates	Altitude
1	Bloemview RS	Brick	BFN	Sedan	29°04'54.7"S, 26°10'24"E	1460
2	Boesmans RS	Brick	BFN	Sedan	28°32'19"S, 26°18'10"E	1440
3	Brandfort RS	Brick	BFN	LDV	28°43'13"S, 26°30'24"E	1578
4	Bulsberg RS	Container	BFN	LDV	29°43'00"S, 26°31'30"E	1776
5	De Hoogte RS	Container	BFN	LDV	28°17'33"S, 25°57'23"E	1390
6	Du Toits RS	Brick	BFN	LDV	29°51'56"S, 25°59'05"E	1621
7	Gerrits RS	Brick	BFN	LDV	28°50'05"S, 26°43'53"E	1540
8	GP 667 Fibre regen	Container	BFN	LDV	29°20'36.6"S, 24°54'18.5"E	1175
9	Kloofeind RS	Brick	BFN	Sedan	29°10'14"S, 26°02'55"E	1569
10	Ladybrand RS	Brick	BFN	LDV	29°10'0.6"S, 27°22'56"E	1844
11	Langberg RS	Container	BFN	LDV	29°35'26.8"S, 25°28'04"E	1508
12	Sandy Mount RS	Container	BFN	4x4	29°46'26"S, 25°12'15"E	1623
13	Smithfield_SANDF RS	Container	BFN	4x4	30°12'20.0"S, 26°30'58.9"E	1628
14	Springfontein RS	Brick	BFN	LDV	30°16'10.3"S, 25°46'16.1"E	1736
15	Thaba Nchu RS	Brick	BFN	LDV	29°14'46"S, 26°55'4.9"E	1829

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 authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Telecommunications Holdings SOC Ltd, © copyright Telecommunications Holdings SOC Ltd, Reg No 2002/015527/30

16	Winburg RS	Brick	BFN	Sedan	28°28'46"S, 27°03'12"E	1539
17	Zastron RS	Container	BFN	LDV	30°00'27.1"S, 27°12'45.8"E	1908
18	BETHlehem RS	Brick	BET H	LDV	28°14'10"S, 28°29'50"E	1935
19	Brightside RS	Brick	BET H	LDV	28°15'44"S, 28°01'15"E	1700
20	Broodkop RS	Container	BET H	4x4	28°19'00"S, 28°12'10.7"E	1874
21	Corea RS	Container	BET H	LDV	28°23'40"S, 27°53'43"E	1921
22	Frankfort RS	Container	BET H	LDV	27°14'12"S, 28°30'05"E	1609
23	Heilbron RS	Container	BET H	LDV	27°27'36"S, 28°03'45"E	1715
24	Jordan RS	Container	BET H	Sedan	28°12'04"S, 28°16'20"E	1670
25	Leeukop RS	Container	BET H	4x4	27°29'28"S, 28°51'28"E	1854
26	Libertas RS	Brick	BET H	Sedan	28°12'26"S, 27°34'34"E	1580
27	Lindley RS	Container	BET H	LDV	27°48'24"S, 27°59'47"E	1680
28	Matlwangtlwang RS	Container	BET H	LDV	27°55'32.7"S, 27°36'17.8"E	1600
29	Mooihoeck FS RS	Container	BET H	LDV	28°36'02"S, 28°25'22"E	1972
30	Mpharane RS	Container	BET H	Sedan	28°52'35"S, 27°51'18"E	1840
31	Mt Paul RS	Container	BET H	4x4	28°21'40"S, 28°57'15"E	2044
32	Platberg FS RS	Container	BET H	4x4	28°16'06"S, 29°12'51"E	2393
33	Qwaqwaa_Sentech RS	Container	BET H	LDV	28°31'03.3"S, 28°50'47.8"E	1798
34	Reitz RS	Container	BET H	LDV	27°49'24"S, 28°24'14"E	1726
35	Sterkfontein RS	Brick	BET H	Sedan	28°30'15"S, 29°04'04"E	1840
36	Warden RS	Container	BET H	LDV	27°47'02"S, 29°09'38"E	1975
37	Baviaanskrans RS	Container	Welk om	LDV	27°22'36"S, 26°48'50"E	1369
38	Braunskop RS	Brick	Welk om	LDV	27°51'08"S, 26°56'13"E	1469
39	Louwita RS	Brick	Welk om	Sedan	27°16'41"S, 26°50'05"E	1382

