

## SDD FOR EXPANSION

SoW: 8 Port Antenna & 4T4R RRU5904 Swapped

Region: South  
Site ID: YN0194

Prepared (also subject responsible if other) <b>EMZ/ Honey Tun</b>		Document No. 001 51-SITE ID: YN0194 Uen		
Doc respons/Approved <b>ETV/OJA Hung Vu</b>	Checked	Date <b>2019-06-21</b>	Rev. <b>Exp or Swa</b>	File <b>SDD_YN0194_Exp or S</b>

**SoW Exp: 8 Port Antenna & 4T4R RRU5904 Swapped**

**Site: YN0194**

## 1 GENERAL SITE DATA

- |     |                          |  |
|-----|--------------------------|--|
| 1.1 | Geographical coordinates | Long: 96.1975<br>Lat: 16.94024   |
| 1.2 | Region                   | South  |
| 1.3 | Address                  | 12/518,Aung Pwint Phyto Street,12 Ward;<br>Shwe Paukar Township, Yangon Division |

## 4 SCOPE OF WORK FOR 8 PORT ANTENNA SWAPPED

- |     |                           |   |
|-----|---------------------------|---|
| 4.1 | Type of Expansion         | <b>8 PORT ANTENNA SWAPPED</b>   |
| 4.2 | Scope of Work             | - Dismantle existing Antennas<br>- Install new 8 Port antenna<br>- Make site on-air with 8 Port Antennas<br>- Return dismantled materials to WH |
| 4.3 | No. of Antenna Additional | <b>3</b> pcs  |
| 4.4 | Antenna model             | <b>RV365D-4X2</b>   |
| 4.5 | Antenna type              | Commscope Antenna, 8-port sector ant,2x694–960<br>& 6x 1695–2690 MHz, 65° HPBW, RET compatible  |
| 4.6 | No. of Antenna Return     | <b>3</b> pcs  |
| 4.7 | Return Antenna model      | <b>ADU451807v01</b>   |
| 4.8 | Return Antenna type       | DXX-790-960/1710-2180-65/65-17.5i/18.5i-M/M   |

## 4 SCOPE OF WORK FOR RRU SWAPPED

- |     |                            |  |
|-----|----------------------------|--|
| 4.1 | Type of Expansion          | <b>RRU SWAPPED</b>   |
| 4.2 | Scope of Work              | - Install new 4T4R RRU5904 (LTE1800) RRU<br>- Make site on-air with new RRU<br>- Return dismantled materials to WH |
| 4.3 | No. of RRU Additional      | <b>3</b> pcs   |
| 4.4 | Additional L1800 RRU Model | 02311UWH   |
| 4.5 | Additional L1800 RRU type  | RRU5904  |
| 4.6 | No. of RRU Additional      | <b>3</b> pcs   |
| 4.7 | Additional L1800 RRU Model | 02311BYE   |
| 4.8 | Additional L1800 RRU Model | RRU3959  |

Prepared (also subject responsible if other) EMZ/ Honey Tun		Document No. 1/127 11-SITE ID: YN0194 Uen		
Doc respons/Approved ETV/OJA Hung Vu	Checked	Date 2019-06-21	Rev. Exp or Swa	File SDD_YN0194_Exp or Swap

**SoW Exp: 8 Port Antenna & 4T4R RRU5904 Swapped**  
**Site: YN0194**

<b>No.</b>	<b>WH No.</b>	<b>DESCRIPTION</b>	<b>QTY/ UNIT</b>
------------	---------------	--------------------	------------------

## I. MATERIALS ADDITIONAL FOR EXPANSION

### 1 DBS3900 Materials

#### 1.1 RRU (L1800)

02311UWH	RRU5904 for Multi-Mode 1800MHz (4*60W)	3 PCS
----------	--	-------

### 2. ANTENNA SYSTEM

RV365D-4X2	Commscope Antenna, 8-port sector ant, 2x694–960 & 6x 1695–2690 MHz, 6d	3 PCS
------------	--	-------

