



PT. SINAR KASIH TEKNOLOGI INDONESIA

Telecommunication - Elektrical

Komplek Mangsang Permai Blok C No. 182 Kec. Sei Beduk Kota Batam

Telp.: 0778-7499112 Phone: 0812 774 4312 WA: 0851 0304 4312

Email: ptsinarkasiteknologiindonesia@gmail.com

INVOICE 018/SKTI-BTM/X/2024

PUO/24/0184

Kepada Yth Dirut PT.BATAM BINTAN TELEKOMUNIKASI

Tanggal PUO/30 September 2024

Jln Markisa Batamindo Industrial Park Muka Kuning

Pekerjaan

Pointing radio ceragon IP.20 link MKK to Lobam

ID	JENIS	KETERANGAN	QTY	SATUAN	NOMINAL	TOTAL
1	jasa	Pointing radio ceragon Site tower B7 MKK	1	unit	3.750.000	3.750.000
2	jasa	Pointing radio ceragon Site tower LOBAM	1	unit	3.750.000	3.750.000
3	jasa	Transportasi / Mobilisasi	1	unit	500.000	500.000
Grand Total						8.000.000

Batam 10 Oktober 2024

PT.SINAR KASIH TEKNOLOGI INDONESIA

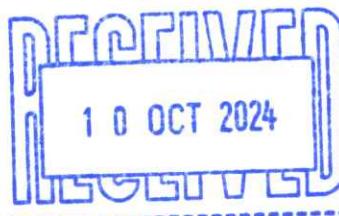
NO REKENING : 109-001-6901-795

ATAS NAMA: PT.SINAR KASIH TEKNOLOGI INDONESIA

BANK: MANDIRI KCP BATAM PANBIL



Romulo Nadeak



Kode

JUST/24/0377

Judul

Pointing radio ceragon IP.20 link MKK to Lobam

Tanggal Pengajuan

20 Sep 2024

JenisJustifikasi umum

Dasar Pengajuan
Perlu nya melakukan pointing radio disebabkan oleh badai angin di pulau batam yang berakibat pada pergeseran posisi antena, sehingga RX level saat ini tinggi yaitu -68 dBm menyebabkan koneksi radio ke kawasan industri LOBAM intermittent, sehingga trafik internet ke lokasi tersebut menjadi tidak stabil.

LogoutConnectionAdmin

Lobam to MKK 87.5: Radio Parameters

Filter

Unit Summary

Radio Summary

Platform

Faults

TDM

Native TDM Services

Interfaces

Diagnostics

PM & Statistics

Groups

Radio

Radio Parameters

IF Combining

Remote Radio Parameters

Radio BER Thresholds

ATPC

Payload Encryption

Ethernet Interface

MRMC

PM & Statistics

Diagnostics

Groups

Ethernet

Sync

Status Parameters

Radio LocationRadio: Slot 3, Port 1

Type1500HP RFU

Part Number0131296

Serial-NumberF33000136

Running Software Version08.13a28

XPIC supportYes

Radio Interface operational statusUp

Operational TX Level (dBm)27

RX Level (dBm)-63

Modem MSE (dB)-31.42

Modem XPI (dB)0.00

Defective Blocks274562Clear Counter

TX Mute StatusOff

Adaptive TX power operational statusDown

Temperature47°C, 116°F

Frequency control (Local)

TX Frequency (MHz)8207.270(7713.250 .. 8486.750)

RX Frequency (MHz)7805.050(7713.250 .. 8486.750)

Page Refresh Interval (Seconds)None

Informasi Tambahan

Kriteria

: Opex Operasional

Lokasi Pengiriman

: KANTOR BATAM

Tanggal Pengiriman

: 20 Sep 2024

A. Rincian Biaya

NO	BARANG	HARGA / UNIT	QUANTITY	UNIT BARANG	SUBTOTAL
TOTAL					0

NO	JASA	HARGA / UNIT	QUANTITY	UNIT JASA	UNIT KONTRAK	KONTRAK	SUBTOTAL
1.	Pointing radio ceragon Site tower B7 MKK	4,000,000	1	unit	N/A	1	4,000,000
2.	Pointing radio ceragon Site tower LOBAM	4,000,000	1	unit	N/A	1	4,000,000
3.	Transportasi / Mobilisasi	500,000	1	unit	N/A	1	500,000

