Convoyage Systems Pvt Ltd

Managed Service Division
support@convoyage.in | 7008012620

Convoyage Systems Pvt. Ltd

CIN: U72900OR2021PTC038415

PROJECT MANAGEMENT CONSULTANT

PROJECTS – OPERATION – COMMISSIONING - DELIVERY

Convoyage.in

Construction Eco-System

We are proud to be Part of

#startupindia

Reg. No: - DIPP96710

CSPL Business Domain

INDUSTRIAL CONSTRUCTION - EPC

MINING EXPLORATION & OPERATIONS

MEGA LIFT IRRIGATION PROJECTS

ELECTRIAL AIS/GIS & TRANSMITTION - EPC

PROJECT MANAGEMENT CONSULTANT

CSPL Business Portfolio

Construction Services

Materials & Equipment

Sub-Contract & Manpower

Transport & Logistic

Project Management ERP

CSPL – Business Entity

LXXXG INFRASTRUCTURE LTD - CONSTRUCTION

UXXXXD INFRACORE LTD – MINING OPERATIONS

LAXXXA POWERTECH LTD - EPC

RACXXXA CO - EPC

Every group of companies listed here is competent with their respective expertise having turnover more than 1000Cr
All the companies are listed in NSE & BSE - INDIA

PROJECT MANAGEMENT CONSULTANT

PROJECTS – OPERATION – COMMISSIONING - DELIVERY

OUR MAJOR PROJECTS WITH Associate companies

SECTORS WE CATER

Oil & Gas

We provide expert turnkey solutions for Oil & Gas, from upstream to downstream operations, ensuring safety and efficiency.

Renewable Energy

We provide Complete EPC solutions for Biomass/compressed BioGas Power Generation solutions, solar projects and wastage recycling solutions.

Power

We deliver comprehensive end-to-end EPC solutions for capabilities across thermal, gas-based, and combined cycle power plants along with O&M support

Power/Data Centers

We provide end-to-end EPC (Engineering, Procurement, and Construction) solutions for data centers, tailored to meet the demanding requirements of today's digital infrastructure

SPECTRUM OF SERVICES

Oil & Gas Project Capabilities

Well head surface facilities

- Surface infrastructure for oil/gas wells
- Flowlines and Manifold system
- Chemical Injection system
- Well head control system

Gas Gathering Systems

- Inlet facilities such as inlet separator, pig receiver, Flow metering systems, filtration
- Gas Treatment system:
- Utilities and Auxiliary systems
- Gas Discharge and Pipeline Tie-in
- Associated Instrumentation, Electrical, Civil & Structural systems

Gas Compression System

- Design Engineering
- Supply of Compressor Package
- Suction/discharge piping
- Inlet gas scrubber/Suction KODs
- Intercooler & Aftercoolers
- Gas Dehydration System
- Instrumentation & Control system
- Supply of Balance plant Equipment
- Supervision, Testing & Commissioning

Oil & Gas Separation and Treatment Units

- 2-phase or 3-phase separators
- Gas scrubbers, Gas Dehydration units, Gas sweetening unit
- Oil Treatment system including heater treater, Desalting unit, crude oil stabilizer
- Water treatment system

OIL & GAS EXPERIENCE

Major Completed Projects:

Client Name	Project Name	Scope of Work
Kirloskar Pneumatic co Ltd.	Development of Gas Compression Station at ONGC CTF, Ankleshwar	EPCC of Gas Compressor station of Capacity 3 x 2,50,000 SCMD, ONGC-CTF, Ankleshwar, Gujarat
IOCL, Paradip	Construction of compressor house including installation of Propylene unloading compressor with piping works in BOOT-3 area of Propylene TT Unloading	Construction of compressor house including installation of Propylene unloading compressor with piping works in BOOT-3 area of Propylene TT Unloading
BHEL-HPVP	Desalination Heater system Revamping Project, ONGC-Navagam	Removal of Existing Feed Heater and Installation, Testing & Commissioning of New Feed heater system
Kirloskar Pneumatic co Ltd.	Development of Gas Compression Station at M/s GSPL India Transco Ltd, Tadepalligudem-Andhra Pradesh	Installation, Testing & Commissioning of Gas Compressor station of Capacity 6 x 6,50,000 SCMD

Major Ongoing Projects:

Client Name	Project Name	Scope of Work
Asian Energy Services Ltd.	Supply Of 3 Nos. Gas Compressor Station At Rupkhelia, Assam	Design, Engineering, Supply, Installation, Supervision, Testing & Commissioning at site of 3 Nos. Gas Compressor package and balance of plant
Hoerbiger India Pvt. Ltd.	Conversion of 3 Nos. GEMINI make HP Air compressor(3 Nos.) to skid mounted motor driven Gas compressor	Design & Engineering Supply, Installation, Supervision, Testing & Commissioning of complete skid package for upgradation from Air compressor to Gas Compressor including Balance of plant works.
Equinox Engineering Limited, Canada	Creation of surface facilities and pipeline networks for CBM Jharia block - Parbatpur GCS - Bokaro asset	LSTK of surface facilities and pipeline networks for CBM Jharia block - Parbatpur GCS - Bokaro asset
BHEL-HPVP	GAIL- Usar polypropylene expansion project	Contract for Site works of Erection, Testing and Assistance during Pre-commissioning & Commissioning of Reactor Charge Heater

PROJECT EXTRACTS(Oil & Gas)








Renewable Energy

Biomass Power Plant

- Biomass Fuel handling solutions(Receiving stations)
- Boiler & combustion system
- Steam cycle components (Steam turbine & piping)
- Water Treatment & Utility system
- Flue Gas & Emission Control system
- All associated E&I, civil works

Compressed Bio-Gas Solutions

- Feedstock handling system(Separator, crusher)
- Bio-Gas cleaning and Pre-treatment system (H2S scrubbing, separator)
- Bio-gas upgrading system (CO2 removal Techology)
- CBG Compression and Bottling system
- Dispensing & Distribution system
- Utilities and Auxiliaries system

Solar Power Plant

- Site assessment & Design Engineering
- Solar PV System
- Energy Storage System
- DG set Integration
- Power Distribution & Control
- Hybrid controller & SCADA system
- Electrical safety & compliance
- Utility Integration

Wastage recycling solutions

- Agriculture and Food waste recycling
- Industrial waste recycling (Sludge drying and recovery unit)
- Integrated smart waste management system using SCADA/IOT

RENEWABLE ENERGY EXPERIENCE

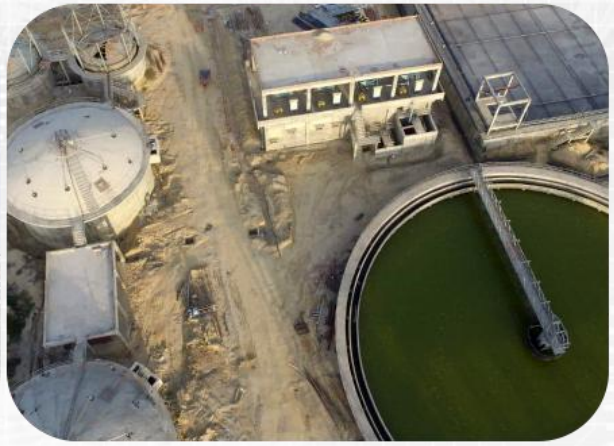
Major Completed Projects:

Client Name	Project Name	Scope of Work
Satake International	A+ Power Project, Thailand	Installation, Testing & Commissioning Of Biomass Gasification Power Generation Project of Capacity 2.4 MWe At Thailand.
GMMCO Limited	Municipal Solid Waste Management Plant, North Goa	Supply of BOP, Testing & Commissioning of Power Generation Plant along with H2S Gas Scrubbing System
Triveni Engineering & Industries Limited	60 MLD STP Plant, Up Jal Nigam, Firozabad	EPCC of BOP Equipment along with the H2S Gas Scrubbing System for 600 KWe Power Generation Plant
Triveni Engineering & Industries Limited	100 MLD STP Plant, HUDA, Gurgaon	Supervision of Installation, Testing & Commissioning of 1.6MWe Biogas Power Generation System & H2S Scrubbing System

Major Ongoing Projects:

Client Name	Project Name	Scope of Work
Raub Energy Ventures Sdn Bhd	EFB based Biomass Power Generation Plant of Capacity 5MWe, Malaysia	EPCC of Producer Gas & Biogas Based Powerplant

PROJECT EXTRACTS (RENEWABLE ENERGY)



Power & Data Center

Gas/Diesel Engine Power Plant system

- Fuel handling system (Gas compressor, drying and H2S scrubbing)
- Gas/Diesel Engine Generator set
- Exhaust & heat recovery system
- Electrical & Control system
- Engine cooling system
- Lube oil system
- Plant integration & Monitoring
- Fire detection & suppression system

Data Centers

- HSD fuel system
- Transformers, UPS, DG sets
- HVAC, chillers, cooling towers
- Fire Suppression system
- Data Centre Infrastructure Management system
- Emergency Power supply and backup system

POWER PROJECTS EXPERIENCE

MAJOR COMPLETED PROJECTS

Client Name	Project Name	Scope of Work
Megha Engineering & Infrastructure.	Rageshwari Gas Terminal (RGT) Cairn-Vedanta Bridge Project of 90 MMSCFD Gas Processing	EPCC of 3 x 1 MWe Waukesha Gas Engine Generator Power plant for 90 MMSCFD EPS Project, Cairn India, Barmer, Rajasthan.
GMMCO Limited	3 X 2 Mwe , 3.3KV Power generation plant for the ETP at ONGC Limited - NADA. Ankleshwar Asset.	Supply of BOP equipment, Installation, Testing & Commissioning of 2 nos of G3520C 1996 KWe 3.3KV Caterpillar Gas Genset
Essar Oil Limited	CBM Gas Processing stations - Durgapur, West Bengal.	Supply of BOP Equipment, Erection & Commissioning for shifting of 2 MWe Gas Generator (GE Jenbacher) Based Power Plant.
GMMCO Limited	6.4Mwe Emergency power Generation with Diesel Generator Set at WIPRO SEZ.	Supply of BOP materials, Erection & Commissioning Suitable for 4 x 2000 kVA DG set and its accessories
Triveni Turbine Limited	Nandan Denim Limited, Ahmedabad	Installation Testing & Commissioning of 5 MWe Steam Turbine Generation plant