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 authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Telecommunications Holdings SOC Ltd, © copyright Telecommunications Holdings SOC Ltd, Reg No 2002/015527/30

40	Mmamahabane_Transtel RS	Container	Welkom	LDV	27°58'23.72"S, 27°13'55.95"E	1524
41	Prospect_Transtel RS	Container	Welkom	LDV	27°08'35"S, 27°39'51"E	1515
42	Rustig RS	Brick	Welkom	LDV	27°25'17"S, 27°11'04"E	1501
43	Theronskop RS	Brick	Welkom	LDV	28°18'56.01"S, 26°46'44.5"E	1567
44	Vryheid GF RS	Container	Welkom	Sedan	27°57'31.5"S, 25°42'35.1"E	1329

Gauteng Sites

Number	Description	Housing Type	Service Centre	Access Road	Site Coordinates
1	Brakfontein RS	Brick	Gauteng	Sedan	26°39'9.5"S, 28°08'38"E
2	Doornkop RS	Container	Gauteng	Sedan	26°12'51"S, 27°48'03.0"E
3	Driehoek RS	Brick	Gauteng	Sedan	26°23'48.8"S, 27°43'41"E
4	Eloff RS	Container	Gauteng	Sedan	26°11'03.5"S, 28°35'33.5"E
5	Fontana RS	Brick	Gauteng	LDV	26°36'34.7"S, 27°33'19.3"E
6	Grootvlei RS	Brick	Gauteng	Sedan	26°46'15"S, 28°29'56"E
7	Grootvlei Pax	Brick	Gauteng	Sedan	26°46'15"S, 28°29'56"E
8	Libanon RS	Brick	Gauteng	Sedan	26°21'51.63"S, 27°35'22.37"E
9	Midrand Tower RS	Brick	Gauteng	Sedan	25°59'6"S, 28°09'35"E
10	MWP RS	Brick	Gauteng	Sedan	26°02'18.12"S, 28°05'8.87"E
11	Platberg RS	Container	Gauteng	4x4	26°23'31"S, 28°00'15"E
12	Primrose RS	Container	Gauteng	Sedan	26°11'7.5"S, 28°08'50.5"E
13	Sunnyridge RS	Brick	Gauteng	Sedan	26°10'07"S, 28°10'36"E
14	Vancollerscop RS	Container	Gauteng	Sedan	26°40'12.5"S, 28°43'19.5"E
15	Vlakfontein RS	Brick	Gauteng	Sedan	26°18'48"S, 28°25'59"E

North West Sites

Number	Description	Housing Type	Service Centre	Access Road	Site Coordinates
1	Biesiesvlei RS	Container	Klerksdorp	Sedan	26°15'25.6"S, 25°53'33.5"E