Kode	JUST/24/0377
Judul	Pointing radio ceragon IP.20 link MKK to Lobam
Tanggal Pengajuan	20 Sep 2024

NO	SUBTOTAL	TOTAL
1. Barang		0
2. Jasa		8,500,000
Total		8,500,000

Inventory

NO	BARANG	HARGA / UNIT	QUANTITY	UNIT BARANG	SUBTOTAL
				TOTAL	0

B. Sumber Anggaran

Anggaran : OPEX (# OPEX)

Kontrol Anggaran

Sub Anggaran	Rencana Pemakaian	
Corrective Maintenance Expense (# 231092)	Rp. 8,500,000	 APRIANSAH Finance Manager DateTime : 2024-09-24 14:48:39
Sisa Budget	636,544,406	

Diajukan oleh,

Diperiksa oleh,

Disetujui oleh,

Disetujui oleh,


IBRAHIM
Senior Field Operation Officer
DateTime : 2024-09-24 09:53:25


EDDY NAIBAHO
Deputy CORO
DateTime : 2024-09-24 09:21:55


TIMBUL NAINGGOLAN
Chief Operational & Regulatory
Officer - GM Kepri
DateTime : 2024-09-24 12:39:34


ROBBY SUSILO
Chief Financial & HR Officer - GM
Nasional
DateTime : 2024-09-24 14:53:10



PT. SINAR KASIH TEKNOLOGI INDONESIA

Telecommunication - Elektrical

Komplek Mangsang Permai Blok C No. 182 Kec. Sei Beduk Kota Batam

Telp.: 0778-7499112 Phone: 0812 774 4312 WA: 0851 0304 4312

Email: ptsinarkasiteknologiindonesia@gmail.com

QUOTATION NO 030/SKTI-BTM/IX/2024

Kepada Yth Dirut PT.BATAM BINTAN TELEKOMUNIKASI

Jln Markisa Batamindo Industrial Park Muka Kuning

Pekerjaan						
Pointing radio ceragon IP.20 link MKK to Lobam						
ID	JENIS	KETERANGAN	QTY	SATUAN	NOMINAL	TOTAL
1	jasa	Pointing radio ceragon Site tower B7 MKK	1	unit	3.750.000	3.750.000
2	jasa	Pointing radio ceragon Site tower LOBAM	1	unit	3.750.000	3.750.000
3	jasa	Transportasi / Mobilisasi	1	unit	500.000	500.000
Grand Total						8.000.000

- Lama pekerjaan: 7 Hari

Batam 26 September 2024

T.SINAR KASIH TEKNOLOGI INDONESIA

- Garansi : 30Hari (Garansi Pekerjaan POINTING Saja. Tidak Termasuk

Badai PETIR dan Badai Angin dan Putting Beliuang)

Romulo Nadeak



ptsinarkasih teknologiindonesia <ptsinarkasiteknologiindonesia@gmail.com>

To: Rizki Ikhwani Fauzi

Thu 26 Sep 2024 20:00

Cc: Ferawaty Marpaung; Lia Martha Giyan Safitri

This message is in Indonesian

Translate to English

Never translate from Indonesian

Pointing Negoisasi.pdf
145 KB

IKR lot 3 dan 142 Negoisasi.p...
158 KB

2 attachments (303 KB) Save all to OneDrive - Persada Nusantara Telekomunikasi Download all

YTh Pak RIZKI dan TEAM

Berikut Kami Kirimkan Perbaikannya Pak.

Salam

Sinar Kasih

Romulo.N

Pada Kam, 26 Sep 2024 pukul 14.33 ptsinarkasih teknologiindonesia

<ptsinarkasiteknologiindonesia@gmail.com> menulis:

Yth ALL Team Procrument PT BBT

Terlampir Harga Negoisasi dari Perusahaan Kami.