MAJOR COMPLETED PROJECTS - DATA CENTERS

Client Name	Project Name	Scope of Work
GMMCO Limited	Sify Technologies T02 Data Center	Supply of BOP Equipment, Erection & Commissioning of 19.2 MWe Emergency power Generation with Diesel Generator Set
GMMCO Limited	Amazon BOM 63 Data Center	Supply of BOP Equipment, Erection & Commissioning of 56 MWe Emergency power Generation with Diesel Generator Set
GMMCO Limited	Sify Technologies T05 Data Center	EPCC of HSD System for 57 MWe Data Center
Powerica Limited	NTT DC02 Data Center	Design, Supply, Installation & Testing & Commissioning of Double wall HSD fuel system
Powerica Limited	Nxtra Airtel Data Center, Pune	Supply of BOP Equipment, Erection & Commissioning of 14 MWe Emergency power Generation with Diesel Generator Set

POWER PROJECTS EXPERIENCE

Major Ongoing Projects:

Client Name	Project Name	Scope of Work
GMMCO Limited	NTT DC13 Data Centre	Supply of BOP Equipment, Erection & Commissioning of 34 MWe Emergency power Generation with Diesel Generator Set
Powerica Limited	Nxtra Data Center Pune	Supply of BOP Equipment, Erection & Commissioning of 16 MWe Emergency power Generation with Diesel Generator Set along with Double wall HSD fuel system
GMMCO Limited	Sify Technologies Ltd T05 Data Center Phase II	Supply of BOP Equipment, Erection & Commissioning of 16 MWe Emergency power Generation with Diesel Generator Set along with Double wall HSD fuel system
Powerica Limited	NTT DC13 Data Centre	Design, Supply, Installation & Testing & Commissioning of Double wall HSD fuel system

PROJECT EXTRACTS (POWER & DATA CENTERS)








INTEGRATED OPERATION & MAINTENANCE SERVICES

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INTEGRATED O&M EXPERIENCE

Major O&M

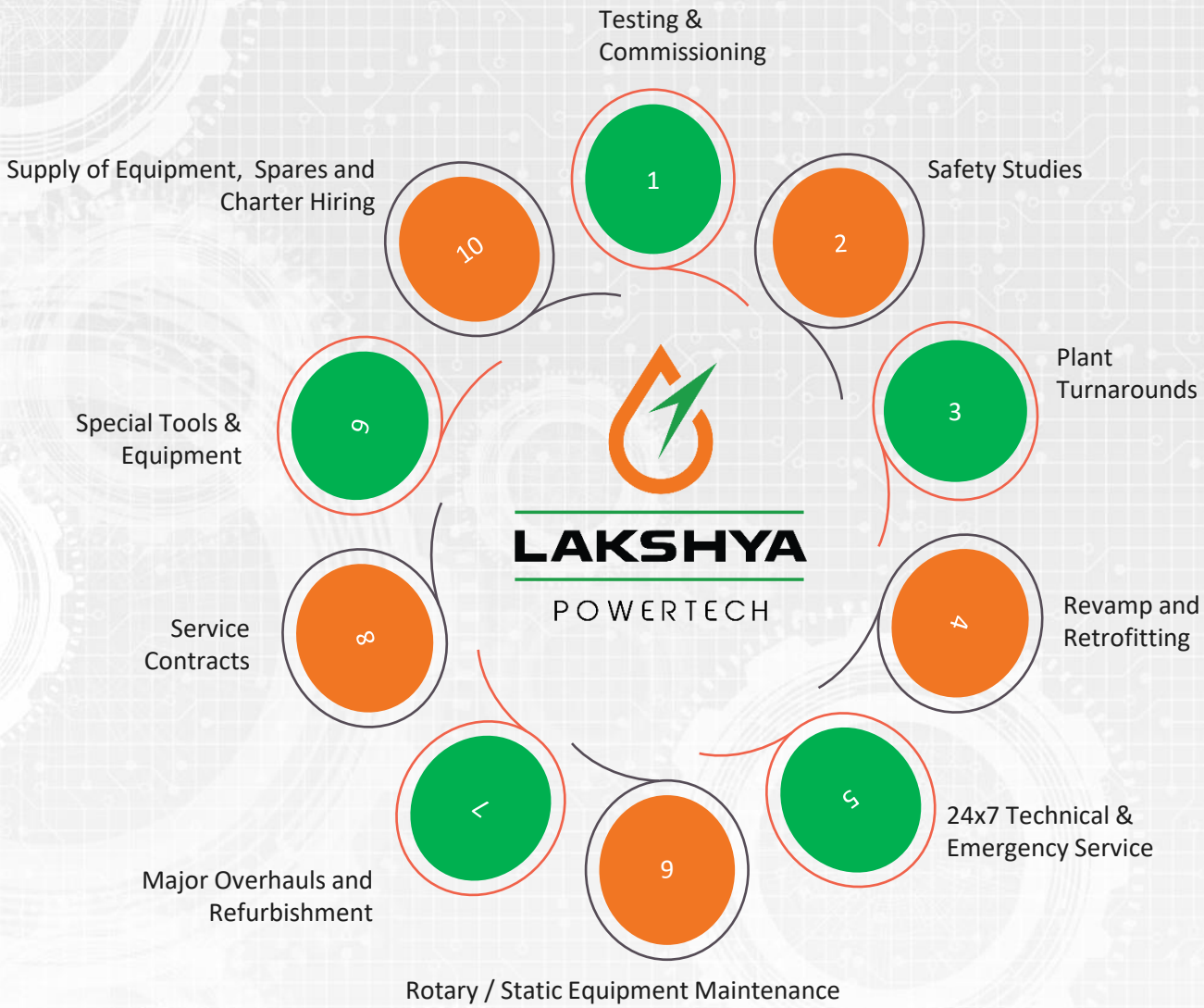
CLIENT NAME	SCOPE OF WORK	SECTOR	STATUS
L&T Hydrocarbons	Integrated Operation & Maintenance of 240 MMSCFD Gas Processing Plant, along with associated well pads, Vedanta Limited – Cairn Oil and Gas, Barmer, Rajasthan	Oil and Gas	Ongoing Project
ONGC Limited	Operation & Maintenance Services of Gas Compression Station, CTF, Ankleshwar, Gujarat	Oil and Gas	Ongoing Project
ONGC Limited	Operation & Maintenance Services of Onshore Gas Terminal (OGT) at Kakinada Asset, Andhra Pradesh	Oil and Gas	Ongoing Project
Kirloskar Pneumatic Company Limited	Operation & Maintenance of Gas Compressor station of Capacity 6 x 6,50,000 SCMD for GITL, Andhra Pradesh	Oil and Gas	Ongoing Project
Triveni Turbine Limited	Comprehensive Maintenance of 2 MWe Gas Genset based CHP Plant, ONGC Green Building, Mumbai, Maharashtra	Power	Ongoing Project
Heubach Colour Limited	Operation & Maintenance of 4.7 Mwe Gas Genset based CHP Plant at Ankleshwar, Gujarat	Power	Ongoing Project
Apcotax Industries Limited	Operation & Maintenance of 1.8 MWe Gas Genset based CHP Plant at Ankleshwar, Gujarat	Power	Ongoing Project
Atul Limited	Operation & Maintenance of 5.6 MWe Gas Genset based CHP Plant at Ankleshwar, Gujarat	Power	Ongoing Project
Hindustan Petroleum Corporation Limited	Operation & Maintenance of 14 T Compressed Biogas (CBG) Plant at Badaun, Uttar Pradesh	Renewables	Ongoing Project

INTEGRATED O&M EXPERIENCE

Major O&M

CLIENT NAME	SCOPE OF WORK	SECTOR	STATUS
Essar Limited	Hiring Of Services for Annual Maintenance Contract (AMC) of Ajax make Gas Compressors & Commissioning Support and Other GGS Equipment	Oil and Gas	Completed
Megha Engineering & Infrastructure Limited	Operation & Maintenance of 90mmSCFT Gas Processing Plant, Cairn India, Barmer, Rajasthan	Oil and Gas	Completed
OCS Services (India) Pvt Ltd.	Operation & Maintenance of 90mmSCFT Gas Processing Plant, Cairn India, Barmer, Rajasthan	Oil and Gas	Completed
Shapoorji Pallonji Bumi Armada Offshore Private Limited	Operation & Maintenance of 90mmSCFT Gas Processing Plant, Cairn India, Barmer, Rajasthan	Oil and Gas	Completed
Kirloskar Pneumatic Company Limited	Operation & Maintenance of Gas Compressor station of capacity 4 x 6,50,000 SCMD at DNPL, Assam	Oil and Gas	Completed
Gokulanand Petrofibers	Operation & Maintenance of 10 MWe Gas Genset based CHP Plant at Surat, Gujarat	Power	Completed
Triveni Turbine Limited	Operation & Maintenance of Captive Power Plants of capacity 27 MWe at 5 Locations in Gujarat.	Power	Completed
Satake International	Operation & Maintenance of Biomass Gasification based Power Plant with capacity 2.4 Mwe at Thailand	Renewables	Completed
Triveni Engineering & Industries Limited	Operation & Maintenance of 1.6 Mwe 100 MLD STP Biogas generation plant along with H_2S Gas Scrubber plant at HUDA, Gurugram, Haryana	Renewables	Completed
Triveni Engineering & Industries Limited	Operation & Maintenance of 60 MLD STP Plant at UP Jal Nigam, Firozabad, Uttar Pradesh	Renewables	Completed

