Guidance For Pricing

Cundall have used their reasonable endeavours to establish the requirements of the Client during the design stages. In this regard, the Contractor should refer to the guidance provided by BSRIA BG 6 - 'A Design Framework for Building Services' (2014 Edition) section 2.11 - Precision In Design.

This states that the design stages represent an iterative process whereby the level of detail and the degree of precision included in the design increases from one stage to the next. Following the guidelines given in Turner and Simister's Handbook of Project Management, which relate specifically to precision of cost estimates, and applying similar guidelines to the accuracy of all design, the following levels of accuracy could reasonably be achieved by the end of the respective design stages:

- **RIBA Stage 2: ± 25%**
- **RIBA Stage 3: ± 15% (± 20% at the completion of RIBA Stage 3a)**
- **RIBA Stage 4: ± 5%**

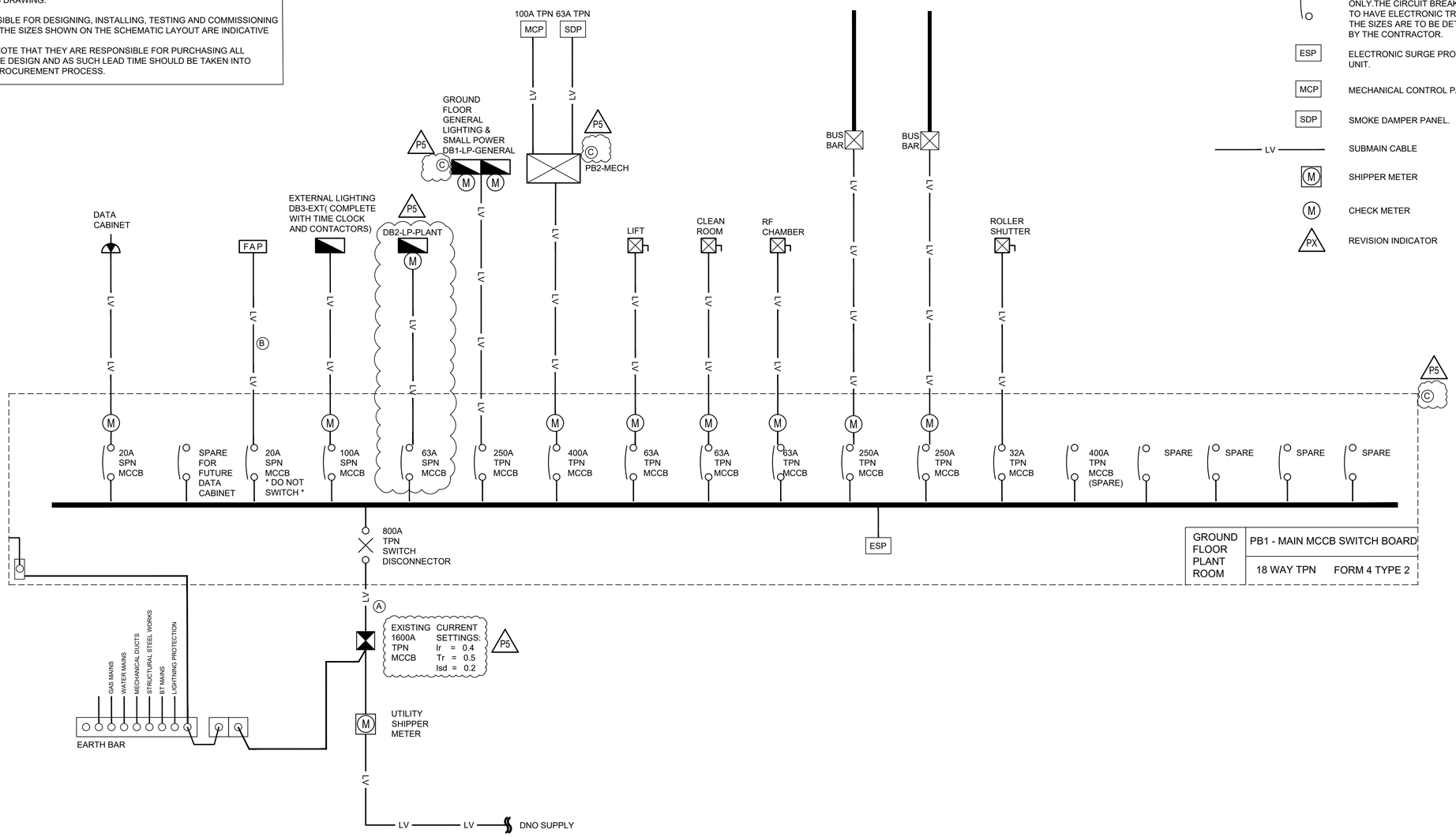
The Contractor should take into account the level of uncertainty indicated in the guidelines at the designated design stage of the project, and the Contractor should reflect the associated risk and uncertainty in their pricing.

The above precision figures do not include the effects of fundamental variations to the scale or nature of the project, however, they will reasonably be applied to quantities of materials, associated labour costs, service outlets and the final locations for equipment.