Terimakasih

Salam

Sinar Kasih

Romulo Nadeak

Judul Pointing radio ceragon IP.20 link MKK to Lobam

Tanggal 27 Sep 2024

Kode Referensi JUST/24/0377

Vendor :SINAR KASIH TEKNOLOGI INDONESIA, PT

NO	KETERANGAN	QTY	SAT	HARGA SATUAN	VENDOR		ESTIMASI OWNER
					SEBELUM NEGO	SESUDAH NEGO	
1	Pointing radio ceragon Site tower B7 MKK	1	unit	4,000,000	3,750,000	3,750,000	4,000,000
2	Pointing radio ceragon Site tower LOBAM	1	unit	4,000,000	3,750,000	3,750,000	4,000,000
3	Transportasi / Mobilisasi	1	unit	500,000	500,000	500,000	500,000
Subtotal					8,000,000	8,000,000	8,500,000

Informasi Tambahan :

- Pengiriman / Penyelesaian Kerja : 7 hari
- Termin Pembayaran :
 - ☐ DP 0 %
 - ☒ Termin-1 100 %
 - ☐ Termin-2 0 %
 - ☐ Retensi 0 %

- Garansi : 30 hari (Tidak termasuk badai petir dan badai angin dan puting beliun)
- Lama pekerjaan : 7 hari

Garansi : 30 hari

Alasan Skip Quotation - Sebelum nya pekerjaan Sinar Kasih Teknologi - Re-order

Merujuk pada hasil klarifikasi dan negosiasi diatas maka tim mengusulkan untuk menunjuk vendor/suplier **SINAR KASIH TEKNOLOGI INDONESIA, PT** dengan vendor id **VDR21-0118** sebagai pelaksana pekerjaan **Pointing radio ceragon IP.20 link MKK to Lobam** dengan nilai pekerjaan sebesar **Rp. 8,000,000**

Alasan penunjukan

- Pekerjaan Pointing Radio Ceragon Site Tower B7 MKK dan Lobam sebelumnya dilakukan oleh PT Sinar Kasih Teknologi Indonesia
- Sudah dilakukan koordinasi internal dengan vendor untuk PoC

Catatan CFHRO

Ok

Diajukan oleh,

RIZKI IKHWAN FAUZI
Procurement Officer
DateTime : 2024-09-27 10:41:43

Diperiksa oleh,

APRIANSAH
Finance Manager
DateTime : 2024-09-27 11:11:45

Diperiksa oleh,

ROBBY SUSILO
Chief Financial & HR Officer - GM Nasional
DateTime : 2024-09-29 17:49:36

PURCHASE ORDER

NO. PUO/24/0184

Supplier Code : VOB-0120	Location Code : KBTM
Order Date : 30 September 2024	Reference : BAPV/24/0179-27 Sep 2024
Expect. Rcpt. Date : 14 October 2024	Shipment Method : FOB Batam
Payment Terms : Max 14 days	Page No. : 1 of 1

SUPPLIER	DELIVER TO
SINAR KASIH TEKNOLOGI INDONESIA, PT KOMPLEK MANGSANG PERMAI BLOK C No. 182 KEC. SEI BEDUK KOTA BATAM Batam BT Indonesia TEL: 08127744312 Attn: ROMULO NADEAK	KANTOR BATAM PT. Batam Bintan Telekomunikasi Jl. Markisa, Batamindo Industrial Park Muka Kuning Batam 29433

No.	DESCRIPTION	QUANTITY	UNIT PRICE (IDR)	DISC. %	AMOUNT (IDR)
	Pointing radio ceragon IP.20 link MKK to Lobam				
1.	Pointing radio ceragon Site tower B7 MKK	1 UNT	3,750,000.00	-	3,750,000.00
2.	Pointing radio ceragon Site tower LOBAM	1 UNT	3,750,000.00	-	3,750,000.00
3.	Transportasi / Mobilisasi	1 UNT	500,000.00	-	500,000.00
	Note:				
	- Lama pekerjaan: 7 Hari				
	- Garansi : 30Hari (Garansi Pekerjaan POINTING Saja. Tidak Termasuk Badai PETIR dan Badai Angin dan Putting Beliung)				