SPECIAL SERVICES



SPECIAL SERVICES

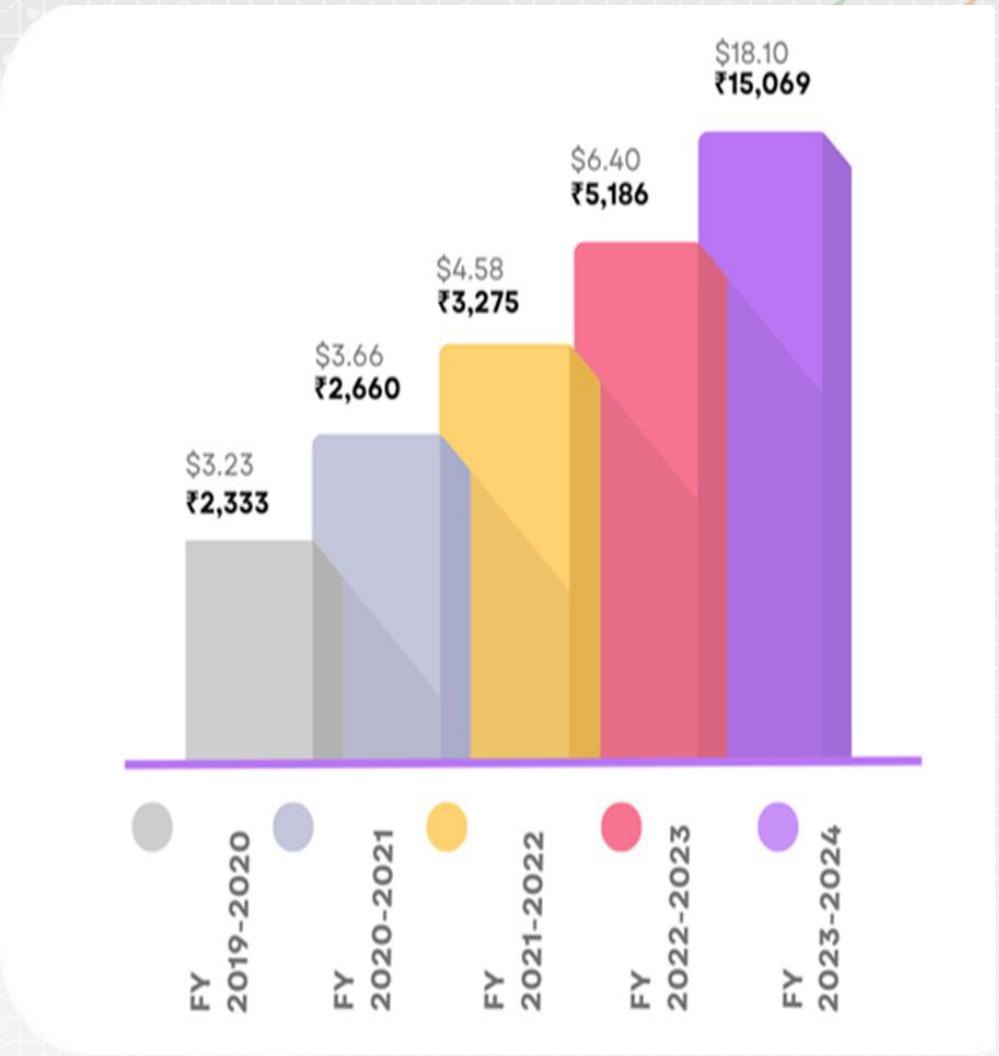
CRITICAL SERVICES LIST

CLIENT NAME	SCOPE OF WORK	TYPE OF SERVICE	SECTOR
IOCL Mathura	ARC for Troubleshooting and maintenance of reciprocating Compressors at Mathura Refinery	AMC	Oil and Gas
IOCL Panipat	Contract for miscellaneous tag jobs during revamp shutdown at Panipat Naphtha Cracker Panipat	Shutdown	Oil and Gas
Megha Engineering & Infrastructure Limited	Supply of Adiabatic Cooling System	Supply of Equipment	Oil and Gas
Sudelettra Nigeria Limited	Supervision, Installation & Commissioning of Water Injection pumping system at Ebocha Oil revamping project Phase – 2	Testing & Commissioning	Oil and Gas
Petrofac	Hydrotesting Crew, Dismantling, Maintenance, Calibration & Erection of PSV's, Commissioning works in Propane refrigeration system & Recycle gas Compressor Package	Testing	Oil and Gas
Assam Gas Company Limited	Major Overhauling of Waukesha Gas Engine of AGCL gas Compressor Package.	Overhauls	Oil and Gas
Triveni Turbine Limited	Major Overhauling of 4 Waukesha Gas Engine Generator set of capacity 1 MWe.	Overhauls	Power
Megha Engineering & Infrastructure Limited	Top end Overhaul of 30 MMSCFD Waukesha Gas Engine 7042Gl-ArielJGK4 Compressor	Overhauls	Oil and Gas
Vedanta Limited – Cairn Oil and Gas	Swapping of 1250 KVA Gas Engine Generators at AGI Station	Revamp and Retrofitting	Oil and Gas
Hardy Exploration & Production (India) Inc	Refurbishment & Recertification Of Well Head Control Panel And Topside Umbilical Termination Unit	Refurbishment	Oil and Gas

REVENUE GROWTH

REVENUE IN ₹ (LAKHS)

AND $ (MILLIONS)



MANUFACTURING CAPABILITIES

PRESSURE VESSEL

We are very well equipped to supply a wide range of pressure vessels for varied operations in various units of oil & gas, petrochemical, fertilizers and chemical industries. Our offering includes cladded vessels. vessels with high thicknesses and high pressure as well as pressure vessels in special metallurgies. We can fabricate vessels as per clients required volume. pressure rating, material, country/application specific vessel code.

TURNKEY PROJECTS

We fabricate tanks either in our Ahmedabad workshop or on-site at customer facilities. Factors such as tank size, location (on the grounds or inside the plant), and scheduling determine the suitability for shop or field fabrication.

HEAT EXCHANGERS

Shell and Tube Heat Exchangers are one of the most popular types of exchanger due to the flexibility the designer has to allow for a wide range of pressures and temperatures. Heat Exchangers are widely used in space heating, refrigeration, air conditioning. power plants, chemical plants, petrochemical plants. petroleum refineries, natural gas processing, and sewage treatment.

SKID & STRUCTURE FABRICATION

Backed by diligent and skilled professionals, we are dedicated to providing excellent Skid & Structure Fabrication Services to our valued clients.

MANUFACTURING CAPABILITIES

STAINLESS STEEL FABRICATION

We provide stainless steel fabrication services for various companies, organizations, and businesses that require a wide range of stainless steel fabrication products for their needs. When it comes to stainless steel fabrication, we have access some of the state-of-the art in production, and quality control methods.

HEAVY FABRICATED COMPONENTS

We offer high quality mild steel fabrication to
our clients. We hold a strong reputation for reduced lead times and meeting the most stringent of deadlines.

STORAGE TANKS

We are devoted towards offering the qualitative range of Storage Tanks as per client's precise need and requirements. A storage tank is a container, usually for holding liquids, sometimes for compressed gases (gas tank). The term can be used for reservoirs (artific- ial lakes and ponds), and for manufactured containers. The term tends to refer only to artificial containers.

WORKING COPACITY & FACILITIES

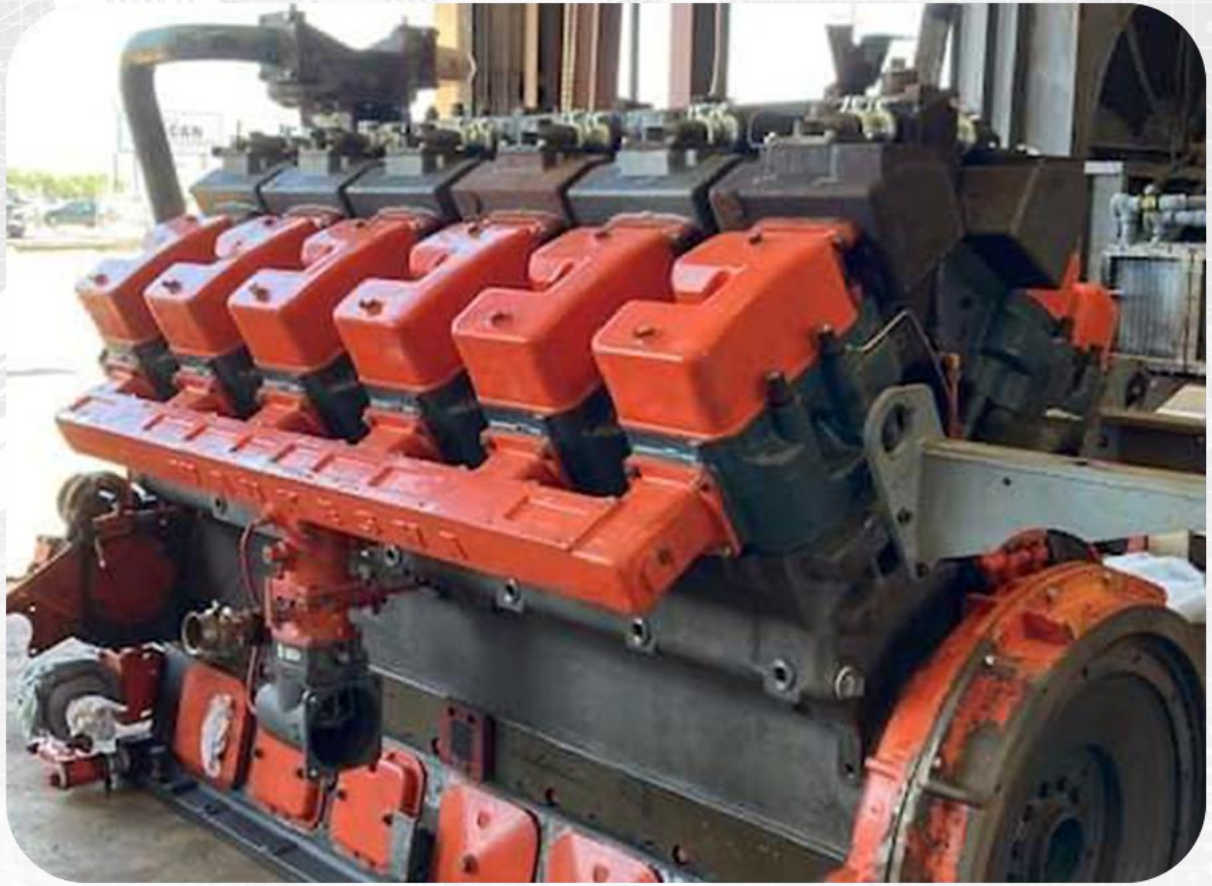
WORKING AREA

40 m long x 25 m width x 8 m height (approx 8000 sq.ft)

LIFTING FACILIT

Up to 7.5 tons of lifting capacity EOT remote control crane.

