

## 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)
SUBJECT :	Request for Information - Confirm to Add Power Supply for ASD - Staging Room 1st Floor			

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 (FI)	<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 ManagerReviewed by :   
Project Manager

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

☐ For Approval ☐ See Note ☒ Please Clarify

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


From :	GAA Group
By :	
Name / Position	Mr. Itsarate Trachuengtong/ Project Manager
Date :	20-Jan-26
Reviewed By :	
Name / Position	Finlay Coady Sr. Project Manager
Date :	2nd February 2026

## (3) ATTN : AURECON


☐ For Approval ☐ See Note ☐ Please ClarifyNote : 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 :   
Date : 02 February 2026  
Project No. : 523213-01-RFI-EL-0017  
Date received : 02 February 2026

This review is only for general confirmation with the design concept of the project and general compliance with the information given in the contract documents. Any other contract documents, the responsibility of the Contractor is to ensure the work is 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	( )
Date :	
Reviewed By :	AURECON 
Name / Position	( Chutikarn Sinsopa 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	( )
Date :	
Reviewed By :	STT GDC
Name / Position	
Date :	

# PANEL BOARD LOAD SCHEDULE

PROJECT No. 523213  
PROJECT NAME : TERRA DATA CENTER

REV : 0  
DATE : 17/10/2025

PANEL REF :		02-01-USB-001-B		(UPS for ELV / Life & Safety)		LOCATION : EE Room - Level 1									
CAPACITY :		24		CIRCUIT AS 1 POLE		MOUNTING WALL MOUNTED									
MAIN BUSBAR :		100		A, 400/230 VAC, 50Hz.											
CCT NO.	CIRCUIT DESCRIPTION		CIRCUIT BREAKER				CONDUCTOR	RACEWAY	CONNECTED LOAD IN VA			REMARKS			
			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			SERVER B			
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	02-01-ASD-007		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 :			MAIN SWITCH :				MAIN CONDUCTOR :		CONNECTED LOAD (VA)		5,000		5,000	5,000	
02-06-OU5B-002-B			MCCB 3P, 63AT/100AF Ic ≥ 14 kA  @ 415 VAC, 50 Hz.				4x16/G-6, CV-FD  MAIN RACEWAY :  Ø40 mm. IMC		TOTAL CONNECTED (VA)		15,000				
									DEMAND LOAD (VA)		5,000		5,000	5,000	DEMAND FACTOR
									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

