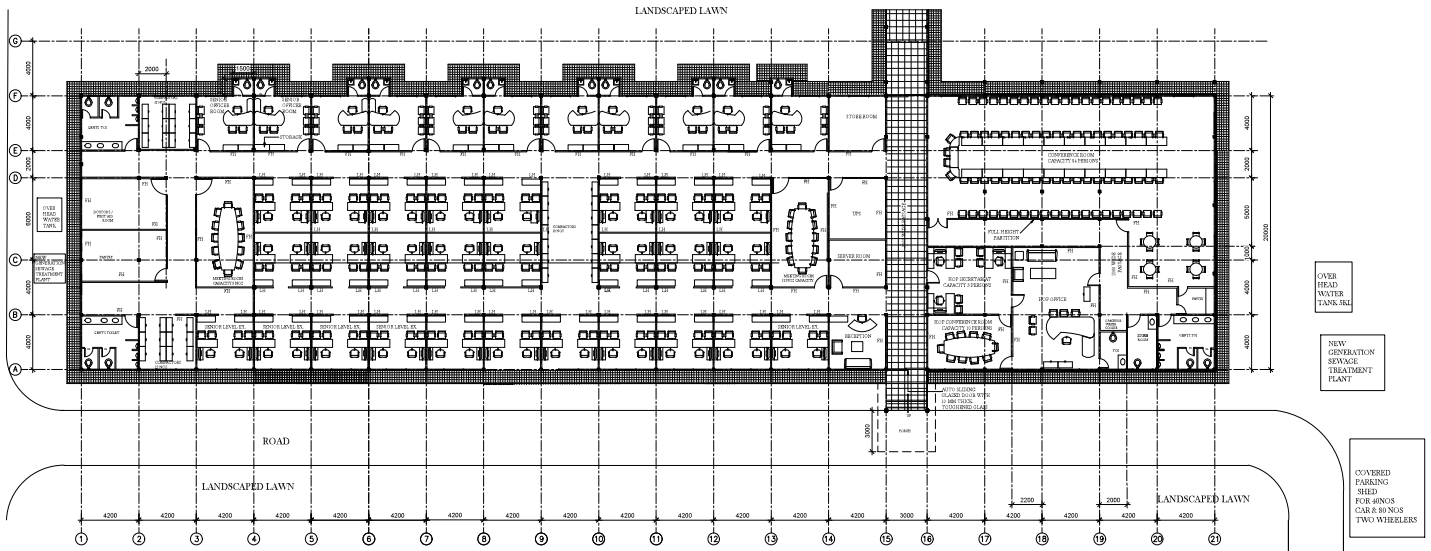

FLOOR LAYOUT PLAN

OWNER'S CONSTRUCTION OFFICE

THIS BUILDING SHALL BE A SINGLE STOREYED BUILDING WITH FLOOR AREA OF 1700 SQ. M OF PRE-FABRICATED DETACHABLE PORTABLE CABINS TYPE CONSTRUCTION THE CLEAR HEIGHT FROM FINISHED FLOOR LEVEL TO FALSE CEILING SHALL BE MINIMUM 3.0M THE DESIGN OF THE BUILDING SHALL BE SUCH SO AS TO HAVE FASTER CONSTRUCTION OF BUILDING AND SO AS TO PROVIDE A READY TO USE BUILDING, COMPLETE AND FINISHED IN ALL RESPECTS. THIS BUILDING SHALL PROVIDE OFFICES FOR SENIOR OFFICERS, CONFERENCE ROOMS LARGE WORKING HALLS WITH LAYOUT AND OCCUPANCY AS SHOWN IN THE DRAWING.

SCOPE OF WORK

1.DESIGNING, MANUFACTURING, SUPPLY, PACKING, LOADING, TRANSPORTATION, UNLOADING, INSTALLING AND COMMISSIONING THE PRE-FABRICATED PORTABLE, DETACHABLE, DOUBLE LAYER INSULATED PORTA CABINS AS PER LAYOUT SHOWN INCLUDING FOUNDATIONS, SUBSTRUCTURES AND SUPER STRUCTURES AND ALL FINISHING, COMPLETE IN ALL RESPECTS.

2. MAIN MS FRAME WITH MS STANDARD BRACINGS WITH VERTICAL AND HORIZONTAL GRIDS WITH DIPPED ANTI-CORROSIVE COATINGS BE GROUTED TO R.C.C FLOOR / PLATFORM. THE PLINTH SHALL BE 500 MM HIGH WITH PERIPHERAL R.C.C WALL AND 100 MM THICK P.C.C.