CONTROLLED DISCLOSURE

2	Boshoek RS	Container	Klerksdorp	Sedan	27°21'09.58"S, 24°11'57.62"E
3	Britskop RS	Brick	Klerksdorp	Sedan	26°45'58"S, 26°57'00"E
4	Carletonville RS	Container	Klerksdorp	LDV	26°24'40.53"S, 27°26'37.72"E
5	Dinokana RS	Container	Klerksdorp	LDV	25°26'46.9"S, 25°49'19.7"E
6	Dublin RS	Container	Klerksdorp	Sedan	26°27'51.25"S, 24°42'40.45"E
7	Enzelsberg RS	Container	Klerksdorp	LDV	25°25'10.5"S, 26°13'20.9"E
8	Excelsior RS	Container	Klerksdorp	Sedan	26°40'30"S, 25°14'48"E
9	Ganyesa_Vodacom RS	Container	Klerksdorp	LDV	26°41'44"S, 24°04'20"E
10	Hartebeesfontein RS	Brick	Klerksdorp	Sedan	26°41'13.19"S, 26°16'53.2"E
11	Hebron RS	Container	Klerksdorp	Sedan	26°17'41"S, 24°08'28"E
12	Kingswood RS	Container	Klerksdorp	Sedan	27°28'28"S, 25°42'49"E
13	Makgobistad RS	Container	Klerksdorp	Sedan	25°45'14.8"S, 25°04'13.6"E
14	Mariba RS	Container	Klerksdorp	Sedan	25°51'30.7"S, 24°41'24.7"E
15	Mmabatho Bricks RS	Container	Klerksdorp	Sedan	25°54'48.6"S, 25°31'55.3"E
16	Mofufutso RS	Container	Klerksdorp	LDV	26°06'58.8"S, 25°16'41.4"E
17	Mareestane RS	Container	Klerksdorp	Sedan	26°06'58.8"S, 25°16'41.4"E
18	Parys RS	Brick	Klerksdorp	Sedan	26°48'0.3"S, 27°28'54"E
19	Pretoriuskop RS	Container	Klerksdorp	4X4	26°49'51"S, 24°27'09"E
20	Schietfontein RS	Container	Klerksdorp	LDV	26°52'39"S, 26°13'48"E
21	Schweizer-Reneke RS	Container	Klerksdorp	LDV	27°07'27"S, 25°15'29.84"E
22	Silos RS	Container	Klerksdorp	Sedan	26°23'54.03"S, 26°13'7.31"E
23	Spioenkop RS	Container	Klerksdorp	Sedan	27°07'21"S, 25°39'38.2"E
24	Uitvalskop RS	Brick	Klerksdorp	Sedan	27°16'57.9"S, 24°55'38.5"E
25	Uraniaville Office	Container	Klerksdorp	Sedan	26°52'52.07"S, 26°37'2.85"E
26	Wilkoppies RS	Container	Klerksdorp	Sedan	26°49'18.58"S, 26°40'36.39"E
27	Witpoort RS	Container	Klerksdorp	Sedan	27°11'01.5"S, 26°03'42.4"E
28	Wolmaransstad Office	Container	Klerksdorp	Sedan	27°11'26.77"S, 25°57'47.20"E

CONTROLLED DISCLOSURE

29	Zeerust RS	Brick	Klerksdorp	Sedan	25°51'42.8"S, 26°02'46.7"E
30	De Wildt RS	Container	Rustenburg	Sedan	25°41'21"S, 27°59'04"E
31	Hekpoort RS	Brick	Rustenburg	4x4	25°51'37.0"S, 27°31'49.1"E
32	Holfontein RS	Container	Rustenburg	Sedan	25°17'48"S, 26°42'20"E
33	Koster RS	Container	Rustenburg	Sedan	25°56'37.4"S, 26°43'36.8"E
34	Rustenburg SABC RS	Brick	Rustenburg	Sedan	25°36'59"S, 27°07'05"E
35	Soshanguve RS	Brick	Rustenburg	Sedan	25°31'38.9"S, 28°06'37.8"E
36	Swartruggens RS	Container	Rustenburg	Sedan	25°34'04"S, 26°39'10"E
37	Lykso RS	Container	Klerksdorp	Sedan	27°12'20.5"S, 24°06'51.4"E
38	Taung RS	Container	Klerksdorp	Sedan	27°31'50.7"S, 24°36'28.9"E
39	Taung CNC	Container	Klerksdorp	Sedan	27°34'04.4"S, 24°44'37.8"E
40	Molopo RS	Container	Klerksdorp	Sedan	25°55'59.06"S, 24°16'18.53"E

3.2 Services Required

The list below is provided to give the contractor an idea of typical skills the contractor should possess in-house to be able to carry out requirements of this contract. Skills outside those identified on the list can be procured by the contractor under the “Material /Purchases/Hiring Equipment/ Professional Services at % Markup” line item in the price list.

