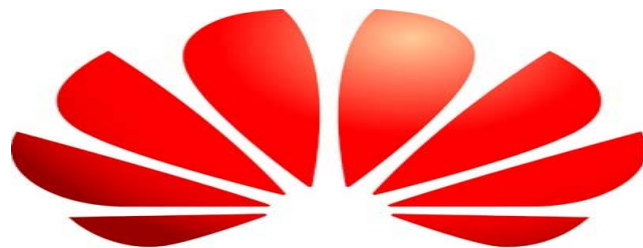




vodacom



HUAWEI

SITE NAME : **NISSAN_ROSSLYN**

SITE NUMBER : **136022**

REGION : **NGA**

Region: **NGA**
Sub-Contractor: **CELLROY**
Project Code:
Project Type:
Address:

Site Name

NISSAN ROSSLYN

Date: 15-May-20

Description:	NEW MACRO ROSSLYN, PRETORIA NORTH
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ROSSLYN, PRETORIA NORTH

Required Config:	N/A
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Required Tilts:	NA
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Equipment Installed:

Foreign: Vodacom Supply

Description	Product Code	Serial	Quantity
BBU BOX	2102311VFF	N0JB000475	1
HERT BBU Serial Number for Connection	2102311VBK	N0JB000483	1
FANF Unit for BBU5502	2102311VGW	N0JB000476	1

Antennas:

	Description	Product Code	Serial	Quantity
AAU	2102312ECQ	10K7000674		1
AAU	2102312ECQ	10K7000916		1
AAU	2102312ECQ	10K7000838		1

TMA

[illegible]

<u>Description</u>	<u>Product Code</u>	<u>Serial</u>	<u>Quantity</u>

Other:

<u>Description</u>	<u>Product Code</u>	<u>Serial</u>	<u>Quantity</u>
RRU	2102312BCY	10K2002029	1
RRU	2102312BCY	4MK4000204	1
RRU	2102312BCY	4MK4000504	1

DOCUMENT COMPLETENESS:

GSM ACCEPTANCE	Yes
EQUIPMENT SCANS	Yes
CAL DATA	N/A
PAC 1	N/A
SWEEPS	N/A
RF OBSERVATION	N/A

Final Acceptance:

RF to Spec	Yes
Accom to spec	Yes
BSS to spec	Yes
Power to spec	Yes
Site documentation	Yes
All round quality	Yes

Observations:

Notes:

Local Purchase Order:

	Qty	Type	Installed
Accommodation		N/A	
Rectifier		N/A	
Modules		N/A	
Batteries		N/A	
Battery Stand		N/A	
Aircon		N/A	
Mini Eqp Box		N/A	
UPS		N/A	
Micro Eqp Box		N/A	
Antennas		N/A	

Certifies all documents as correct and accepted

Contractor Digital Signature

M RAFUBE\ B MOSIA

Certifies all documents as correct and accepted

Vodacom Digital Signature

Certifies all documents as correct and accepted

Mobax Digital Signature

Certifies all documents as correct and accepted

Huawei Digital Signature



RF & Cap Acceptance Certificate



SITE NAME: **NISSAN ROSSLYN** SUB-CONTRACTOR: **CELLROY**

MAST TYPE: **LATTICE** REGION: **NGA**

SOW

Cellroy and Abbott to attend induction and medicals at Mine for site access
Abbott to Collect ARP Micro Container - Delivery, Placement, Positioning and Fastening on site
Collect all relevant material form Vodacom and Scan all Serialised Equipment that goes to site
Do HSE Check List and On Site Risk Assessment
Prep and Install Commscope CVV2NPX308 Antenna with Brackets on Mast
Prep and Install 900, 1800 and 2100(6SECTOR 3G) RRU's/Modules
Install Optic and DC Cable with Clamps
Install RET's + Cables
Connect all relevant Fibres/Jumpers to Huawei equipment
Install and Connect 8 Batteries with DC Cable Installation and COC
Install Mid Point Monitoring and Temperature probe
Install Outdoor and Indoor POE Camera (Tamashi/Germ)
Label all connections according to VDM Spec
Clear all debris from site and container
Site Photos and all relevant info to be handed in for document completion
Compile site file for acceptance purposes with photos