SERVICE EXTRACTS



WORKSHOP EXTRACTS

HSE EXTRACTS

INFRASTRUCTURE & FACILITIES

- **6,500 SQFT Office** at Corporate Road , Ahmedabad.
- Regional offices at **Mumbai, Hyderabad & Barmer**
- **Service Locations** at Ahmedabad, Ankleshwar, Mumbai, Rajahmundry, Rajasthan & Gurgaon
- **18,000 SQFT Workshop** with 150 MT per month fabrication facility, located in Industrial Development Zone, Dhamatvan, Ahmedabad

MANPOWER RESOURCES

No.	DEPARTMENT	STRENGTH
1	MANAGEMENT	8
2	PROJECT MANAGEMENT	24
3	MARKETING & SALES	8
4	HR & ADMIN	10
5	DESIGN & ENGINEERING	16
6	PSCM	14
7	QA & QC	6
8	HSE	24

Sno.	DEPARTMENT	STRENGTH
9	FIRE & SAFETY	70
10	CONSTRUCTION MANAGEMENT	120
11	FINANCE & ACCOUNTS	16
12	MAINTENANCE	280
13	OPERATIONS	372
14	PIPING & FABRICATION	110
15	SUBCONTRACT MANPOWER	450
TOTAL		1528

CERTIFICATIONS

Lakshya Powertech proudly announces its certification by **Bureau Veritas for ISO 9001:2015, ISO 14000** and **ISO 45001:2018 standards**. These certifications reflect our commitment to quality management and occupational health and safety, ensuring top-quality products and a safe work environment. Additionally, we have been accredited by **UK Certification & Inspection, validating our adherence to international standards and best practices**.

These achievements reinforce our position as a reliable partner in the power technology sector, dedicated to quality, safety, and customer satisfaction. At Lakshya Powertech, we strive for excellence in all our endeavors.

OUR CLIENTS


ओएनजीसी
ONGC
Petrofac
बीएचईएल
BHEL
इंडियनऑयल
IndianOil
HP
CAIRN
ESSAR
Gimmco
CAT
meil
Megha Engineering & Infrastructures Ltd
kirloskar
Pneumatic
vedanta
SATAKE
Triveni
TURBINES
Atul
heubach
COMPETENCE IN COLOR
Amul
The Taste of India
ocs
OMNOVA
SOLUTIONS
CPCL
ELECON
GEARING THE FUTURE
Shapoorji Pallonji
THERMAX
PDIL
पी डी आई एल
ENGINEERING THE FUTURE
JOHN
Energy Ltd.
POWERICA
A PROMISE FOR POWER
EQUINOX
Engineering
apcotex

Convoyage
Systems Pvt Ltd

Contact us

For a Free quote please contact the Following

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Head Office: Bangalore-INDIA
E-Mail: - Support@convoyage.in

Continue with Documents Enclosures…

OUR MAJOR PROJECTS WITH Associate companies

(B) Work Achievements

Work No :-1

- **Name of Project :- Construction of Fly Over bridge at Sitanagar Char on 45.0 Mt. wide middle ring road in TP no. 11 (Puna) in Rasta Varachha ,**

- **Employer :- Surat Municipal Corporation (BRTS Cell)**
- **Year of Completion :- 2014**
- **Project Cost :- 2365.96 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1000mm Dia Pile.**
- **(b) Substructure: RCC Pier & Pier Cap**
- **(c) Superstructure: 1) PSC Voided Box Slab 2 Span of 35Mtr C/C**
- **2) PSC 34 Span of 25.00 Mtr C/C having**
- **Precast 102 No.PSC Girder with Launching :- 3) RCC 9 Span of 12.50 Mtr C/C**

Work No :-2

- **Name of Project :-Construction of approaches for Railway over Bridge A/C Ahmedabad -Mumbai Broad Guage Railway line At Railway Km 447/28 -448/2 Between station Utarsanda and Nadiad on Nadiad -Petlad Road (L.C No 273)**

નડિયાદના પૂર્વ-પશ્ચિમને જોડતો
'સંબંધ સેતુ' આજે ખુલ્લો મુકાશે

14 44 02

- **Employer :- Kheda ,(R & B),Nadiad**
- **Year of Completion :- 2015**

- **Project Cost :- 3146.68 Lacs**

- **Main Features of Project**
- **Foundation: - 1500 m Dia Pile Foundation**
- **Nadiad Side Span: - 10 X 21.60Mtr & 1 X 8.50 Mtr**
- **Petlad Side Span: - 10 X 21.60Mtr & 1 X 8.50Mtr**
- **Total Length of Retaining Wall Portion:-**
  Nadiad Side: - 185.00 M + Petlad Side 190.00M = 375.00M

Work No.3

- **Name of Project :- Construction Of Creek Bridge Across Creek in T.P 43 Joining Bamroli and Bhimrad near Ashirvad Enclave in Surat City.**

- **Employer :- Surat Municipal Corporation, (Bridge Cell)**
- **Year of Completion :- 2014**
- **Project Cost :- 1891.56**
- **Main Features of Project**
- **Foundation: - 1000mm Dia Pile**
- **Substructure : - RCC Pile Cap,Pier,Abutment**
- **Superstructure :- PSC Concrete girder & Deck Slab (9 Spans each of 25.00m)**

Work No-4

- **Name of Project :- Construction of a bridge with approaches across Purna river on Bardoli - Mahuva - Anaval Road (SH) Ta. Mahuva, Dist. Surat**

- **Employer :- R & B Division,Surat**
- **Year of Completion :- 2014**
- **Project Cost :- 3562.83 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1500mm & 1000mm dia Pile foundation.**
- **(b) Substructure: 15 Span X 20 Mtr, T-Beam Girder Type Superstructure**
- **(c) RCC U Type Re Wall :-184.76 Mtr**
- **(d) RCC Box Type Re Wall :- 249.18 Mtr**

Work No-5

- **Project Name :- Construction of Fly Over Bridge at Harinagar Junction Between Natubhai Circle to Gotri Road, Vadodara**

- **Employer :- Vadodara Mahanagar Seva Sadan, Vadodara**
- **Year of Completion :- 2015**
- **Project Cost :- 2598.20 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1200mm dia Pile foundation.**
- **(b) Substructure: 25 Span X 20 Mtr, PSC Girder Type Superstructure & 1 Span 45.50m c/c PSC Box**
- **(c) 23 Span Solid Slab 8.0m c/c**

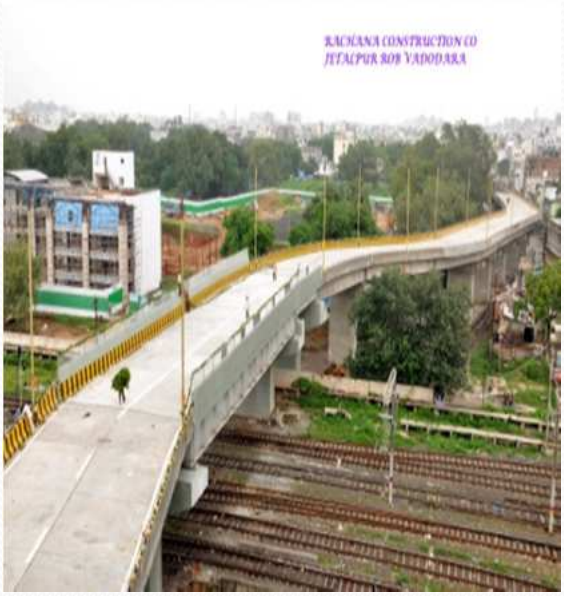
Work No-6

- **Name of Project :-Construction of ROB with approaches in lieu of level crossing No. C-27 at PALI including Railway portion (Excluding cost of cement).**

- **Employer :- Rajasthan State Road Development Corporation Ltd,Pali**
- **Year of Completion:- 2013**
- **Project Cost :- 1202.80**
- **Main Features of Project**
- **(a) Foundation:1200mm dia Pile foundation.9.00Mtr wide on State portion 1000mm dia pile foundation 12.00 Mtr wide on Railway Portion.**
- **(b) Substructure:**
- **RCC wall type pier with RCC pier cap over it for Pali ROB**
- **(c) Superstructure:**
- **10 Span including Main Rauilway span of 40.40 MtrLength superstructures.**

Work No-7

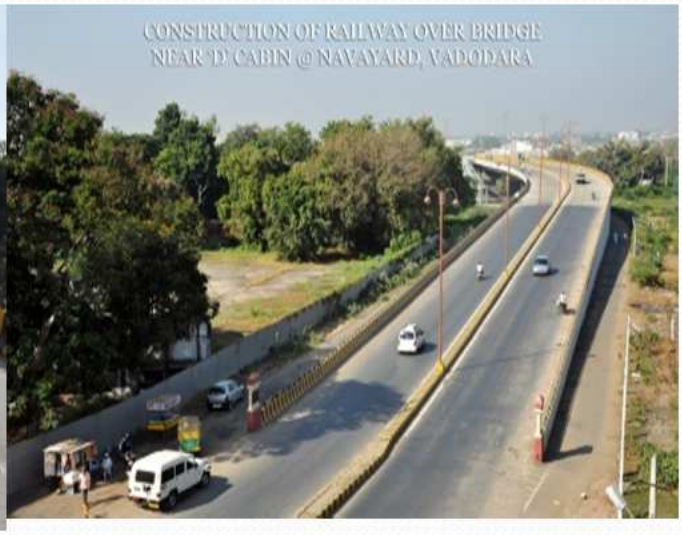
- **Name of Project:-Construction Of ROB Including Approaches, Excluding Railway Span Across Ahmedabad – Mumbai B.G. Rly. Line At railway Km 395/10 Between Station Vadodara And Makarpura Near Dinesh Mill At Vadodara.**



- **Employer :- Vadodara Mahanagar Seva Sadan,Vadodara**
- **Year of Completion:- 2011**
- **Project Cost :- 1543.00**
- **Main Features of Project**
- **(a) Foundation: 1000mm & 600 mm dia Pile foundation.11.40 Mtr wide on 1000mm dia pile foundation**
- **(b) Substructure: RCC wall type pier with RCC pier cap over it for Railway Over Bridge Vadoadra**
- **(c) Superstructure: Railway over Bridge of 21 spans of 20.00Mtr& 4 Spans of 10.00 Mtr Box Type Superstructures.**