General Facilities Maintenance Service
Concrete and building works
Carpentry
Earth testing and repairs
Electrical (including issuing of COC's)
Fencing and Gate Maintenance (including gate motors, electric fencing)
Steel work and welding
Access Road repairs/maintenance “Civil Work”
Painting
Running and termination of Cables/Earthing
Trenching and Ducting
Site stoning
Waterproofing, repairing, and sealing of roofs

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 authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Telecommunications Holdings SOC Ltd, © copyright Telecommunications Holdings SOC Ltd, Reg No 2002/015527/30

Vegetation Control (Including firebreaks, road clearance)
General Maintenance
Repairs of vandalised Brick Building and Containers (Metal, Fibreglass, Chromadek)
Minor building works
Manufacturing and installation of anti-theft cages (i.e Battery Box)
Tower Maintenance/Repairs (Working at Heights)

3.3 Maintenance requirement

1. Telecommunications sites will be evaluated to establish initial maintenance requirements. This evaluation will include a site visit to some of the Radio sites and will be conducted by the Telecommunications representative and the appointed contractor. Telecommunications will evaluate the information gathered and translate it into a scope of work per site. Additional work/maintenance may be initiated as and when if more defects are discovered. The contractor will bill Telecommunications for the initial site visits and evaluations.
2. Telecommunications will prioritize work to be done and request the contractor to provide a schedule/plan.

3.4 Travel, Work, Accommodation Arrangement

1. It is accepted that travel / work be undertaken by a certain number of personnel. This is to ensure safety when driving and working on site.
2. If more personnel are required due to the nature of the work, it should be negotiated between the Telecommunications representative and the contractor.
3. The contractor and the Telecommunications representative must agree on the schedules as planned, including the timelines, travel arrangements, resources, scope of works and accommodation.
4. Travel costs will be based on the closest ET Ops service Centre.
5. Eskom driver safety will be applicable - no transport on the back of bakkies.
6. Any deviation from the agreed schedule/plan must be communicated and negotiated with the Telecommunications representative.

3.5 Hand Tools / Equipment / Portable Electrical Equipment and Plant Hire

1. The Contractor must have the necessary Hand Tools, Equipment and Portable Electrical Equipment in-house to carry out General Facilities Maintenance.

CONTROLLED DISCLOSURE

2. Plant and/or specialized equipment can be hired under the “Material / Purchases / Hiring Equipment / Professional Services at % Mark-up” line item on the price list. This is dependent on negotiation and agreement with the Telecommunications representative.
3. Transport of tools and material that is within the capability of a LDV or 4x4 LDV, is covered under the “Travel per km” line item on the price list. Transport requiring a Truck will be covered under the “Material / Purchases / Hiring Equipment / Professional Services at % Mark-up” line item on the price list. This is dependent on negotiation and agreement with the Telecommunications representative.

3.6 Process for Carrying Out Work

1. The Telecommunications representative will provide the contractor with a request/scope of work.
2. The Contractor will then provide a quotation to the Telecommunications representative, based on the request / scope of work.
3. On acceptance of the quotation, the Telecommunications representative will provide the contractor with a Purchase or Task Order.
4. If the work changes due to unforeseen conditions identified on site, such changes must be communicated to the Telecommunications representative who will approve or disapprove such changes/variations. The contractor must provide a new/updated quotation as soon as possible. The Telecommunications representative will amend the purchase or task order accordingly.
5. All work/travel will be done in compliance with the OHS Act and Regulations.