3. ROOFING SHALL BE IN PRE-FABRICATED INSULATED METAL SANDWICH PANELS.

4. WALL CLADDING SHALL CONSIST OF AN OUTER WALL OF HALF HOUR FIRE RATED,10 MM THICK SILICA FIBER BOARD CLADDING(100 % ASBESTOS AND TERMITE FREE, WITH DENSITY > 1200 KG/ CU. M) FIXED OVER STEEL GRID BY SELF THREADED STUDS / PASTED WITH UNDER WATER ITALIAN EPOXY. THE INTERNAL WALL CLADDING SHALL CONSIST OF 8 MM THICK BOTH SIDES FRE LAMINATED GRADE-II FIBER BOARD HAVING DENSITY OF 800 KG /CU.M AND SCREW HOLDING OF 125 KG. THE EDGE OF THE BOARD SHALL BE PROPERLY SEALED WITH PU HIGH EPOXY AND STANDARD CHANNELS WHEREVER REQUIRED. INSULATION OF GLASS WOOL (64 D) SHALL BE PROVIDED IN BETWEEN OUTER AND INTERNAL CLADDING. OUTER CLADDING SHALL BE TREATED WITH TRANSPARENT SILICON COATING AND POLYURETHANE TEXTURED COATING OVER LAYER OF PU EPOXY AND FIRE RESISTANT POLYMER COATING IN DESIRED SHADES.

5.DOOR & WINDOWS SHALL BE PROVIDED AS PER THE LAYOUT SHOWN WITH MINIMUM WINDOW AREA OF 20 % OF THE CARPET AREA. FRENCH TYPE AUTOMOTIVE DUCCO PAINTED WOODEN WINDOWS / ALUMINIUM SLIDING WINDOWS WITH AUTOMOTIVE DUCCO COATED WIRE GAUGE AND FRENCH TYPE MS TUBULAR GRILLS AND WALL FINISH LAMINATED FLUSH DOORS (SEMI GLAZED FOR CABINS) WITH FOLLOWING MINIMUM HARDWARE: FRONT BACK AND SIDE DOORS AND WINDOWS SHALL BE PROTECTED BY AUTOMOTIVE DUCCO COATED ITALIAN TYPE SUNSHADE AND FIBER REINFORCED PILLARS AS PER DESIGN. ALL JOINTS AND CORNERS SHOULD BE BE COVERED WITH AUTOMOTIVE DUCCO COATED DECORATIVE TYPE MOULDINGS AND CORNICES ETC. ON INSIDE CLADDING AND FIBER REINFORCED SKIRTING ALL OVER THE CABIN.

6. MIRROR POLISHED VITRIFIED TILE FLOORING (SIZE 1000MM X 1000 MM) OF KAJARIA / JHONSON / REGENT / MARBONITE / SOMANY MAKE SHALL BE PROVIDED FOR OFFICE AREAS. FOR CONFERENCE ROOMS AND HOP OFFICE ENGINEERED WOODEN FLOORING SHALL BE PROVIDED. ANTI SKID CERAMIC TILES FLOORING 450MM X450MM SHALL BE PROVIDED FOR TOILETS & PANTRIES / KITCHEN WITH DESIGNER DECORATIVE CERAMIC TILE ON WALL CLADDING UPTO FALSE CEILING SHALL BE PROVIDED. TOILET / PANTRIES WALL SHALL BE BRICK OF MASONRY WALLS.

7. ALL THE PARTITIONS AS PER THE LAYOUT - FULL HEIGHT PARTITIONS WITH SAME FINISH ON BOTH SIDES AS FOR INTERNAL WALL CLADDING ABOVE AND LOW HEIGHT PARTITIONS BASED ON MODULAR PARTITION DESIGN OF GODREJ / PEATHERLITE / WIPRO / JASANI OR EQUIVALENT.

8. ALL THE FURNITURE AS SHOWN INCLUDING MODULAR WORK STATIONS OF GODREJ / PEATHERLITE / WIPRO / JASANI OR EQUIVALENT AND EXECUTIVE CHAIRS&TABLES, CONFERENCE TABLES, STORAGE CABINETS / COMPACTORS, VISITOR CHAIRS, SOFAS, RECEPTION TABLE, DINING TABLE & CHAIRS ETC OF GODREJ / PEATHERLITE / JASANI OR EQUIVALENT.