ANTENNAE

	Omni	Sector 1	Sector 2	Sector 3	Sector 4	
Antenna Supplied by:		VODACOM	VODACOM	VODACOM		
Type Number of Antenna:		TRIBAND	TRIBAND	TRIBAND		
Type Number of Antenna:						
Antenna Serial No:PW						
Antenna Serial No:AAU		10K7000674	10K7000916	10K7000838		
Antenna Serial No:KA						
Antenna Serial No:KA						
Antenna Quantity:		1	1	1		
TMA Serial No:PW						
TMA Serial No:KA						
RCU/RET Serial No:						
RCU/RET Serial No:						
RRU Serial No:		10K2002029	4MK4000204	4MK4000504		
RRU Serial No:						
RRU Serial No:						
Di/Triplexer S/N External						
Di/Triplexer S/N External						
Di/Triplexer S/N Internal						
Di/Triplexer S/N Internal						
Direction: Degrees-True North:						
Tilt Elect 900/1800/umts						
Tilt Mech						
Brackets:	Qty	Size	Qty	Size	Qty	Size
Kathrein Tilt Bracket Sets:			Power Wave Tilt Bracket Sets		Pole with Spike in m.:	
Kathrein Mounting Clamps:			Power Wave Mounting Clamps		Lattice Mast Brackets	
Standard 3 Way Bracket:			Extended 3 Way Bracket for RRU's:			

RECOVERED EQUIPMENT (list)

Quantity	Item	Quantity	Item

Subcontractor Representative:

Name	Sign:	Completion date:
M RAFUBE\B MOSIA		2020/05/15

Vodacom Representative:

Name	Sign:	Completion date:

Mobax Representative:

Name	Sign:	Completion date:

Huawei Representative:

Name	Sign:	Completion date:

VODACOM		QAULTY CHECK LIST				HUAWEI		
Site Name/Number:		NISSAN_ROSSLYN		Container S/N:	NA	Customer:	VODACOM	
Project Type:		NEW MACRO		Region :	NGA	Subcontractor:	CELLROY	
CODE	CONTAINER INSIDE			CODE	CONTAINER OUTSIDE			
SF	Walls:	OK		SF	Walls:	OK		
SF	Ceiling:	OK		SF	Base Frame:	OK		
SF	Floor:	OK		MF	Tilt Gauge:	OK		
SF	Trunking:	OK		MF	Drop Gauge:	OK		
MF	B.S. rack:	OK		MF	Earths:	OK		
MF	Flyleads:	OK		SF	Feet:	OK		
MF	DXR rack:	OK		SF	Aircons:	OK		
MF	Rectifier:	OK		LF	Container Light:	OK		
MF	Labels:	OK		LF	Sign Board:	OK		
MF	Aircons:	OK		SF	Chemical anchors:	OK		
MF	Batteries:	OK		LF	Bolts:	OK		
SF	Horizon stand:	OK			Other:			
SF	Holes:	OK						
	Other:							
CODE	AC/DC INSTALLATIONS:			COMMISSIONING				
SF	Sealed:	OK		Serial Number:				
SF	Light switch:	OK						
MF	Wiring:	OK						
SF	Drawing:	OK		CODE	FAULT DESCRIPTION	No of faults	ACTION	
SF	Labels:	OK		MF	Wrong assembly/assembly fault			
MF	Earths:	OK		MF	Faulty wiring/swapped/wrong positioning			
SF	Cut washer:	OK		MF	Missing parts/cables/modules			
SF	Bolts:	OK		MF	Lable damaged/wrong			
	Other:			MF	Power/Electrical fault			
CODE	RF INSTALLATIONS:			MF	Alarm fault			
SF	Gantry:	OK		MF	Continuity test fault			
MF	Feeders sleeves:	OK		MF	Isolation Test fault			
MF	Feeders:	OK		MF	Earthing fault			
SF	Tripple clamps:	OK		MF	Defective module			
MF	Earths:	OK		MF	Door switch faulty			
MF	Labels:	OK		MF	Rectifier faulty			
MF	Polyphasors:	OK		MF	Alarm control unit faulty			
MF	Connectors:	OK		MF	Air conditioning unit faulty			
MF	Flyleads:	OK		MF	Smoke sensor faulty			
MF	Earth kits:	OK		MF	Motion detector faulty			
MF	Line taps:	OK		MF	AC Socket plug faulty			
LF	Cable ties:	OK		SF	AC light faulty			
MF	Sealing:	OK		SF	DC light faulty			
MF	Antennas:	OK		MF	Base Station faulty			
MF	Gel seal kits:	OK		MF	Transmission equipment faulty			
SF	Ladder :	OK		MF	Lightning arrestor faulty			
SF	Other:			MF	Circuit breaker faulty/wrong rating			
CODE	Contractors section : Antennas group 1 :			MF	TAM / VSWR faulty			
Sweep Test Info - Pass or Fail per Sector and Frequency				SF	Cleanliness			
	900	1800	UMTS	MF	Equipment missing			
	Sector 1		ANTENNA SERIAL NUMBERS		Other:			
A path				OBSERVATIONS:				
B path								
	Sector 2		ANTENNA SERIAL NUMBERS					
A path								
B path								
	Sector 3		ANTENNA SERIAL NUMBERS					
A path								
B path								
Height of Antennas :								
DOCUMENTATION: ALL MF		Yes	No	Yes		No	Yes	No
SSD:				Commissioned:			Power:	
CoC:				Site diary:			Pre-Commissioned	
Telkom:				Other papers, Aircon, Batt, e.t.c				
SUB-CONTRACTOR PERFORMANCE RATING: 0 / 1 / 2				Measure Elem	Score/Rat	Remarks		
Time/delivery reliability				Delivery				
Measurement: actual time vs. agreed to project time line				Reliability	2			
Score: 2 OR 0 achieved								
Health,Safety and Environmental Management				Health,Safety				
Measurement: Adherence to of agreed policy at the workplace				Enviremental	2			
Score: Total adherence=2 No Adherence=0				Management				
Completeness and Accuracy of required documentation								
Measurement: Required vs. actual documentation delivered				Document	2			
Score:Complete documents=2Incomplete documents=1No Documentation=0				Completeness				
NOTE: 0 AND 1 REQUIRE REMARKS				Total score / rating	6	100	(Use with Caps Lock on letter 'P' to insert an arrow.)	
		Name		Signature	Date	Accepted	Rework	Remarks
Cellroy Representative :		M RAFUBEI B MOSIA			15-May-20	✓		
Vodacom Representative :						✓		
Mobax Representative :						✓		
Huawei Representative :								

