1. Total load of Imphal Airport shall work out and distribute as per the total feeders proposed both on essential and non-essential supply and it shall be balanced with spare outlets.

2. Transformers and DG sets shall be selected as per the connected loads indicated in the scope of works.

3. Panels shall be selected designed to take future load as non-essential 20% and essential 10%.

4. DG, transformer, and bus coupler shall be properly interconnected for the safe operation.

5. 25% spare shall be considered for all the panels.

6. All the panels and sub-panel fed from LT Panel - 16.2 shall be double incoming except metering, fire & HPFC panels.

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**FOR TENDER PURPOSE ONLY**

**NOTES**

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**INDIAN ARCHITECTS:**

**Sthapati Architects:**

Architects, Engineers, Interior designers, Project Management Consultants

Lucknow Studio: 1/24, Vipul Khand, Gomti Nagar, Lucknow - 226010

Delhi Studio: T - 34/ 702, Common Wealth Games Village, Delhi - 110092

Ph: 0522 - 4027793, 011 - 21211409

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**CLIENT:**

Airports Authority of India

**PROJECT:**

Construction of new ITB, Control Tower Cum Technical Block, Apron, Link Taxiway and Associated Works at Imphal Airport

**DESIGNED:**

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**DRAWN:**

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**CHECKED**

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**APPROVED**

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**SCALE:**

N.T.S

**UNITS:**

**DATE:**

31.08.2019

**ORG. NO.:**

DP 974 DRG EL 01 001

**SHEET NO.:**

R2275 1 OF 1
DOMESTIC DEPARTURE LOUNGE - LEVEL 2

- AHU: 98 m²
- TOILET: 164 m²
- ELECTRICAL: 51 m²
- WATER TANK: 197 m²
- RETAIL DOMESTIC: 74 m²
- DOMESTIC LOUNGE: 87 m²
- RETAIL INTERNATIONAL: 1,396 m²

INTERNATIONAL DEPARTURE LOUNGE - LEVEL 2

- AHU: 230 m²
- TOILET: 115 m²
- ELECTRICAL: 69 m²
- RETAIL INTERNATIONAL: 57 m²
- AHU: 110 m²
- AHU: 53 m²
- GARBAGE: 36 m²
- SERVER: 15 m²

INTERNATIONAL LOUNGE

- AHU: 53 m²
- ELECTRICAL: 69 m²
- RETAIL INTERNATIONAL: 112 m²
- GARBAGE: 36 m²

AEROBRIDGE 01: 137 m²
AEROBRIDGE 02: 137 m²
AEROBRIDGE 03: 137 m²
AEROBRIDGE 04: 137 m²

SWING DEPARTURE LOUNGE - LEVEL 2

- 618 m²
CCTV EQUIPMENT
30 m

ACCES CONTROL SERVER
22 m

OPERATIONAL STORE
17 m

FIRST AID
14 m

FIRE CONTROL
17 m

DATA RECORD / INSTRUMENT STORE (IMD)
23 m

MEETING / TRAINING (IMD)
20 m

DRIVER'S ROOM
18 m

MESSAGE + STATISTICS
17 m

MET AMSS / COMM.
21 m

FTI
21 m

RECEPTION
55 m

OPERATIONAL OFFICE
32 m

BATTERY ROOM
19 m

SWITCH ROOM
14 m

EPABX
24 m

UPS PANEL
11 m

TOILETS
43 m

APRON CONTROL SUPPORT
33 m

FLIGHT CREW BRIEFING
108 m

MBR (IMD)
62 m

OFFICE (IMD)
37 m

IT INCHARGE / IT EXECUTIVES
15 m

CANTEEN
66 m

CARE TAKER
6 m

HOUSE KEEPING
16 m

PANTRY
9 m

CIRCULATION
150 m

AIRPORTS AUTHORITY OF INDIA
ENGINEERING WING, RAJIV GANDHI BHAWAN
SAFDARJUNG AIRPORT, NEW DELHI - 110 003.

NOTES

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EQUIPMENT

(MET) 16 m²

ATC INSTRUCTORS 17 m²

LECTURE TRNG. (ATC) 32 m²

TRAINING SUPPORT (ATC) 19 m²

IT STAFF 36 m²

IT SERVER & SWITCH ROOM 20 m²

RNFC OFFICE 28 m²

CNS LIBRARY 25 m²

BATTERY ROOM 19 m²

SWITCH ROOM 14 m²

CENTRALISED UPS 24 m²

UPS PANEL 11 m²

TOILETS 43 m²

RADAR SIMULATION 30 m²

TRAINING SUPPORT 23 m²

CNS ESTABLISHMENT OFFICE 34 m²

DATABASE MGMT. / SYSTEM ADMINISTRATOR 28 m²

TERMINAL WEATHER RADAR (MET) 62 m²

MAINTENANCE / STORE 6 m²

IT & COMMUNICATION 16 m²

PANTRY 5 m²

CIRCULATION 170 m²

REST ROOM (IMD) 13 m²

DGM ATC (TRNG.) 17 m²

DGM ATC INCHARGE 17 m²

RNFC I/C 10 m²

CN TRNG. INCHARGE 16 m²

CNS INCHARGE 16 m²

AMSS & AIS (SERVER & MAINTENANCE) 26 m²

PA TO ATC I/C 7 m²

PA TO TRNG. I/C 7 m²

PA TO CNS I/C 7 m²

MAINTENANCE (MET) 25 m²

4

5

6

7

8

A

B

C

D

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NO. REVISIONS DATE

EXPAT ARCHITECTS:

INDIAN ARCHITECTS:

STHAPATI ARCHITECTS LTD

Architects, Engineers, Interior designers, Project Management Consultants

Lucknow Studio : 1/24, Vipul Khand, Gomti Nagar, Lucknow - 226010

Ph no. 0522 - 4027793, 011 - 21211409

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C-NIL, I-NIL, N-NIL

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