

## SDD FOR EXPANSION

SoW: RRU (LTE1800), COMBINER & CARDS  
ADDITIONAL

Region: South  
Site ID: MO0682

Prepared (also subject responsible if other) <b>EMZ/ Honey Tun</b>		Document No. 001 51-SITE ID: MO0682 Uen		
Doc respons/Approved <b>ETV/OJA Hung Vu</b>	Checked	Date <b>2019-03-29</b>	Rev. <b>Exp</b>	File <b>SDD_MO0682_Exp</b>

**SoW Exp: RRU (LTE1800), COMBINER & CARDS ADDITIONAL**

**Site: MO0682**

## 1 GENERAL SITE DATA

- |     |                          |  |
|-----|--------------------------|--|
| 1.1 | Geographical coordinates | Long: 97.718261<br>Lat: 16.258404                          |
| 1.2 | Region                   | South  |
| 1.3 | Address                  | Holding No (143/22), Field No (944/1-Mudone Kwin), N<br>xx |
| 1.4 | Type of Site             | <b>Green Field</b>   |
| 1.5 | Equipment location       | Outdoor cabinet  |
| 1.6 | Floor material           | Concrete   |

## 3 SCOPE OF WORK FOR PROCESSING CARD ADDITIONAL (LTE1800)

- |     |                   |   |
|-----|-------------------|---|
| 3.1 | Type of Expansion | <b>PROCESSING CARD ADDITIONAL (LTE1800)</b>   |
| 3.2 | Scope of Work     | - Remove existing Processing Cards (IF REQUIRED)<br>- Install new Processing Cards on existing BBU<br>- Return dismantled materials to WH (IF REQUIRED) |

- 3.3 No. of Processing Cards Additional

- 3.4 Processing Cards type

**1**  
**UBBPd6**

## 4 SCOPE OF WORK FOR RRU (LTE1800) ADDITIONAL

- 4.1 Type of Expansion

- 4.2 Scope of Work

### RRU (LTE1800) ADDITIONAL

- Install new RRU3959(L1800)
- Make site on-air with RRU3959(L1800)

- 4.3 No. of RRU3959(L1800) Additional

- 4.4 3G RRU (LTE1800) model

**3** pcs  
**02311BYE**

## 5 SCOPE OF WORK FOR COMBINER ADDITIONAL

- 5.1 Type of Expansion

- 5.2 Scope of Work

### COMBINER ADDITIONAL

- Install new Commscope Combiner
- Install new Jumper cable
- Make site on-air with Combiner

- 5.3 No. of Combiner Additional

- 5.4 Additional Combiner Model

**3** pcs  
**E1105P82**

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No.	WH No.	DESCRIPTION	QTY/ UNIT
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**I. MATERIALS ADDITIONAL FOR EXPANSION****1 DBS3900 Materials****1.1 RRU (L1800)**

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

03022HEM	UBBPd6 - Universal Baseband Processing Unit d6	1 PCS
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**2.2 Installation Materials**

25030429	Power Cable,450V/750V,60227 IEC 02(RV),16mm^2, Yellow/Green,85A,CC	9 M
02237428	DBS Antenna Feeder Installation Auxiliary Kit Per Sector,General Area	4 PCS
34060365	Optical Transceiver,eSFP,850nm,4.25G multi-rate,-9dBm~-1.5dBm,-15dBm	6 PCS
14130792	80m,Optical Cable Assembly,DLC/PC,DLC/PC,Multi-mode,GYFJH 2A1a(LS	3 PCS
25030891	Power Cable,300V,UL2464,2x10AWG,Black(2Cores:Blue,Black),42.5A,Shie	xx M
27150086	Cable Fixing Clamp,6 Runs(2x3 stacks),C Type Bracket,for Optical Cable +	### PCS

**3 COMMSCOPE COMBINER**

E1105P82	E1105P82_Combiner	3 PCS
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UNITPRODUCT CODEREVSERIAL No.MFG.DATE**I. MATERIALS ADDITIONAL FOR EXPANSION**

<b>RRU (L1800)</b>			
RRU3959	02311BYE	2102311BYE4MG8006782	
RRU3959	02311BYE	2102311BYE4MH6007502	
RRU3959	02311BYE	2102311BYE4MH7001217	
<b>PROCESSING CARDS</b>			
UBBPd6	03022HEM	022HEM10J8007851	
<b>COMBINER</b>			
E11F05P82 02_Combiner	E11F05P82 02	K4377959	
E11F05P82 02_Combiner	E11F05P82 02	K4377975	
E1105P82_Combiner	E11F05P82 02	K4377996	

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#### Site Location



#### Tower View





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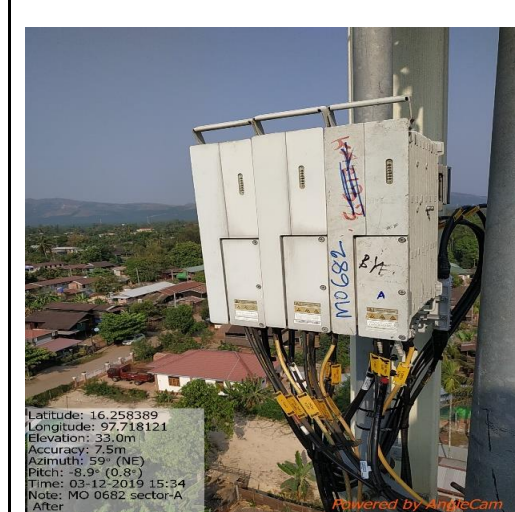
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Site: **MO0682**

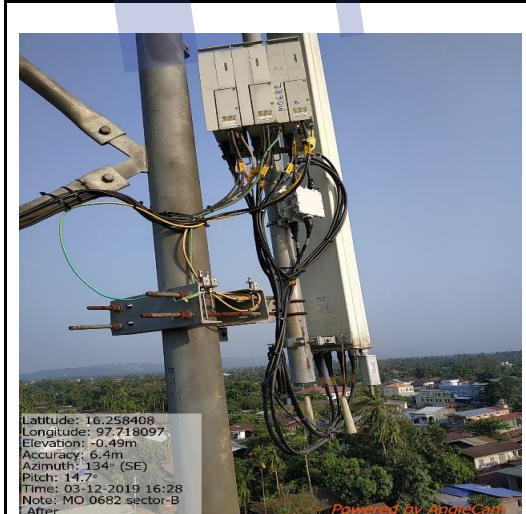
Existing Antenna Cell A



RRU 2G&3G&LTE1800 Sector Cell A



Existing Antenna Cell B



RRU 2G&3G&LTE1800 Sector Cell B



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Existing Antenna Cell C



RRU 2G&3G&LTE1800 Sector Cell C



Combiner Cell A



Combiner Cell B





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Combiner Cell C



Earth bar of L1800 RRU



Card Additional





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**SoW Exp: RRU (LTE1800), COMBINER & CARDS ADDITIONAL****Site: MO0682****Site Area cleaned**

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## NETWORK ELEMENT ACCEPTANCE CERTIFICATE

This is to certify that Ericsson Radio Systems AB has delivered, installed and intergrated the following Network Elements on site **MO0682**.

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: .....

Name: .....

Date: .....

Signature: .....

Name: .....

Date: .....