

### REQUEST FOR INFORMATION (RFI)

PROJECT :	BKK2	R.F.I. NO. :	523213-01-RFI-EL-0017
TO :	CTA	ATTENTION :	CTA
SUBMITTED DATE:	20-Jan-26	NEED REPLY BY DATE :	27-Jan-26

SUBMISSION OF :	<input checked="" type="checkbox"/> Q&A	<input checked="" type="checkbox"/> Drawing	<input checked="" type="checkbox"/> Document	<input type="checkbox"/> Others (as specified below)
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SUBJECT :	Request for Information - Confirm to Add Power Supply for ASD - Staging Room 1st Floor		
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Total Page (s) : **3** (Including this page)

FUNCTION :	<input type="checkbox"/> Structural (ST)	<input checked="" type="checkbox"/> Electrical & Communication (EL)	<input type="checkbox"/> Mechanical (ME)	<input type="checkbox"/> Vertical Transport (VT)
	<input type="checkbox"/> Architectural (AR)	<input type="checkbox"/> Fire Protection (F1)	<input type="checkbox"/> Hydraulic & Sanitary (HY)	<input type="checkbox"/> Other (O)

#### (1) CONTRACTOR REQUEST FOR INFORMATION :

We would like your assistance to confirm about Power supply of Aspirated Smoke Detector (ASD) in staging room.

Please see attached documents for more information.

Note : It would be an additional cost for some items.

Requested by :   
Engineering Manager

Reviewed by :   
Project Manager

#### (2) ATTN : Commtech Asia (Thailand)

For Approval       See Note       Please Clarify

From : GAA Group

By :

  
Mr. Itsarate Trachuengtong/  
Project Manager

Date : 20-Jan-26

Note : Aurecon to confirm the power requirements for the ASD.

Reviewed By : Commtech Asia (Thailand)

Name / Position

  
Finlay Coady  
Sr. Project Manager

Date : 2nd February 2026

#### (3) ATTN : AURECON

For Approval       See Note       Please Clarify

Note :  
AUR :  
Please proceed with providing an additional power supply for the ASD panel of the staging room, as proposed in this RFI document.

##### CONTRACTOR DOCUMENT REVIEW

ACCEPTED  
 REJECTED  
 MAKE CORRECTIONS NOTED & PROCEED  
 REVISE AND RESUBMIT

Aurecon Consulting (Thailand) Co., Ltd.

By : Chutikarn Sinsopa -----

Date : 07 February 2026

Project No. : 52860 -----

Date received : 02 February 2026

This review is only for general Confirmation whether the design complies with the project and general contract or not. Any action given in the contract documents. Any action given in the contract documents.

This review does not relieve the Contractor of his contractual obligations nor his responsibilities under the contract.

Contract document.

This review does not relieve the Contractor of his contractual obligations nor his responsibilities under the contract.

complete accurate & correct.

Any amendment does not constitute an order or authority for a price variation to the contract.

From : Commtech Asia (Thailand)

By :

Name / Position ( )

  
Chutikarn Sinsopa

Date :

Reviewed By :

  
AURECON  
Chutikarn Sinsopa  
Electrical Engineer

Name / Position ( )

Electrical Engineer

Date :

07 February 2026

#### (4) ATTN : STT GDC

Clarification only       Not Approved  
 Approved for proceeding work  
 Approved with comments, proceeding work in compliance with comments  
 Approved with comments, not for proceeding work and need to re-submit

Note :

From : AURECON

By :

Name / Position ( )

  
STT GDC

Date :

Reviewed By : STT GDC

Name / Position

Date :

CC :

STT GDC

AURECON

Commtech Asia  
(Thailand)

GAA

OTHERS.....