FOLLOWING INFORMATION MAY AFFECT THE DESIGN & CONTRACTOR WILL ALLOW FOR IT IN THEIR PRICING

THE FOLLOWING INFORMATION IS PRESENTLY OUTSTANDING AND MAY AFFECT THE INFORMATION SHOWN ON THIS DRAWING.

1. CONTRACTOR IS RESPONSIBLE FOR DESIGNING, INSTALLING, TESTING AND COMMISSIONING OF THE LV DISTRIBUTION. THE SIZES SHOWN ON THE SCHEMATIC LAYOUT ARE INDICATIVE ONLY.
2. THE CONTRACTOR IS TO NOTE THAT THEY ARE RESPONSIBLE FOR PURCHASING ALL DEVICES REQUIRED BY THE DESIGN AND AS SUCH LEAD TIME SHOULD BE TAKEN INTO ACCOUNT WITHIN THEIR PROCUREMENT PROCESS.



LEGEND

- ISOLATOR SWITCH (TPN)
- ISOLATOR SWITCH (SPN)
- INDUSTRIAL SOCKET OUTLET
- DISTRIBUTION BOARD, TPN, MCB AND SPLIT LOAD/ METER
- DISTRIBUTION BOARD, TPN AND MCB
- MCCB SWITCH BOARD (TPN)
- MAIN INCOMER ISOLATOR
- FAP — FIRE ALARM PANEL
- TPN HORIZONTAL POWER BUSBAR
- CIRCUIT BREAKER, MCCB TYPE. THE SIZES SHOWN ARE INDICATIVE ONLY.THE CIRCUIT BREAKERS ARE TO HAVE ELECTRONIC TRIP AND THE SIZES ARE TO BE DETERMINED BY THE CONTRACTOR.
- ESP — ELECTRONIC SURGE PROTECTION UNIT.
- MCP — MECHANICAL CONTROL PANEL.
- SDP — SMOKE DAMPER PANEL.
- LV — SUBMAIN CABLE
- M — SHIPPER METER
- M — CHECK METER
- PX — REVISION INDICATOR

1016090 A1

Based on.

Architects Drg No.	7604-FDG-ZZ-XX-DR-A-11101-P08	Rev
Structural Drg No.		Rev
Survey Drg No.		Rev
Other Drg No.		Rev
Other Drg No.		Rev

Notes

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND ENGINEERING SERVICES DRAWINGS, SPECIFICATIONS, SCHEDULES AND PROJECT SPECIFIC DOCUMENTS.
2. ALL PLANT AND EQUIPMENT IS TO BE INSTALLED TO MANUFACTURER'S RECOMMENDATIONS, ALLOWING FULL ACCESS FOR COMMISSIONING, MAINTENANCE AND REMOVAL/REPLACEMENT.
3. ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED.
4. DO NOT SCALE FROM THIS DRAWING.
5. THIS IS A RIBA STAGE 3 LV SCHEMATIC LAYOUT DESIGN. THE CONTRACTOR IS RESPONSIBLE FOR THE DETAILED DESIGN.

PARTICULAR NOTES:

A. PROVIDE NEW, APPROPRIATELY SIZED SUBMAIN CABLE FOR THE EXISTING MAIN ISOLATOR TO THE NEW LV MAIN SWITCH BOARD (PB1). CABLES ARE TO BE INSTALLED IN APPROPRIATELY SIZED CABLE CONTAINMENT SYSTEM.
B. PROVIDE FIRE RATED CABLE FROM THE LV MAIN SWITCH BOARD (PB1) TO THE NEW FIRE ALARM PANEL.
C. CONTRACTOR TO ALLOW SPACE CAPACITY FOR FUTURE PROVISION AS DETAILED IN SPECIFICATION. (P5)

Issue	Date	Description	By	Chkd	Verfd
P5	27/09/2018	STAGE 3: TENDER ADDENDUM	FRM	PP	PDW
P4	15/08/2018	STAGE 3: TENDER ISSUE	FRM	KO	RR
P3	03/08/2018	STAGE 3: TENDER ISSUE	KO	RR	KR
P2	26/07/2018	STAGE 3: WORK IN PROGRESS	FRM	-	-
P1	24/07/2018	STAGE 3: WORK IN PROGRESS	KO	PDW	-

Project
SATELLITE APPLICATION DISC II

Client
SATELLITE APPLICATION CATAPULT

Architect
FAIRHURSTS DESIGN GROUP

Title
LV SCHEMATIC LAYOUT

Drawing No.	Drawing Status
BSXX(60)0001	D2 - ISSUED FOR TENDER
Job No.	**Scale**
1016090	N.T.S

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CDM RISK

WORKING ON THE FIRST FLOOR: MAINTENANCE WORK TO BE LIMITED TO DAYLIGHT HOURS.
ALL CONTRACTORS TO PROVIDE RITELITE K9 30 PORTABLE WORK LIGHT.

True scale at 1:1