

031

**NOTES :**

1. THE SCHEMATIC DRAWING SHALL BE READ IN CONJUNCTION WITH TECHNICAL SPECIFICATION.
2. ALL IMPORTANT & CRITICAL MEASUREMENTS REQUIRED FOR PROTECTION OF EQUIPMENTS SHALL BE PROVIDED WITH REQUIRED/ADEQUATE
3. ANY OTHER ADDITIONAL INSTRUMENTS TO MEET THE SYSTEM REQMT. & FOR SAFE OPERATION OF THE PLANT & EQUIPMENT SHALL BE INCORPORATED IN THE SCHEME BY CONTRACTOR AT NO ADDITIONAL COST TO EMPLOYER.
4. THE SCHEME DOES NOT SHOW THE CIRCUIT, INSTRUMENTS, VALVES ETC. FOR LOADING/ UNLOADING/MODULATION OF COMPRESSORS, REPRESSURISATION/DEPRESSURISATION OF ABSORBER TOWER OF ADP & THE SAME SHALL BE PROVIDED BY THE CONTRACTOR.
5. UNIT AIR RECEIVER (FOR IA SYSTEM) SHALL BE LOCATED IN BC-BAY OF TG BUILDING.

**LEGEND :**

- EDM: ELECTRIC DEW METER
- FI: FLOW INDICATOR
- TI: TEMPERATURE INDICATOR
- PI: PRESSURE INDICATOR
- PT: PRESSURE TRANSMITTER
- IA: INSTRUMENT AIR COMPRESSOR
- SA: SERVICE AIR COMPRESSOR
- EDM: INDICATES SCOPE OF BOILER TURBINE GENERATOR
- FI: INDICATES SCOPE OF LP PIPING SUPPLIER
- TI: ELECTRIC DEW METER
- PI: BALL VALVE
- PT: BALL VALVE (NORMALLY CLOSED)
- IA: NON RETURN VALVE
- SA: ISOLATION VALVE (NORMALLY CLOSED)
- EDM: BUTTERFLY VALVE
- FI: LPP
- TI: BIDDER

FOR TENDER PURPOSE ONLY

**NTPC Limited**  
(A GOVT. OF INDIA ENTERPRISE)  
ENGINEERING DIVISION

PROJECT: STANDARD DRAWING FOR (2x800MW)

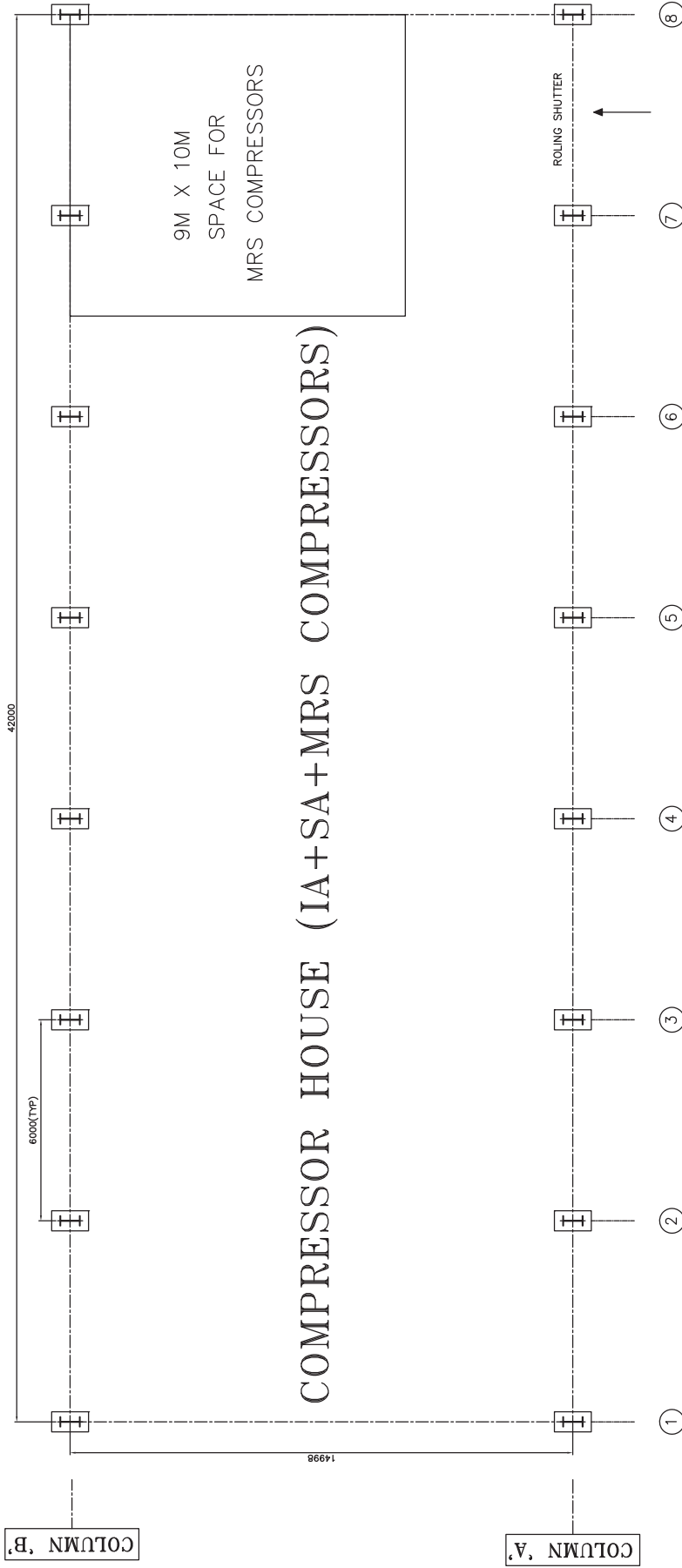
TITLE: SCHEMATIC DRAWING OF COMPRESSED AIR SYSTEM

SIZE: A3  
SCALE: DRG.NO. 0000-102-POM-A-025

REV. A

REV.	DESCRIPTION	DOWN	DESIGN	CHEK.	OS	C	M	E	CAE	APPRO	DATE
A	RELEASED FOR TENDER										

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NOTES :-

- 1) ALL DIMENSIONS ARE IN MM.
- 2) TOP OF CRANE GIRDER: 8.0M
- 3) CAPACITY OF EOT CRANE : 10.0T

COMPRESSOR HOUSE LAYOUT

2X800 MW DARLIPALLI STPP