Site Name:

Nissan_Rosslyn

14/05/2020

No	OMNIX PART No	PART DESCRIPTION	Qty	SN	Remark
1	H-RRU.02312BCY	RRU5905 for Multi Mode 900Mhz (2* 80W)	1	2102312BCY10K2002029	
2	H-RRU.02312BCY	RRU5905 for Multi Mode 900Mhz (2* 80W)	1	2102312BCY4MK4000204	
3	H-RRU.02312BCY	RRU5905 for Multi Mode 900Mhz (2* 80W)	1	2102312BCY4MK4000504	
4	H-BBU BOX.2102311VFF	BBU Box	1	2102311VFFN0JB000475	
5	H-BBU.2102311VBK	HERT BBU Serial Number for Connection	1	2102311VBKN0JB000483	
6	H-FANf.02311VGW	FANf Unit for BBU5502	1	2102311VGWN0JB000476	
7	H-UPEUe.02311TVH	Power and Envirment Interface unit (-48)	1	2102311TVHLUJ8007179	
8	H-UEIU.02311UDV	Universal Environment Interface control Unit	1	2102311UDVLUK1002192	
9	H-UBBPe6.2103057157	Universal Base Band Processing Unit e6	1	210305715710K6002192	
10	H-UBBPe6.2103057157	Universal Base Band Processing Unit e6	1	210305715710K6002245	
11	H-DCDU-02311TRL	POWER DISTRIBUTION BOX, OUTDOOR	1	2102311TRLUK5002594	
12	H-UMPTe2.03057252	UNIVERSAL MAIN PROCESSING & TRAN	1	210305725210J4005233	
13	023112ECQ	AAU5951, 1800 - 2100A 4T4R	1	2102312ECQ10K7000674	
14	023112ECQ	AAU5951, 1800 - 2100A 4T4R	1	2102312ECQ10K7000916	
15	023112ECQ	AAU5951, 1800 - 2100A 4T4R	1	2102312ECQ10K7000838	
16	FE9382-EHV (100149900G)	VIVOTEK Fisheye Network Camera	1	0002D16FFDCB	
17	MICRO-CON-HUA-MS	MICRO CONTAINER HAUWEI MILD STEEL	1	V/SA/19/8764	
18	27010596	GPS Antenna TG-15AE-38A-02	1	21270105963RK2001480	
19	14810055111904080187	Narada Lithium Ion Battery	0		
20	14810055111904080187	Narada Lithium Ion Battery	0		
21	14810055111904080187	Narada Lithium Ion Battery	0		
22	14810055111904080187	Narada Lithium Ion Battery	0		