 Robby Susilo Authorised Signature	Invoice Send to : PT. Batam Bintan Telekomunikasi Jl. Markisa, Batamindo Industrial Park, Mukakuning Telp: 0770-612300, Fax : 0770-612200 NPWP PPN 01.762.351.3-217.000 Stamp "PPN Tidak Dipungut"	Total IDR 8,000,000.00
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BERITA ACARA LAPANGAN (BAL)/
BERITA ACARA PENYELESAIAN PEKERJAAN (BAPP)
BAL/24/0280
Pointing radio ceragon IP.20 link MKK to Lobam

Supplier Code : VOB-0120	Purchase Order : PUO/24/0184
Document Date : 09 October 2024	Page No. : 1

No.	DESCRIPTION	UOM	BOQ	Realisasi	Keterangan
1.	Pointing radio ceragon Site tower B7 MKK	UNT	1.00	1.00	
2.	Pointing radio ceragon Site tower LOBAM	UNT	1.00	1.00	
3.	Transportasi / Mobilisasi	UNT	1.00	1.00	

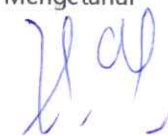
Pekerjaan tersebut telah selesai dilaksanakan dengan hasil yang baik dan sesuai SOP.
Demikian Berita acara ini dibuat, untuk dipergunakan sebagaimana mestinya

Batam , 9 Oct 2024

PT. Batam Bintang Telekomunikasi
User


Ibrahim

Mengetahui

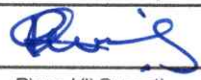

Eddy Naibaho

SINAR KASIH TEKNOLOGI INDONESIA,
PT
Vendor


ROMULO NADEAK

Menyetujui,


Timbul Nainggolan,
General Manager

IT-GRN. 21/	
Input & Check By	Posted By
	
Risna Uli Susanti	Apriansah

**BERITA ACARA LAPANGAN (BAL)/
BERITA ACARA PENYELESAIAN PEKERJAAN (BAPP)**

BAL/24/0280

Pointing radio ceragon IP.20 link MKK to Lobam

Supplier Code : VOB-0120
Document Date : 09 October 2024

Purchase Order : PUO/24/0184
Page No. : 1

No.	DESCRIPTION	UOM	BOQ	Realisasi	Keterangan
1.	Pointing radio ceragon Site tower B7 MKK	UNT	1.00	1.00	
2.	Pointing radio ceragon Site tower LOBAM	UNT	1.00	1.00	
3.	Transportasi / Mobilisasi	UNT	1.00	1.00	

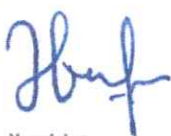
Pekerjaan tersebut telah selesai dilaksanakan dengan hasil yang baik dan sesuai SOP.

Demikian Berita acara ini dibuat, untuk dipergunakan sebagaimana mestinya

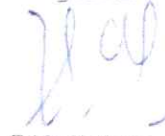
Batam , 9 Oct 2024

PT. Batam Bintang Telekomunikasi

User Mengetahui



Ibrahim



Eddy Naibaho

**SINAR KASIH TEKNOLOGI INDONESIA,
PT**

Vendor



ROMULO NADEAK

Menyetujui,



Timbul Nainggolan,

General Manager

IT-GRN 24/000228	
Input & Check By	Posted By
	
Risna Uli Susanti	Apriansah



Mukakuning to Lobam IP.20: Radio Parameters

Radio table

Radio location	Type	TX Frequency	RX Frequency	Operational TX Level (dBm)	RX Level (dBm)	Modem MSE	Defective
Radio: Slot 3, port 1	1500HP RFU	7955.250	8266.570	32	-41	-41.12	
Radio: Slot 4, port 1	Unknown	12977.000	13140.000	0	-99	-99.00	