Work No-8

- Name of Project :-Construction Of ROB Including Approaches, Excluding Railway Span Across Ahmedabad – Mumbai B.G Rly. Line At Railway Km 399/41 Between Station Vishwamitri And Makarpura At D – Cabin In Nava Yard On 24 M Road At Vadodara



- **Employer :- Vadodara Mahanagar Seva Sadan,Vadodara**
- **Year of Completion:- 2011**
- **Project Cost :- 1246.00**
- **Main Features of Project**
- **(a) Foundation: 1200mm dia Pile foundation.16.50 Mtr wide on 1200mm dia pile foundation**
- **(b) Substructure: RCC wall type pier with RCC pier cap over it for**
- **Railway Over Bridge Vadoadra**
- **(c) Superstructure: Railway over Bridge(excluding Railway Portion) of14 Spanof 20.00 Mtr Box Type superstructures.**

Work No-9

- **Name of Project :-Work of Const. of ROB in lie of existing level crossing No. 264/B near Boriavi in Km.2/0-2 of Anand Boriavi Road [SH-75]**

- **Employer :- Gujarat State Road Development Ltd, Gandhinagar**
- **Year of Completion:- 2014**
- **Project Cost :- 2240.39**
- **Main Features of Project**
- **Foundation : 1200 m Dia Pile Foundation**
- **Nadiad SideSpan :**
  8 X 21.60M, 2X12.60M 1 X 23.65M Box
- **Anand Side Span :**
  9 X 21.60M, 1 X 12.60M, 1 X 24.35 M Box

Work No-10

- **Name of Project :-Construction of " Shri Maharshi Arvind Ghosh " Fly Over Bridge in East zone 24.00 mt wide T.P.Road near Archna Vidhyalay from Bombay market to Punagam Road in Varachcha, Surat.**

- **Employer :- Surat Municipal Corporation, Surat**
- **Year of Completion:- 2015**
- **Project Cost :- 1431.49**
- **Main Features of Project**
- **Foundation :- 1000 m.m. dia Pile , 600 m.m.dia piles, 1200 mm dia piles**
- **Substructure: R.C.C. pier, piercap, Abutment**
- **Superstructure: P.S.C. SOLID SLAB, P.S.C.I GIRDER , Voided Slab.**
- **Length of Bridge**
  (Between ends of Decking): Total = 479.80 mt.
  Main Portion = 330.00 mt.
  Approch portion= 149.80 mt.

Work No-11

- **Name of Project :-Construction of Bridge across creek on either side of exsting bridge near Kharvarnagar,Udhana for Surat-BRTS project under JnNURM Scheme**

- **Employer :- Surat Municipal Corporation, Surat**
- **Year of Completion:- 2012**
- **Project Cost :- 1725.07**
- **Main Features of Project**
- **(a) Foundation: 1200mm dia Pile foundation. 24.00 & 11.80 Mtr wide on 1200mm dia pile foundation**
- **(b) Substructure: RCC wall type pier with RCC pier cap over it for Kharvarnagar**
- **(c) Superstructure: 8 Spanof 12.00Mtr RCC Solid Slab Type superstructures.**

Work No-11

- **Name of Project :- Construction of 4 Lane ROB in lieu of L.C. No.138X/A at Rly km 252/10 at Sachin Rly Station at Surat**


- **Employer :- Surat Urban Development Authority, Surat**
- **Year of Completion:- 2014**
- **Project Cost :- 3508.97 Lakh**
- **(1) Foundation: 1200mm & 1000mm Pile Foundation**
- **(2) Substructure: - RCC Pier and Pier Cap**
- **(3) Super Structure:-**
- **Telangpur Side:- 11 Span PSC Pre-Cast Girders:- 19.38m c/c & 07 Span PSC Pre-Cast Girders:- 20.00m c/c**
- **Sachin Side: - 12 Span PSC Pre-Cast Girders:- 20.00m c/c & 03 Span PSC Pre-Cast Girders :- 22.0 mc/c**
- **Service Road: - 02 Span PSC Solid Slab :- 20.00m c/c**
- **(4) Retaining Wall: - 294Mtr on 600mm Pile Foundation**

Work No-12

- **Name of Project :- CONSTRUCTION OF HIGH LEVEL BRIDGE IN KM. 74/200 AT MUNDERI VILLAGE WITH APPROACHES ACROSS RIVER KALI SINDH ON BARAN JHALAWARJHALAWAR ROAD (MEGA HIGHWAY SH1A)**

- **Employer :- Executive Engineer, PWD, Jhalawar (Raj)**
- **Year of Completion :- Work Completed**
- **Tender Cost :-4179.20 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1000mm dia Pile foundation.**
- **(b) Substructure: 30 Span X 21.60 Mtr, T-Beam Girder Type Superstructure**
- **Retaining Wall 530mtr Both and**

Work No-13

- **Name of Project :-Construction of R.O.B. across L.C. No 250 K.M.494/03-04 Ratlam Khandwa Section on Raoji Bazar Lohamandi Road Near Gadi Adda Indore**

- **Employer :- Executive Engineer, PWD, Indore (M.P)**
- **Year of Completion :- Work Completed**
- **Tender Cost :-3278.12 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1000mm dia Pile foundation.**
- **(b) Substructure: 16 Span X 21.60 Mtr, T-Beam Girder Type Superstructure**
- **Retaining Wall 395mtr**

Work No-14

- **Name of Project :- Constructin of Basoda R.O.B. at Railway X-ing no. 288 of Bhopal -Bina section on Basoda- Teonda Road. Distt.-Vidisha**

- **Employer :- Executive Engineer, PWD, Bhopal (M.P)**
- **Year of Completion :- Work Completed**
- **Tender Cost :-3883.11 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1000mm dia Pile foundation.**
- **(b) Substructure: 22 Span X 21.60 Mtr, T-Beam Girder Type Superstructure**
- **Retaining Wall 360.00mtr**

Work No-15

- **Name of Project :-CONSTRUCTION OF HIGH LEVEL BRIDGE ACROSS KSHIPRA RIVER ON ALOT-UNHEL (NAGESHWAR) ROAD KM NO 5/2-8, DISTRICT RATLAM**

- **Employer :- Executive Engineer, PWD, Ratlam (M.P)**
- **Year of Completion :- Work Completed**
- **Tender Cost :- 1289.30 Lacs**
- **Main Features of Project**
- **(a) Foundation: Open foundation.**
- **(b) Substructure: 18 Span X 30 Mtr, PSC Box Type Superstructure**
- **Retaining Wall 170.00mtr**

Work No-16

- **Name of Project :- CONSTRUCTION OF ROB NEAR UDHNA RLY STATION, AT KM 262/2-262/6 AND ST 17-18 BETWEEN STATION UDHNA AND BHESTAN ACROSS SURAT-MUMBAI AND SURATBHUSAVAL RAILWAY LINE NEAR RAILWAY CULVERT NO.437 AT UDHANA, SURAT ON EPC BASIS (DESIGN, ENGINEERING, PROCUREMENT AND CONSTRUCTION)(RAILWAY PORTION AND APPROACH PORTION)**

- **Employer :- Surat Municipal Corporation**
- **Year of Completion :- Work Completed**
- **Tender Cost :- 2886.12 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1000mm Dia Pile foundation.**
- **(b) Substructure: PSC Girder**
- **Superstructure :- Railway Portion Composite Girder with RCC Deck slab as per RDSO Drawings & PSC Viaduct Portion at Approach**

Work No-17

- **Name of Project :- Proposed Construction of approached of ROB in lieu of LC No.200/A, At KM 830/4-5 on Jamnagar - Dwarka BG Line in Jamnagar City on Khambhaliya Road, Jamnagar (Under the Grant of GUDC AND SJMMSVY)**

- **Employer :- Jamnagar Municipal Corporation**
- **Year of Completion :- Work Completed**
- **Tender Cost :- 2729.75 Lacs**
- **Main Features of Project**
- **(a) Foundation: Open foundation.**
- **(b) Substructure: PSC Girder**
- **Superstructure :- 15 Span X 25 Mtr C/C and 8 Span X 12.50 Mtr & 13.50 C/c**

Work No-18

- **Name of Project:- Construction of Flyover connecting Mithapur flyover to Bhikhari Thakur (Yarpur) Flyover via R.Block Juction including approach road, retaining wall, service road,elevated rotary & electrification etc in Patna Town (Approx Length -1270m)**

- **Employer :-Senior Project Engineer, Work Division Patna-1, B.R.P.N.N.Ltd., Patna**
- **Year of Completion :- 2021**
- **Tender Cost :- 164.47 Crore**
- **Main Features of Project**
- **(a) Foundation: 1200mm Dia Pile foundation**
- **(b) Substructure: PSC I Girder 43 Span x 25 Mtr, PSC Box Girder 35 Span x 30 Mtr, 31.35Mtr & 40 Mtr, PSC Voided Slab 1 Span x 33.25 Mtr , RCC Solid Slab 41 Span x 13 Mtr & 16 Mtr, Steel Composite Girder 1 Span x 24 Mtr**
- **Superstructure :- PSC Girder, RCC Solid Slab & Steel Composite Girder**

Work No-19

- **Name of Project :- Construction of Four lane R.O.B with divided carriage way in approaches in lieu of Existing L.C No 173-A near village Ghadkhol in km 1/4 to 2/2 of Ankleshwar Taluka Bharuch District of Gujarat State**

- **Employer :-Executive Engineer Panchayat, R & B Division, Bharuch**
- **Year of Completion :- 2021**
- **Tender Cost :- 6024.55 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1500mm Dia Pile foundation**
- **(b) Substructure: 51 spans of 21.60 mt. C/C R.C.C. T Beam deck slab type**

- **Super Structure :- RCC Slab and RCC T beam girder in controlled cement concrete M:35 grade, RCC Wearing coat & RCC approach slab in Controlled cement concrete M: 30 grade**

Work No-20

- **Name of Project:- Construction of Four Lane ROB in lieu of LC-102/2E,Jahotaon JP-Sikar Railway line, Jaipur**