3.7 Pricing/Quotation

1. The nature of pricing in this contract is based on time and materials.
2. The contractor will quote to carry out the required scope of work as provided by the Telecommunications representative based on the following line items:

Service Lines
Assistant Skilled - Normal time (R/hour)
Assistant Skilled - Overtime (R/hour)
Assistant Skilled - Travel time - Normal (R/hour)
Assistant Skilled - Travel time - Overtime (R/hour)
Assistant Un-skilled - Normal time (R/hour)
Assistant Un-skilled - Overtime (R/hour)

CONTROLLED DISCLOSURE

Assistant Un-skilled - Travel time - Normal (R/hour)
Assistant Un-skilled - Travel time - Overtime (R/hour)
Artisan (ie. Electrician) - Normal time (R/hour)
Artisan (ie. Electrician) - Overtime (R/hour)
Artisan (ie. Electrician) - Travel time - Normal (R/hour)
Artisan (ie. Electrician) - Travel time - Overtime (R/hour)
Supervisor - Normal time (R/hour)
Supervisor - Overtime (R/hour)
Supervisor - Travel time - Normal (R/hour)
Supervisor - Travel time - Overtime (R/hour)
Tower Work Labourer - Normal time (R/hour)
Tower Work Labourer - Overtime (R/hour)
Tower Work Labourer - Travel time - Normal (R/hour)
Tower Work Labourer - Travel time - (R/hour)
Travel - LDV/Sedan - R/Km
Travel - 4x4 LDV - R/Km
Accommodation - Per person per night
SHEQ requirements - Safety file/Documents/Appointments, Safety Equipment, PPE, etc.
Material / Purchases /Hiring Equipment / Professional Services at % Mark-up

3. In support of travel expenses (during quoting), the contractor will submit a Travel Plan containing an active Google Maps Route Link. This must match up with km and travel time (@100km/h) quoted on.
4. Travel will be calculated from the contractor's base as negotiated-on at contract award.
5. Invoices from contractor's suppliers to be submitted in support of billing against the line item "Material / Purchases / Hiring Equipment / Professional Services at % Mark-up".
6. No Travel km claims within a radius less than 50km.
7. The transport of goods beyond the capability of a LDV or 4x4 LDV, must be billed against the line item "Material / Purchases / Hiring Equipment / Professional Services at % Mark-up".
8. Maintenance visits must be scheduled together to keep travel expenses to a minimum. Telecommunications requires that the contractor submit a Travel Plan as part of the quotation process to ensure travel has been planned efficiently.

3.8 Verification / Quality acceptance of Work

1. All work to be checked for quality and completeness by Telecommunications representative before signing off and payment.

CONTROLLED DISCLOSURE

2. Photographic (video as well) proof of work done, might be requested by the Telecommunications representative as proof of quality and completeness. This will be negotiated on a per job basis or as situations arise.

3.9 General Radio Site Conditions

1. There are no toilet facilities on sites.
2. There is no water on sites.
3. There is electricity on sites.
4. There should be no fires on site.
5. Waste must be removed from site and disposed of accordingly (waste disposal management).
6. Strict compliance to Telecommunications Transmission SHEQ Policies and Procedures.

3.10 Policies, Procedures and Standards

1. All work is to be carried out according to Telecommunication's requirements, policies, procedures, and standards. These will be provided to the contractor.
2. Non-compliance or sub-standard work will be rectified by the contractor before payment is done. The cost to rectify anomalies will be for the contractor and will not be paid by Telecommunications.

4. Acceptance

This document has been seen and accepted by:

Name	Designation
Mark Ganesan	Regional Manager – Central Region
Puleng Mahapa	Senior Supervisor - Gauteng Plant Maintenance

5. Revisions

Date	Rev.	Compiler	Remarks
June 2022	1	Ernie Weyers	New document

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 authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Telecommunications Holdings SOC Ltd, © copyright Telecommunications Holdings SOC Ltd, Reg No 2002/015527/30

6. Development Team

The following people were involved in the development of this document:

- Ernie Weyers
- Sandy Nxumalo

7. Acknowledgements

N/A

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 authorized version on the system. No part of this document may be reproduced in any manner or form by third parties without the written consent of Telecommunications Holdings SOC Ltd, © copyright Telecommunications Holdings SOC Ltd, Reg No 2002/015527/30