Lobam to Mukakuning IP.20: Radio Parameters

Radio table

Radio location	Type	TX Frequency	RX Frequency	Operational TX Level (dBm)	RX Level (dBm)	Modem MSE	Defec
Radio: Slot 3, port 1	1500HP RFU	8266.570	7955.250	32	-41	-41.09	
Radio: Slot 4, port 1	Unknown	13233.000	12871.000	0	-99	-99.00	

SETELAH POINTING

Radio Mukakuning - Lobam 2: Radio Parameters

Status parameters

Radio location	Radio: Slot 3, port 1
Type	1500HP RFU
Part Number	0131293
Serial-Number	FC895776
Running Software Version	08.11a08
XPIC support	Yes
Radio interface operational status	Up
Operational TX Level (dBm)	32
RX Level (dBm)	-46
Modem MSE (dB)	-40.93
Modem XPI (dB)	0
Defective Blocks	4155
TX Mute Status	Off
Adaptive TX power operational status	Down
Temperature	41°C, 105°F

Frequency control (Local)

TX Frequency (MHz)	7895.950	(7713.000..8487.000)
RX Frequency (MHz)	8207.270	(7713.000..8487.000)

Lobam to MKK 87.5: Radio Parameters

Status Parameters

Radio Location	Radio Slot 3, Port 1
Type	1500HP RFU
Part Number	0131296
Serial-Number	F33000136
Running Software Version	08.13a28
XPIC support	Yes
Radio interface operational status	Up
Operational TX Level (dBm)	27
RX Level (dBm)	-42
Modem MSE (dB)	-41.72
Modem XPI (dB)	0.00
Defective Blocks	0
TX Mute Status	Off
Adaptive TX power operational status	Down
Temperature	47°C, 116°F

Frequency control (Local)

TX Frequency (MHz)	8207.270	(7713.250 8486.750)
RX Frequency (MHz)	7895.950	(7713.250 8486.750)

SETELAH POINTING

Mukakuning to Lobam IP.20: Radio Parameters

Radio table

Radio location	Type	TX Frequency	RX Frequency	Operational TX Level (dBm)	RX Level (dBm)	Modem MSE
Radio: Slot 3, port 1	1500HP RFU	7955.250	8266.570	32	-41	-40.75
Radio: Slot 4, port 1	Unknown	12977.000	13140.000	0	-99	-99.00

Edit Refresh

Lobam to Mukakuning IP.20: Radio Parameters

Radio table

Radio location	Type	TX Frequency	RX Frequency	Operational TX Level (dBm)	RX Level (dBm)	Modem MSE
Radio: Slot 3, port 1	1500HP RFU	8266.570	7955.250	32	-42	-40.88
Radio: Slot 4, port 1	Unknown	13233.000	12871.000	0	-99	-99.00

Edit Refresh

SETELAH POINTING

Radio Mukakuning - Lobam 2: Radio Parameters

Status parameters
Radio location Radio: Slot 3, port 1
Type 1500HP RFU
Part Number 0131293
Serial-Number FC895776
Running Software Version OS.11a08
XPIC support Yes
Radio interface operational status Up
Operational TX Level (dBm) 32
RX Level (dBm) -46
Modem MSE (dB) -39.89
Modem XPI (dB) 0
Defective Blocks 4155
TX Mute Status Off
Adaptive TX power operational status Down
Temperature 40°C, 104°F

Frequency control (Local)
TX Frequency (MHz) 7895.950 (7713.000, 8487.000)
RX Frequency (MHz) 8207.270 (7713.000, 8487.000)

Lobam to MKK 87.5: Radio Parameters

Status Parameters
Radio Location Radio: Slot 3, Port 1
Type 1500HP RFU
Part Number 0131296
Serial-Number F33000136
Running Software Version OS.13a28
XPIC support Yes
Radio interface operational status Up
Operational TX Level (dBm) 27
RX Level (dBm) -43
Modem MSE (dB) -41.59
Modem XPI (dB) 0.00
Defective Blocks 0 Clear Counter
TX Mute Status Off
Adaptive TX power operational status Down
Temperature 46°C, 114°F