#### 2.2 Installation Materials

'04130068	RF Cable, 6m, DIN50SM-II, COAX50-8.7/3.55, DIN50SM-II, 1/2 Inch Superflexible	xx PCS
04130697-001	RF Cable, 3m, DIN50SM-II, COAX50-8.7/3.55, 4.3-10SM, 1/2 Inch Superflexible	xx PCS
04130700-001	Radio Frequency Cable, 3m, 4.3-10SM, COAX50-8.7/3.55, 4.3-10SM, 1/2 Inch	xx PCS
02237428	DBS Antenna Feeder Installation Auxiliary Kit Per Sector, General Area	2 PCS

## II. MATERIALS RETURN AFTER EXPANSION

#### 1.1 RRU (L1800)

02311BYE	RRU3959 for Multi-mode 1800MHz (2*60W)	3 PCS
----------	--	-------

### 2. ANTENNA SYSTEM

ADU451807v01	DXX-790-960/1710-2180-65/65-17.5i/18.5i-M/M	3 PCS
--------------	---	-------

#### 2.1 RET MATERIAL

04130697-001	RF Cable, 3m, DIN50SM-II, COAX50-8.7/3.55, 4.3-10SM, 1/2 Inch Superflexible	xx PCS
04130065	RF Cable, 2m, DIN50SM-II, COAX50-8.7/3.55, DIN50SM-II, 1/2 Inch Superflexible	xx PCS
'04130068	RF Cable, 6m, DIN50SM-II, COAX50-8.7/3.55, DIN50SM-II, 1/2 Inch Superflexible	xx PCS
04130697-001	RF Cable, 3m, DIN50SM-II, COAX50-8.7/3.55, 4.3-10SM, 1/2 Inch Superflexible	xx PCS

Prepared (also subject responsible if other) <b>EMZ/ Honey Tun</b>		Document No. 1/193 32-SITE ID: YN0194 Uen	
Doc respons/Approved <b>ETV/OJA Hung Vu</b>	Checked	Date <b>2019-06-21</b>	Rev. File <b>Exp or Swap SDD_YN0194_Exp or Swap</b>

**SoW Exp: 8 Port Antenna & 4T4R RRU5904 Swapped**  
**Site: YN0194**

**UNIT** **PRODUCT CODE** **REV** **SERIAL No.** **MFG.DATE**

### I. MATERIALS ADDITIONAL FOR EXPANSION

RRU5904	02311UWH		2102311UWH6TJA102112	
RRU5904	02311UWH		2102311UWH6TJA101691	
RRU5904	02311UWH		2102311UWH6TJA101661	

#### ANTENNA

RV365D-4X2	RV365D-4X2		18IN023366211	
RV365D-4X2	RV365D-4X2		18IN023367836	
RV365D-4X2	RV365D-4X2		18IN023384662	

### II. MATERIALS RETURN AFTER EXPANSION (SWAP)

RRU3959	02311BYE		2102311BYE4MHB001547	
RRU3959	02311BYE		2102311BYE4MHB001999	
RRU3959	02311BYE		2102311BYE4MHB001987	

#### ANTENNA

'ADU451807v01	'ADU451807v01		Serial No.Not visible	
'ADU451807v01	'ADU451807v01		Serial No.Not visible	
'ADU451807v01	'ADU451807v01		Serial No.Not visible	

Prepared (also subject responsible if other) EMZ/ Honey Tun		Document No. PHT-09:0001-SITE ID: YN0194 Uen		
Doc respons/Approved ETV/OJA Hung Vu	Checked	Date 2019-06-21	Rev. Exp or Swa	File SDD_YN0194_Exp or Sv

**SoW Exp: 8 Port Antenna & 4T4R RRU5904 Swapped**

**Site: YN0194**

**Site Location**



**Tower View**



**Top of Tower View**





Prepared (also subject responsible if other)

EMZ/ Honey Tun

Document No.

PHT-09:0001-SITE ID: YN0194 Uen

Doc respons/Approved

ETV/OJA Hung Vu

Checked

Date

2019-06-21

Rev.