- **Employer :-Executive Engineer-ROB/RUB-I,JDA, Jaipur**
- **Year of Completion :- Work Completed**
- **Tender Cost :- 5459.69 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1200mm Dia Pile foundation**
- **(b) Substructure: 16 Span x 25 Mtr PSC Girder & 1 Span x 35 Mtr Composite Girder**

- **Superstructure :- PSC Girder & Steel Composite Girder**

Work No-21

Name of Project :- Construction of 02 Nos. of Road over bridge including approaches complete in lieu of L.C. No. 214 at IR Kms. 735/1-2 between Ambliyasan and Dangarwa stations and L.C. No. 220, IR Kms. 743/3-4 between Dangarwa and Jhulasan stations of Palanpur-Ahmedabad section of Ahmedabad Division of Western Railway

- **Employer :-Chief Project Manager, Dedicated Freight Corridor Corporation of India Ltd. Ahmedabad**
- **Year of Completion :- Work Completed**
- **Tender Cost :- 6884.00 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1200mm Dia Pile foundation**
- **(b) Substructure: LC NO.214 of 3 Span x36 (Composite Girders) 17 Span x24 (RCC Girder) & LC NO.220 of 1 Span x36, 1Span x 30 & 1 Span x12 Mtr 13 Span x 20 Mtr (RCC Girder)**
- **(Composite Girders)**
- **Superstructure :- RCC Girder & Steel Composite Girder**

Work No-22

- **Name of Project :- Construction of 4 lane elevated corridor in Dessa Town between km 565.850 to km 569.600 (Length: 3.750km) on NH-27 (Old NH-14) in the State of Gujarat**

- **Employer :- Executive Engineer, NHAI, New Delhi**
- **Year of Completion :- Work Completed**
- **Tender Cost :- 19425.00 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1000mm Dia Pile foundation**
- **(b) Substructure: 105 Span X 30Mtr**
- **Superstructure :- PSC Girder**

Work No-23

- **Name of Project :- Construction of Railway Over Bridge (ROB) on S. P. Ring Road at Ranasan Junction in AUDA Area. (Job No.- 54 / 2017 – 18) (Re Invite)**

- **Employer :- Executive Engineer, AUDA, Ahmedabad**
- **Year of Completion :- 2024**
- **Tender Cost :- 5379.84 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1200mm Dia Pile foundation**
- **(b) Substructure: 2 split Fly Over Bridge Parallel to each other 34 Span X 32 Mtr & 2 Span Composite Girder 36m & 25.20m RDSO**
- **Superstructure :- PSC Girder & Steel Composite Girder**

Work No-24

- **Name of Project :- Construction of Railway Over Bridge Cum Fly Over Bridge AT LC NO.33A on SP Ring Road At Sanathal Circle in AUDA**

- **Employer :- Executive Engineer, AUDA, Ahmedabad**
- **Year of Completion :- 2023**
- **Tender Cost :- 9188.47 Lacs**
- **Main Features of Project**
- **6 Lane ROB cum 4 Lane FOB with 3 Lane Grade Separators**
- **Bopal Side :- 6 Span x 25.30 Mtr T-Beam Girder**
- **Railway Portion :- 1 Span X 19.24 Mtr & 1 Span X 31.24 Mtr Composite Girder**
- **Aslali Side :- 7 Span X 25.30 Mtr T-Beam Girder**
- **Obligatory Span :- 2 Span X 45 Mtr PSC Box**
- **RE Wall :- Bopal Side :- 210 Mtr & Aslali Side :- 229 Mtr**
- **Limb Both Side of Bridge :- 224 Mtr**

Work No-25

- **Name of Project :- Construction of Fly Over Bridge on S. P. Ring Road at Dehgam Junction in AUDA area.**

- **Employer :- Executive Engineer, AUDA, Ahmedabad**
- **Year of Completion :- 2022**
- **Tender Cost :- 6033.66 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1.5m Dia & 1.2m Dia Bored cast in situ Piles for Bridge portion.**
- **(b) Substructure: : 2 split Fly Over Bridge Parallel to each other 4 Span X 40Mtr (Obligated) & 2 Span x 9.50 Mtr & 16 Span x 25 Mtr & 12 Span x 12Mtr**
- **Superstructure :- PSC Girder**

Work No-26

- **Name of Project :- Construction of Fly Over Bridge on Shantipura Junction Along S. P. Ring Road in AUDA area.**

- **Employer :- Executive Engineer, AUDA, Ahmedabad**
- **Year of Completion :- 2023**
- **Tender Cost :- 9376.91 Lacs**
- **Main Features of Project**
- **(a) Foundation: 1.5m Dia & 1.2m Dia Bored cast in situ Piles for Bridge portion.**
- **(b) Substructure: 5 span of 24.25Mtr & 2 span of 45Mtr & 22 span of 24.25 Mtr**
- **Superstructure :- PSC Girder**

Work In Progress
Work No-01

- **Name of Project :- Development to 4/6-lanning of NH-31 (New NH-10) with both sides service roads from km 569.258 to km 581.030 (End of AH-02 on NH-31 near Shivmandir to Sevoke Army Cantonment) in the districts of Darjeeling and Jalpaiguri, West Bengal on EPC Mode (Job No. 010/WB/2021-22/490)" Bid P**

- **Employer :- Ministry of Road Transport & Highways**
- **Year of Completion :- WIP**
- **Tender Cost :- 709.47 Crore**
- **Main Features of Project**
- **(a) Foundation:**
- **(b) Substructure:**
- **Superstructure :- PSC Girder**

Work No-02

- **Name of Project :- Construction of Through Flyover Bridge from Galaxy Cinema Junction to Naroda Patiya Junction, in North Zone of Amdavad City area.**

- **Employer :- Amdavad Municipal Corporation, Amdavad**
- **Year of Completion :- WIP**
- **Tender Cost :- 235.40 Crore**

Span of Bridge	- RCC Solid Slab : 9.0m & 10.0m span, - PSC Solid Slab : 12.5m & 15.0m span , - PSC I girder : 25.0m & 30.0m span, - PSC Voided Slab : @40.0m span at Naroda Patiya Circle
Super structure	Precast Pre-stressed girders with deck slab / PSC Voided Slab / PSC solid slabs /RCC Solid Slab as per span and execution method adopted.
Foundation	Bored cast in situ RCC piles – 1.5m Dia., 1.2m Dia ,1.0m Dia. & 0.75m Dia.

Management Team

Sr. No.	Name	Designation	Education Qualification	Experience in Field	Duration of Service in the Firm
01	M.I.PATEL	Project Manager	CIVIL	24	24
02	R.I.PATEL	Project Engineer	CIVIL	27	27
03	N.I.PATEL	Project Engineer	CIVIL	17	17
04	V.I.PATEL	Administration	B.E	14	14
05	Nishit Patel	Vice Presidents	M.B.A	12	12
06	A.H.PATEL	Survey Engineer	B.E.	5	4
07	M M Kalsariya	Site Engineer	B.E	4	2
08	Deepak Verma	Site Engineer	B.E	2	1
09	A.A.PATEL	Site Engineer	D.C.E	6	5
10	K K PATEL	Electrical Engineer	D.E.E	10	8
11	Jignesh Patel	Site Engineer	D.C.E	6	4
12	Jigar Patel	Mech. Engineer	B.E (Mech)	5	5

Equipment for Bridges & Mass Concrete Work

- Piling and drilling rig machine
- Computerized Batch Mix Concrete plant minimum 60 Cum/Hr & 30 Cum/Hr capacity
- Transit Mixers
- Poklain
- Hydra 20 T
- JCB
- Dumper
- Vibrator (Shutter/Needle,Plate & screed)
- Grader
- Earth Compactor
- Water Tanker
- (i) No. of Casting beds for PSC Girders
- (ii) No of Bottom Shutters for PSC Girders
- (iii) No. of Side Shutters for PSC Girders
- Cranes of minimum capacity 100 T
- Pre stressing Jacks
- Concrete pumps with Boom Placer
- Concrete Pump

Below are some of our prestigious clients

डेडीकेटेड फ्रेट कोरीडोर

National Highways Authority of India

Gujarat State Road Development Corporation Limited

बिहार राज्य पुल निर्माण निगम
BIHAR RAJYA PUL NIRMAN NIGAM LTD, GOVT. OF BIHAR

Vadodara Municipal Seva Sadan

Rajasthan State Road Development Corporation Limited

Surat Municpal Corporation

AUDA
Ahmedabad Urban Development Authority

Madhya Pradesh Public Work Department

ROADS AND BUILDINGS DEPARTMENT
GOVERNMENT OF GUJARAT

रेल विकास निगम लिमिटेड
Rail Vikas Nigam Limited
गुणवत्ता, गति एवं पारदर्शिता
(A Government of India Enterprise)

Public Work Department Madhya Pardesh

ROAD & BUILDING DEPARTMENT, GUJARAT

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Head Office: Bangalore-INDIA
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OUR MAJOR PROJECTS WITH Associate companies

OUR PHILOSOPHY

VISION

- Be the nation's exemplary engineering, construction, and project management organization by achieving extraordinary results for our customers.

MISSION

- To strengthen our position as a market leader in Infrastructure Projects like, development of Medical Infrastructure, Major and Minor Irrigation projects, Roads & Bridges of National and State importance, and Public Health Engineering Projects..
- To create sustainable growth to maximize the benefit of our stakeholders.
- To uphold the highest standards of business ethics and lead the way in fulfilling corporate social responsibilities with a focus on protection of environment.

CORE VALUES

INNOVATION

TRUST

EXCELLENCE

INTEGRITY

CUSTOMER CENTRICITY

Projects Completed – Highrise Buildings

- **Construction of Galaxy Towers**
- The *Galaxy Towers* project is an iconic development featuring **4 basement levels**, a **ground floor**, and **24 upper floors**, culminating in a remarkable height of **105 meters**. This landmark structure stands as a testament to modern engineering excellence, being **India's first high-rise to adopt precast technology** for construction. By pioneering this advanced method, the project sets a new benchmark in **innovative architecture, speed of execution**, and **structural quality**, redefining the standards in the Indian construction industry.