9. ALL THE TOILETS IN WORKING CONDITIONS (WITH CONCEALED WATER SUPPLY AND SANITARY PIPES) WITH OVAL WASH BASIN SET IN GRANITE COUNTERS, URINALS, DUAL FLUSH EUROPEAN W.C WITH PVC CISTERN (OF MAKE PARRYWARE, HINDUSTAN , CERA OR EQUIVALENT) & C.P. BIB COCK / PILLAR COCK (OF JAQUAR OR EQUIVALENT). ALL THE NECESSARY ACCESSORIES OF PREMIUM QUALITY SHALL BE PROVIDED. PANTRY / KITCHEN WITH FITTINGS AND FIXTURES (INCLUDING WATER SUPPLY AND SANITARY PIPES) WITH SS SINK WITH DRAIN BOARD IN GRANITE PLATFORM AND WATER COOLER SHALL BE PROVIDED.

10.ENERGY EFFICIENT LIGHTING WITH MINIMUM 450 LUX LEVEL WITH CONCEALED COPPER WIRING , POWER DISTRIBUTION BOARD , RECESSED MOUNTED TYPE MIRROR OPTICS FLUORESCENT TYPE FIXTURES, RECESSED MOUNTED CFL DOWN LIGHTERS, CFL SURFACE MOUNTED TYPE FIXTURES, BRACKET FANS, EXHAUST FANS , LIGHT POINTS, POWER POINTS (PHILIPS/ WIPRO/ CROMPTON GREAVES OR EQUIVALENT/ HAVELLS) COMPLETE IN ALL RESPECTS .

11. THE BUILDING SHALL BE COMPLETELY AIR-CONDITIONED BUILDING. SPLIT A C SHALL BE PROVIDED FOR OFFICE CABINS AND CASSETTE TYPE AIR- CONDITIONERS FOR CONFERENCE ROOM, HOP OFFICE AND WORK STATION AREA. CAPACITY OF THE A.C SYSTEM SHALL BE @ 1 TON PER 10 SQ.M CARPET AREA AND A.C EQUIPMENT SHALL CONFORM TO 4 STAR RATING OF BEE AND SHALL BE OF LG/ VOLTAS/ BLUE STAR/ HITACHI OR EQUIVALENT MAKE.

12. FIRE DETECTION SYSTEM AND FIRE EXTINGUISHERS AS PER FIRE SAFETY REGULATIONS

13. CONCEALED CABLING NETWORK FOR IT NETWORK , COMMUNICATION NETWORKS AND AUDIO VISUAL CONNECTIONS.

14. R.O. PLANT OF 200 LITERS / HOURE CAPACITY AND 2 NO. REFRIGERATOR OF 300 LITRES CAPACITY (OF MAKE SAMSUNG / LG / PANASONIC / GODREJ OR EQUIVALENT)

15. 1 NO. BORE WELL WITH SUBMERSIBLE PUMP AND ASSOCIATED PIPES AND FITTINGS FOR FILLING OVERHEAD WATER TANK, 1 NOS. PVC OVERHEAD WATER TANK OF 5000 LITERS , AND 1 NOS. NEW GENERATION SEWAGE TREATMENT PLANT OF CAPACITY OF 5 CUBIC METERS SHALL BE PROVIDED.

16. COVERED PARKING SHED IN COLOURED POLY CARBONATE SHEET & STEEL STRUCTURE FOR 40 NUMBERS CAR & 80 NUMBERS TWO WHEELER SHALL BE PROVIDED.

EXCLUSIONS

1. PANTRY / KITCHEN EQUIPMENTS

2. COMPUTERS, AUDIO VISUAL EQUIPMENTS AND TELEPHONE SETS

LEGEND:

1. FH- FULL HEIGHT CABIN FOR AGM / GM (11 NOS)
2. LH - LOW HEIGHT CABIN (1350MM) CABINS FOR SR. MANAGER / DGM (22 NOS)
3. WS - WORK STATION S FOR E1 TO E5 (32 NOS)
4. SC- STORAGE CABINETS LOW HEIGHT (1200 MM)
5. WSP- WORK STATION PARTITION 1350 MM HIGH
6.HOPGM PROJECT ROOM
7. CONFERENCE HALL - 84 NO. CAPACITY
8. OCCUPATION HEALTH CENTER - DR. ROOM - 1 NO.

FOR TENDER PURPOSE ONLY

REV.NO.	DESCRIPTION	DRAWN	DESIGN	CHKD.	M(L/O)	M(WS)	E	C	C&I	APPD	DATE
B	RELEASED FOR TENDER PURPOSE	NK	DK							SK	14.11.23

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N T P C Limited
(A GOVERNMENT OF INDIA ENTERPRISE)
ENGINEERING DIVISION

PROJECT: SINGRAULI SUPER THERMAL POWER PROJECT
STAGE-III (2 X 800MW)

TITLE: OWNER'S CONSTRUCTION OFFICE
ARCHITECTURAL DETAILS

SIZE	SCALE	DRG. NO.	REV. NO.
		1150-001-POC-A-001	B

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