Exp or Swa

File

SDD\_YN0194\_Exp or Sv

**SoW Exp: 8 Port Antenna & 4T4R RRU5904 Swapped****Site: YN0194****4T4R L1800 RRU Cell A****4T4R L1800 RRU Cell B****4T4R L1800 RRU Cell C****Earth Bar of L1800 RRU**

Prepared (also subject responsible if other) <b>EMZ/ Honey Tun</b>		Document No. <b>PHT-09:0001-SITE ID: YN0194 Uen</b>		
Doc respons/Approved <b>ETV/OJA Hung Vu</b>	Checked	Date <b>2019-06-21</b>	Rev. <b>Exp or Swa</b>	File <b>SDD_YN0194_Exp or Sv</b>

**SoW Exp: 8 Port Antenna & 4T4R RRU5904 Swapped**
**Site: YN0194**
**8 Port Antenna Cell A**

**8 Port Antenna Cell B**




Prepared (also subject responsible if other)

EMZ/ Honey Tun

Document No.

PHT-09:0001-SITE ID: YN0194 Uen

Doc respons/Approved

ETV/OJA Hung Vu

Checked

Date

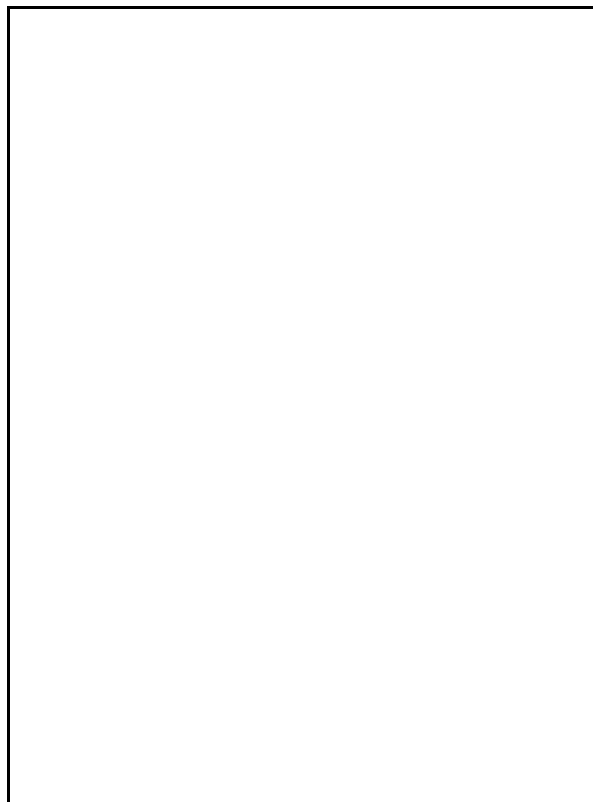
2019-06-21

Rev.

Exp or Swa

File

SDD\_YN0194\_Exp or Sv

**SoW Exp: 8 Port Antenna & 4T4R RRU5904 Swapped****Site: YN0194****8 Port Antenna Cell C****Site Area cleaned**



Prepared (also subject responsible if other) <b>EMZ/ Honey Tun</b>		Document No. <b>179 61-SITE ID: YN0194 Uen</b>		
Doc respons/Approved <b>ETV/OJA Hung Vu</b>	Checked	Date <b>2019-06-21</b>	Rev. <b>Exp or Sv</b>	File <b>SDD_YN0194_Exp or S</b>

**SoW Exp:**     **8 Port Antenna & 4T4R RRU5904 Swapped**  
**Site:**         **YN0194**

## NETWORK ELEMENT ACCEPTANCE CERTIFICATE

This is to certify that Ericsson Radio Systems AB has delivered, installed and intergrated the following Network Elements on site     **YN0194.**

The Network element acceptance has been performed in accordance with the procedures described in above mentioned contract.

Further reference should be made to the acceptance documents. The Network element passed the acceptance.

**For Project**

**For FSO**

Signature: .....

Signature: .....

Name: .....

Name: .....

Date: .....

Date: .....