- **Total area: 24,56,786 Sq. ft**

Projects Completed – Highrise Buildings

Construction of Orbit Towers

- The *Orbit Towers* project is a premium high-rise development consisting of **4 basement levels**, a **ground floor**, and **24 upper floors**. Designed with a focus on excellence, the building features **world-class infrastructure** that meets international standards in design, functionality, and sustainability. The project exemplifies modern urban development, delivering superior quality, efficiency, and architectural elegance.
- **Total area : 16,50,219 Sft**

Projects under progress - Highways

Development of Four Laning of Mamallapuram to Mugaiyur section (33.23 KM) of NH 332A in the state of Tamil Nadu on Hybrid Annuity Mode

Value: Rs. 695 Cr.

In Joint Venture with M/s JSR Infra Developers Pvt Ltd.,

Auro Infra share – 49%

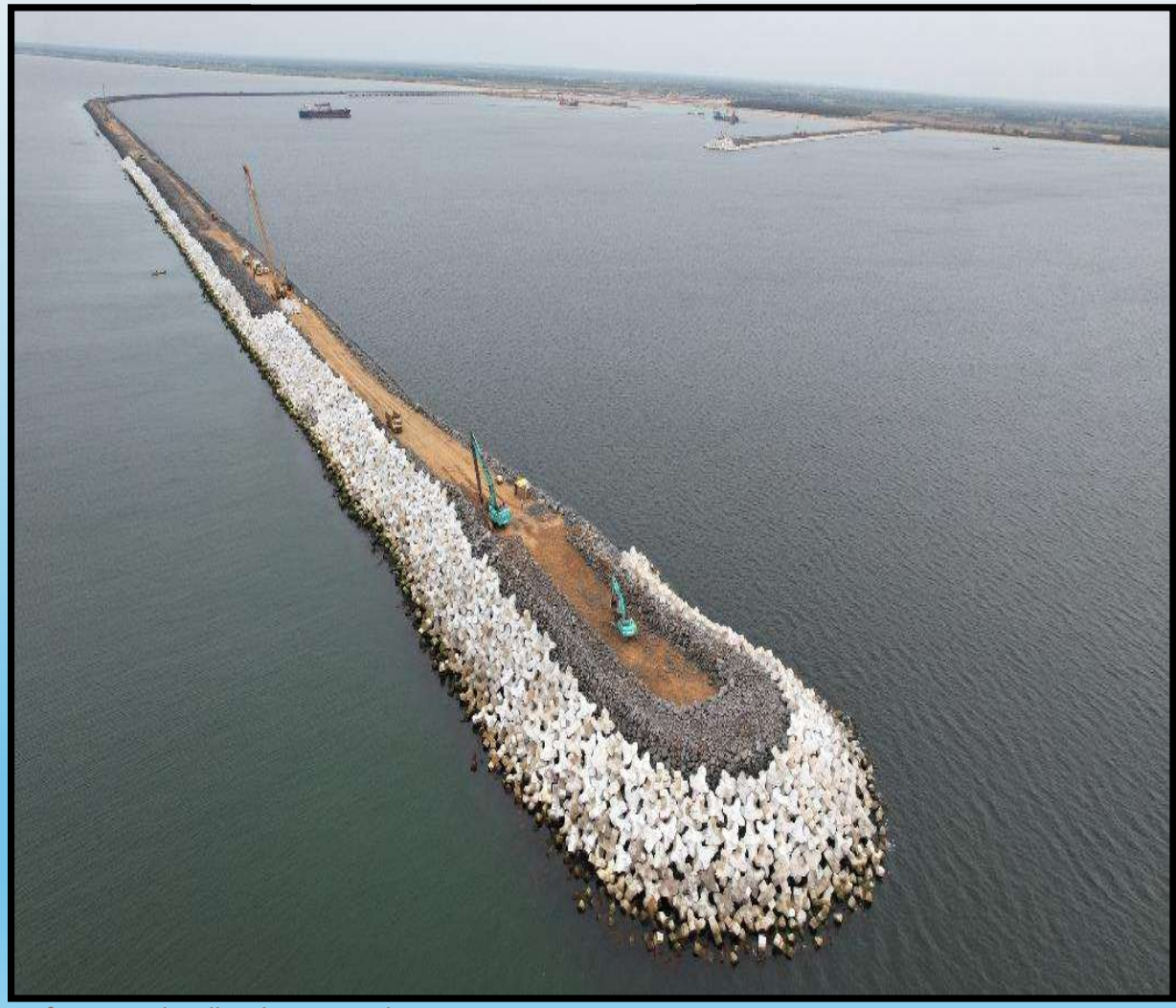
Projects under progress - Ports

Development of Greenfield Port at Ramayapatnam, Andhra Pradesh comprising of major components like Breakwaters, berths, dredging and reclamation, onshore works and bulk handling system, etc.,

Value : Rs. 2634 Cr.

In Joint Venture with M/s Navayuga Engineering Company Limited.

Auro Infra Share – 49%



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Berths

AURO INFRA™

Approach Trestle

Bulk Berth

Convoyage Systems Pvt Ltd

Berths

AURO INFRA™

Multi Purpose Berth

Piling

Projects under own development - Ports

Development of Greenfield Commercial Port (KGPL) at Kona Village, Thondangi Mandal, East Godavari District of Andhra Pradesh.

Value : Rs. 1815.16 Cr.

Progress Photographs

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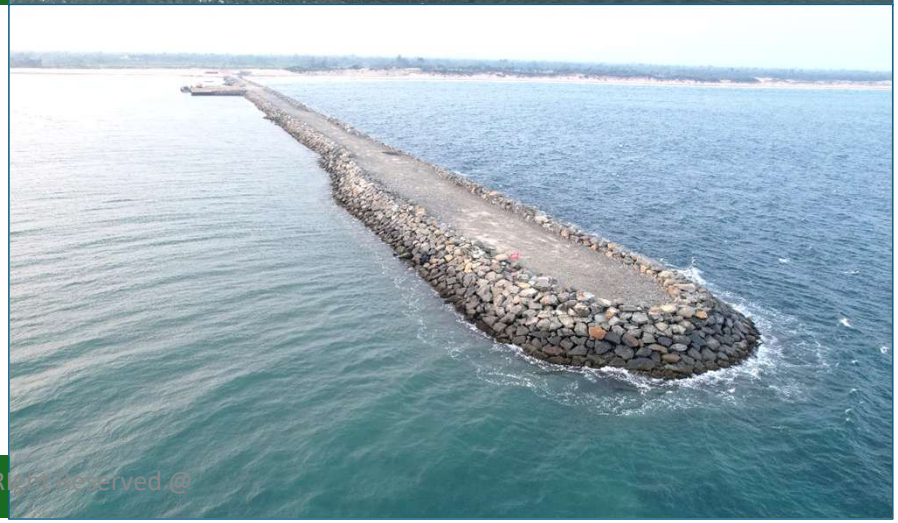
AURO INFRA™

South Breakwater – 2360 Rmt / 2715 Rmt completed (upto +3.6m CD)

North Breakwater – 589 Rmt / 589 Rmt completed (upto +3.6m CD)



Progress Photographs

Xbloc Casting & Stocking – 2424 Nos casted / 19600 nos

Dredger CSD-1 _ Dredging & Reclamation in progress

Projects under Progress - Railway Infrastructure Building

- Major upgradation and Redevelopment of Asansol Railway station on Engineering, Procurement &Construction (EPC) mode.

Value : Rs. 409.53 Cr

Projects under Progress – Transmission and Distribution

Establishing 2x150MVA, 220/66/11KV Sub-station along with supply & laying of 220KV Voltage Class 1200Sqmm & 66kv Voltage Class 1000 Sq mm EHV UG cable with Construction of 66Kv terminal Bay including Erection, Testing & Commissioning of all materials /equipments at Bheemanakuppe Village, Nadaprabhu Kempegowda Layout BDA, Bangalore.

Value : Rs.453.57Cr

Our Visionary Projects

- Institutional Buildings
- Railway Infrastructure
- Tunnels and lift irrigation Schemes
- Urban Infrastructure like Metro station buildings, Airport Buildings
- Health & Medical Infrastructure
- Development of Solar & Renewable energy

Plant & Machinery

Equipment	Nos	Equipment	Nos
Shuttering material	200000 sqm	Tipper	107
Batching Plant	6	Tower Light	26
Cement Silo	18	Trailer	4
Chilling Plant	1	Transit Mixer	18
Concrete Pump	3	Utility Vehicle	20
Crushing Plant	2	Water Tanker	7
Diesel Tanker	4	Weigh Bridge	6
Excavator	34	Cranes	4
Generator	30	Dewatering Pump	3

FINANCIAL DETAILS

Rs. In Crores

Sno	Financial Year	Turnover	Profit After Taxes	Net worth
1	2019-2020	346.11	37.29	633.84
2	2020-2021	532.50	46.26	816.18
3	2021-2022	504.39	50.93	823.45
4	2022-2023	1,092.61	104.15	963.84
5	2023-2024	1,471.27	326.06	1,170.19

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Convoyage
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OUR MAJOR PROJECTS
EARTH WORK & PILLING

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OUR SERVICE & METHODS:

ROTARY PILING:

Because of the requirement of noise free and vibration free piling in Urban areas a new technique has come called rotary piling. This is very expensive but we can save a lot of time and noise from theneighbors. Now a days most modern rotary rigs are available, and these rigs can do piles from 500 mm to 2000mm dia depth up to 60 mtrs. These types of piling are mainly used for industrial purposes where large areas are available for development and time is the main factor.

The capacity of the rigs are classified based on torque it can produce and it various from 7 to 40 and this is designed based on hardness of the rock it can cut. The rock is mainly cut by Rotary method using Tungsten carbide bits or diamond bits. If the rock is too hard then it is cut by using core barrel using Diamond bits and this is very expensive. The production of Rotary rigs has to be a minimum of 100 mts per day to cover the cost and if the production is low, then the cost will increase. Also in transporting and deploying these machines wide approach roads are required as the machine weights from 40 tons to 70 tons and the length of the Kelly bar from 12 mtrs to 15 mtrs. For residential buildings now a days Hydraulically operated rotary rigs are used mounted on lorries and these also give desired result and less expensive when compared to modern rotary rigs.