Frequency control (Local)
TX Frequency (MHz) 8207.270 (7713.250, 8486.750)
RX Frequency (MHz) 7895.950 (7713.250, 8486.750)
Frequency Separation (MHz) 311.320

Radio Mukakuning - Lobam 2: Radio Parameters

Status parameters
Radio location Radio: Slot 3, port 1
Type 1500HP RFU
Part Number 0131293
Serial-Number FC895776
Running Software Version OS.11a08
XPIC support Yes
Radio interface operational status Up
Operational TX Level (dBm) 32
RX Level (dBm) -48
Modem MSE (dB) -39.88
Modem XPI (dB) 0
Defective Blocks 0
TX Mute Status Off
Adaptive TX power operational status Down
Temperature 41°C, 105°F

Lobam to MKK 87.5: Radio Parameters

Status Parameters
Radio Location Radio: Slot 3, Port 1
Type 1500HP RFU
Part Number 0131296
Serial-Number F33000136
Running Software Version OS.13a28
XPIC support Yes
Radio interface operational status Up
Operational TX Level (dBm) 27
RX Level (dBm) -42
Modem MSE (dB) -41.59
Modem XPI (dB) 0.00
Defective Blocks 0 Clear Counter
TX Mute Status Off
Adaptive TX power operational status Down
Temperature 46°C, 114°F

Mukakuning to Lobam IP.20: Radio Parameters

Radio table

Radio location	Type	TX Frequency	RX Frequency	Operational TX Level (dBm)	RX Level (dBm)	Modem MSE	Defective BI
Radio: Slot 3, port 1	1500HP RFU	7955.250	8266.570	32	-41	-41.12	
Radio: Slot 4, port 1	Unknown	12977.000	13140.000	0	-99	-99.00	

Lobam to Mukakuning IP.20: Radio Parameters

Radio table

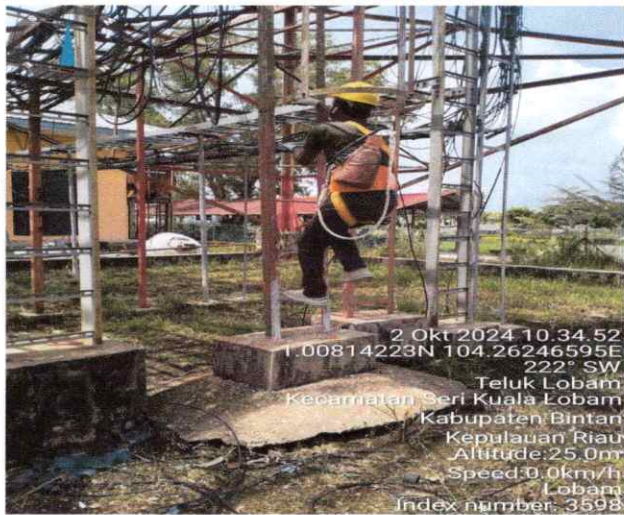
Radio location	Type	TX Frequency	RX Frequency	Operational TX Level (dBm)	RX Level (dBm)	Modem MSE	Defective BI
Radio: Slot 3, port 1	1500HP RFU	8266.570	7955.250	32	-40	-40.97	
Radio: Slot 4, port 1	Unknown	13233.000	12871.000	0	-99	-99.00	

Lobam to MKK 87.5: Radio Parameters

Status Parameters
Radio Location Radio: Slot 3, Port 1
Type 1500HP RFU
Part Number 0131296
Serial-Number F33000136
Running Software Version OS.13a28
XPIC support Yes
Radio interface operational status Up
Operational TX Level (dBm) 27
RX Level (dBm) -72
Modem MSE (dB) -22.45
Modem XPI (dB) 0.00
Defective Blocks 0 Clear Co
TX Mute Status Off
Adaptive TX power operational status Down
Temperature 47°C, 116°F

Frequency control (Local)

DOKUMENTASI POINTING RADIO MKK LOBAM



TOWER LOBAM

TOWER LOBAM



TOWER MKK BATU7

MKK BATU 7



BATU 7

BATU 7