



# SB CONSULTANTS

Engineering, Procurement & Construction

## We Engineer your needs

Over **25 years** of design **Experience** in  
Civil Structure Design & Construction Support

**Pre-Bid Engg /  
Bid proposal**

**Steel Structure  
Design & Detailing**

**Reinforced concrete  
Design & Detailing**

**Building Engg  
Design & Detailing**

**Construction Services  
& support**



# About Us

SB Consultants is a Civil & Structural design Engineering and consulting organization providing innovative and cost optimum solutions through quality design and use of skilled resources.



Team consists of senior level Engineering professionals with average experience of plus 15 years and can take up Engineering activities at short notice. We also provide manpower for short term deputation or work share basis through work from anywhere concept. Present team includes 5 Engineers and 3 Designers.

## Key Persons

### Umesh K Srivastav

**Civil & Structure Head & Consultant**

B.E. Civil (1994), MNREC, Allahabad

Experience: 25+ yrs of hard core experience in Civil, Structural & Building design in reputed EPC companies in India and abroad including L&T, PDIL, PETROFAC, CNPC etc.

Jointly worked with multi office Engineering centres in India and abroad for Bid proposals, FEED & detail Engineering projects including green field and brown field modification jobs

Key person responsible for review and approval of major documents including Civil & Structure Design basis, Standard drawings & specifications, Inquiry requisitions etc

### Arnik Doshi

**Head – Offshore Engineering**

B.E. Civil (1997), SVNIT, Surat

Experience: 22+ yrs of experience in Offshore, Onshore and Modular Structural Design.

Previous Employers: SAIPEM-France, Dragados Offshore-Spain, KBR-UK, Mustang-UK, Worley Parsons-UK, AMEC-UK, Foster Wheeler-UK and L&T-Chiyoda Ltd,

### Kulveer S.

**Lead Designer-Civil & Structure**

Experience: 20+ yrs in Civil, Structure & Building detailing and 3D modeling

Software Knowledge includes Autocad, Microstation, Tekla, SP3D, PDS, PDMS, Smart Plant Review

## Associate Partners

(For multi discipline Engineering)

- **ODE Consultants** : Building Interface modelling (BIM) – using REVIT software
- **Ohm Encon Pvt Ltd** : Electrical Engineering/ Substation Design
- **Petro Engg Consultant** : HSE design for Buildings & associated plant facilities
- **Doe Technologies** : 3D Plant & Package design for Piping



# Services Provided

## Pre-bid / Proposal Engg

- Quantity estimation
- Technical clarifications
- Material requisition
- Bid basis
- Review/ prepare technical standard drawings and specifications
- Provide manpower / consulting services on short term & Long term basis

## Civil & Structure Design

- Design Basis
- Steel Structure design-Piperack, Shelters , Technological Structure
- RCC structure design
- Building Engg and design
- Equipment foundation design
- Review Engg support
- Structural fabrication drawings
- Procurement support
- Construction support
- As Built Engineering
- Field Engineering support



- Manpower deputation for short term and Long term basis

## Offshore Engineering

- Technical Specifications
- In place & Fatigue Analysis for topside modules
- Seismic Analysis / Dynamic Analysis
- Pre-service Analysis
- Preparation of IFC drawings
- Fabrication drawings, Nesting Plans and Weld maps
- Material take-off, Material Requisition & Reconciliation
- Design of Temporary Fabrication supports
- Weight & COG reports
- Lifting / Load-out Analysis & procedure
- Transportation Analysis



## Software Expertise



STAAD PRO

SACS

FOUNDATION 3D

MAT 3D

Tekla structures (X-steel)

AUTOCAD

MICROSTATION

PDS / PDMS

Smart Plant Review

Navis Works



## Engineering Standards

- Experience includes working with following different codes
- British codes
- Euro Code
- American codes
- Indian standards

## Clientele

- Engineering consulting companies
- EPC contractors
- Construction Contractors
- Fabricators
- Package vendors
- Owner Operators

## LIST OF KEY PROJECTS HANDLED

### Onshore Projects

- Qusahwira Field Development Phase II Project, ADNOC Onshore, Abudhabi , UAE
- SRU/ ARU/ SWS project for RAPID, PETRONAS, Malaysia
- South Yoloten Gas field development project, Turkmen Gas, Turkmenistan
- Lube Base Oil Project, PETRONAS REFINERY, MELAKA , MALAYSIA
- Isomerisation Project,ORCC , Oman Refinery, Muscat , OMAN
- PTA (Purified Terephthalic Acid) Project, Indian Oil Corporation, Panipat, INDIA
- Sulphur Recovery Unit, Thai Olefins Project, Thailand
- DHDT Project , IOCL, Panipat, INDIA
- Hydrogen Generation Unit, BPCL, Mumbai, India
- Cross Country Pipeline Project BPCL, Haldia, INDIA

### Offshore Projects

- HI Development – Nigeria for Shell – SPDC and Sunlink JV
- Buzios 6 – FPSO for Petrobras Brazil
- DolWin6 Offshore Converter Platform for Tenne T Offshore GmbH
- Absheron EPS project for TOTAL – SOCAR
- Tangguh Expansion project for CSTS Bp's
- Ivar Aasen Field Development Project for Det Norske
- Clair Ridge Project for BP



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#### REGISTERED OFFICE

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