WELCOME TO BMS ENGINEERING CONSULTANTS
CIVIL AND STRUCTURAL ENGINEERING SERVICES

- CIVIL & STRUCTURAL DESIGN AND ANALYSIS.
- CIVIL CONSTRUCTION, LAYOUT, ARCHITECTURAL DRAWING & BOQ.
- BAR BENDING SCHEDULE FOR ALL TYPE OF CIVIL WORKS.
- STEEL STRUCTURES ERECTION, FABRICATION DRAWINGS AND BOQ.
- FABRICATION DETAILS OF STEEL TANKS, DUCTING, PIPE RACK, PLATFORM, STAIRWAYS ETC.
- INDUSTRIAL STRUCTURES WITH MEZZANINE FLOORS AND EOT CRANES.
- ALL PLANT AND NON PLANT BUILDINGS.
- ROADS & STORM WATER DRAINAGE SYSTEM.
- PILING LAYOUT, SIZING & CALCULATIONS
CIVIL STRUCTURAL COMPETENCY

- DESIGN OF SUPERSTRUCTURE
- DESIGN OF SUBSTRUCTURE
- DESIGN OF U/G TANKS
- SKID/MODULE STEEL DESIGN
- STEEL DETAILING & FABRICATION DRAWINGS
- PLATE ELEMENT ANALYSIS
- ROAD / DRAINAGE /CABLE AND PIPE TRENCH /FENCE/GATE
- BILL OF QUANTITY AND WEIGHT CALCULATIONS
- DESIGN TOOL DEVELOPMENT
CIVIL CORE COMPETENCY

- DESIGN BASIS AND SPECIFICATION
- BASIC AND DETAIL ENGINEERING OF SUB /SUPER STRUCTURE
- PIPE RACKS
- TECHNOLOGICAL STRUCTURES
- BOILER STRUCTURES
- WAREHOUSE / STORAGE BUILDING
- BLAST RESISTANCE STRUCTURE
- FOUNDATION DESIGN (PILE/TABLE TOP/BLOCK TYPE)
- RCC / STEEL STACK DESIGN
- ARCHITECTURAL AND BUILDING DESIGN
- CONVEYOR SUPPORT STRUCTURES AND JUNCTION TOWERS
SOFTWARE EXPERTISE

DESIGN TOOLS

- STAAD PRO
- AUTO CAD
- NAVIS WORKS
- ROBOT STRUCTURAL ANALYSIS PROFESSIONAL
- MAT 3D
- TEKLA
- PDMS (IMPORT FROM TEKLA MODEL)
- REVIT (FOR 3D MODEL IF REQUIRED)
CIVIL STRUCTURAL DESIGN SAMPLE
STRUCTURAL ANALYSIS SAMPLE
ARCHITECTURAL AND BUILDING DESIGN SAMPLES

AUTOCAD 2D SAMPLE

REVIT 3D SAMPLE
STEEL DETAILING & FABRICATION SAMPLE
PILETING LAYOUT, SIZING & CALCULATION
SAMPLE