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DMC PILING:

For executing DMC piles (Direct Mud Circulation piles) method which is approved as per IS 2911 and British Standards under specifications of bored cast in situ piles. The bore holes will be advanced by chisels weighing above 1000kg by circulating bentonite slurry using a 20 HP vertical motor and pump. Because of the impact of chisel the cuttings will be brought out by the bentoniteslurry and the bore holes will be advanced to the founding strata which is about 15 to 20 meter in depth. The founding strata can be rock or dense sand having N value > 50 as per structural design. To prevent the side collapse and caving in, a guide casing of 500 -1500 mm dia and 1 to 1.5M depth will be fixed on the top of the bore hole and this will be withdrawn after concreting is over. Once the bore hole reaches the final depth the chissel will be kept for about 15 minutes to clear out all the cuttings from the bore hole. After this the chissel will be removed from the bore hole and steel cages will be inserted in to the bore as per the structural design and tremmie pipe of 8 inch dia meter will be inserted to the center of the cage. After the insertion of tremmie pipe, the bore will be thoroughly cleared by using bentonite slurry pumped through a 20 HP pump. Once the bore is clear ready mix concrete of required specification will be poured through the funnel fitted on the top of the tremmie pipe and the concrete will be made to overflow from the bore till all the laitance is removed from the bore and good concrete appears on the top. The theoretical volume and actual concrete used will be measured and recorded including details of reinforcement etc. on a bore long which forms the basis of measurement between the contractor and client.

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TESTING FOUNDING STRATA:

The basic method for ascertaining the strata for founding is standard penetration test and if the N-value is more than 100, then it is considered as reasonably good founding strata for piling. CONCRETE:

The concrete mix used for piling is M25,M30,M35 etc. in India and outside the country M40 is the minimum standard for piling and it goes to M80. The strength of the concrete as ascertained by cube test after 3 days, 7days, 21days, 28days, etc. The workability of the concrete is assessed by taking the slump at site it should be from 150 to 180mm.

PILE TEST:

- Initial vertical load test
- Initial lateral load test
- Initial pullout test
- Routine vertical load
- Routine lateral est
- Routine
- Dynamictest (Nondestructive)
- Integrit.

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WELL SINKING SERVICES:

CIRCULAR WELL: This type of well is used most commonly and the main points in its favour are its strength. Simplicity in construction and ease in sinking. It requires only one dredger for sinking and its weight per sq. metre of surface is the highest due to which the sinking effort for this well is also high. The distance of the cutting edge from the dredge hole is uniform all over and the chances of tilting are the minimum for this type of well. The well is generally adopted for piers of single track railway bridges and those of bridges on narrow roads. When the piers are very long the size of circular wells becomes unduly large, which makes them costly and disadvantageous hydraulically also as they cause excessive obstruction to the flow of water. Nine metres is generally considered as the maximum diameter of circular wells.

DOUBLE D WELL: This type of well is most common for the piers and abutments of bridges which are too long to be accommodated on circular well. The shape is simple and it is easy to sink this type of well also. The dimensions of the well are so determined that the length and the width of the dredge holes are almost equal. It is also recommended by some engineers that the overall 6 length of the well should not be more than double the width. The disadvantage of this type of well is that considerable bending moments are caused in the steining due to the difference in the earth pressure from outside and water pressure from inside which result in vertical cracks in the steining particularly in the straight portions where join the partition wall.

DOUBLE OCTAGONAL WELL: These type of wells are free from the shortcoming of double D-well. Blind corners are eliminated and bending stresses in the steining are also reduced considerably. They, however, offer greater resistance against sinking on account of the increased surface area. Masonry in steining is also more difficult than in case of double D wells. 3.4 Rectangular Well These type of foundations are generally adopted for bridge foundations having shallow depths. They can be adopted very conveniently where the bridge is designed for open foundations and a change of well foundations becomes necessary during the course of construction on account of adverse conditions such as excessive in flow of water and silt into the excavation.

TWIN CIRCULAR WELL: This type of foundation consists of two independent circular wells placed very close to each other with a common well cap. It is necessary to sink these wells simultaneously to ensure that the cutting edges are almost at the same level all the time. The wells have a tendency to tilt towards each other during the course of sinking on account of the fact that the sand between them becomes loose and does not offer as much resistance against sinking as on the other sides. If the depth of sinking is small say upto 6 or 7 metres, the clear space between the two wells may be kept 0.6 to 1 m to avoid tilting. For greater depth of sinking spacing of 2 to 3 meters may be necessary. Since it is necessary to sink these wells simultaneously it is obligatory to have two sets of equipment for well sinking and in this respect they do not offer any advantage over double D or double octagonal wells. They are, 7 however, advantageous where the length of the pier is considerable and the sizes of the double D or octagonal wells become unduly large to accommodate the pier. If , however, the soil is weak, the larger size of double D or double octagonal wells may be required to keep the bearing pressure on the soil within limits. Twin circular wells are advantageous only when the depths of sinking is small and the foundation material is soft rock or kankar or some other soil capable of taking fairly high loads. Design of well caps for the twin circular wells also requires special care. Allowance is made for relative settlement of the two wells and this adds to its cost. The possibility of development of cracks in the pier due to relative settlement can not be ruled outinspite of the heavy design of the cap except where the wells are founded on rock or other incompressible soils.

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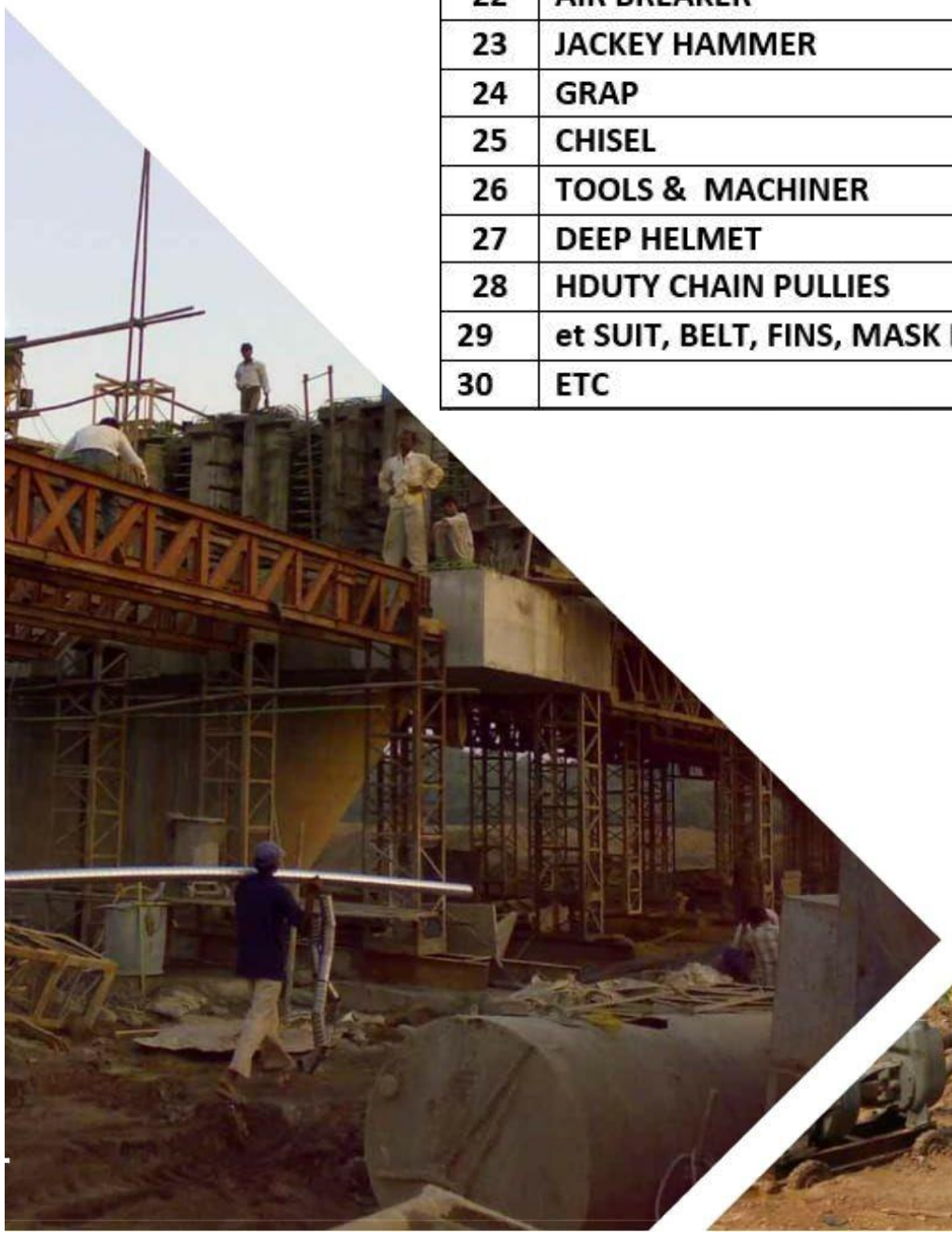
MACHINARY & STAFF

SL NO.	EQUIPMENT NAME	QTY IN NOS.
1	HYDRAULIC RIG - MAIT HR-180	03
2	HYDRAULIC RIG - SUNWARD SA-175	01
3	HYDRAULIC RIG - SUNWARD SA-250	04
5	CRANE – 320 CRAWLER CRANE	07
6	CRANE – 325 CRAWLER CRANE	05
7	D.M.C (WINCH TYPE)	25
8	MIXTURE MACHINE - MANUAL	12
9	MIXTURE MACHINE - AJAX	03
10	TRACTOR WITH HYDRAULIC SYSTEM	08
11	JCB	02
12	HYDRA	02
13	DUMPER	14
14	TRAILER	01
15	DG SET 62KV , 125KV	06
16	CASING PIPE 1200mm & 1000mm	22
17	TREMIE PIPE	300 MTR
18	BENTONITE MIXING TANK	05
19	WELDING GENERATOR	08
20	VERTICAL PUMP	30
21	AIR COMPRESSOR	03
22	AIR BREAKER	06
23	JACKEY HAMMER	12
24	GRAP	22
25	CHISEL	17
26	TOOLS & MACHINER	AS REQUIRED
27	DEEP HELMET	AS REQUIRED
28	HDUTY CHAIN PULLIES	AS REQUIRED
29	et SUIT, BELT, FINS, MASK ETC	AS REQUIRED
30	ETC	



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