# PANEL BOARD LOAD SCHEDULE

PROJECT No. 523213

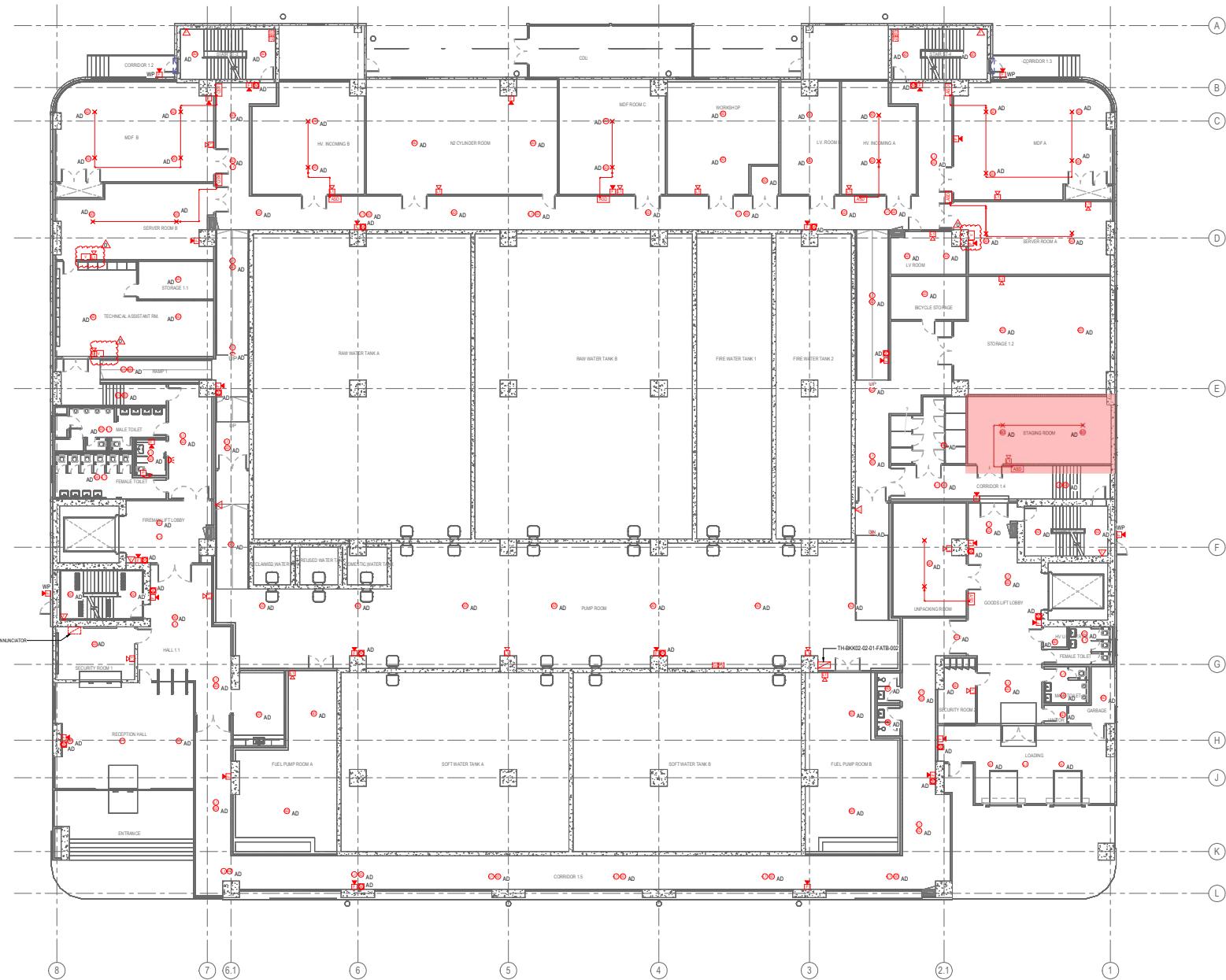
PROJECT NAME : TERRA DATA CENTER

REV : 0  
DATE : 17/10/2025

PANEL REF : <b>02-01-UDB-001-B</b> (UPS for ELV / Life & Safety)							LOCATION EE Room - Level 1				
							MOUNTING WALL MOUNTED				
CCT NO.	CIRCUIT DESCRIPTION	CIRCUIT BREAKER			CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA				
		TYPE	POLE	AT	Ic(kA)		PHASE A	PHASE B	PHASE C		
1	02-01-GSCP-002	SUPPRESSION	MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500		
3	02-01-GSCP-004	SUPPRESSION	MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500		
5	02-01-GSCP-006	SUPPRESSION	MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT		500	
7	SPARE		MCB	1	20	6			1,000		
9	SPARE		MCB	1	20	6			1,000		
11	SPARE		MCB	1	20	6			1,000		
13	SPARE		MCB	1	20	6			1,000		
15	SPARE		MCB	1	20	6			1,000		
17	SPARE		MCB	1	20	6			1,000		
19	SPACE										
21	SPACE										
23	SPACE										
25											
27											
29											
31											
33											
35											
37											
39											
41											
2	ASD CONTROL PANEL		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	1,000		
4	ASD CONTROL PANEL		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500	MDF B	
6	ASD CONTROL PANEL		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT		500 HV INCOMING B	
8	ASD CONTROL PANEL		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500	UNPACKING ROOM	
10	ASD CONTROL PANEL		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500	MDF C	
12	02-01-FUEL PLC-001-B		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT		500	
14	02-01-ECMS PLC/RIO-001-A		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500	LV ROOM A	
16	02-01-ECMS PLC/RIO-001-B		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500	LV ROOM B	
18	02-01-ECMS RIO-001-A		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT		500 HV INCOMING A	
20	02-01-ECMS RIO-001-B		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500	HV INCOMING B	
22	<b>02-01-ASD-007</b>		MCB	1	20	6	2x4/G-4, IEC 01	Ø15 mm. EMT	500	STAGING ROOM	
24	SPARE		MCB	1	20	6			1,000		
26											
28											
30											
32											
34											
36											
38											
40											
42											
SUPPLY FROM :  <b>02-06-OUSB-002-B</b>		MAIN SWITCH :		MAIN CONDUCTOR :		CONNECTED LOAD (VA)	5,000	5,000	5,000	DEMAND FACTOR	
		MCCB	3P, 63AT/100AF	4x16/G-6, CV-FD		TOTAL CONNECTED (VA)	15,000				
		Ic ≥ 14 kA		MAIN RACEWAY :		DEMAND LOAD (VA)	5,000	5,000	5,000		
		@ 415 VAC, 50 Hz.		Ø40 mm. IMC		TOTAL DEMAND LOAD (VA)	15,000			1.0	

NOTES :

1. INTERRUPTING CAPACITY (Ic) SHALL BE NOT LESS THAN SPECIFIED RATING IN THIS SCHEDULE
2. IF RCBO REQUIRED, PROVIDE RCBO WITH 30 mA SENSIBILITY



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STRUCTURAL / MECHANICAL / ELECTRICAL / SANITARY / FIRE PROTECTION / AIR CONDITIONING AND VENTILATION / ARCHITECTURAL

STRUCTURAL: 1754

Mechanical: 1458

Electrical: 6029

Sanitary: 64414

Fire Protection: 2059

Air Conditioning and Ventilation: 848

Architectural: 603

Structural: 1754

Mechanical: 1458

Electrical: 6029

Sanitary: 64414

Fire Protection: 2059

Air Conditioning and Ventilation: 848

Architectural: 603

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