

Determined to Deliver



Engineering a Global Legacy

One of the most integrated
infrastructure and construction
services conglomerates in India

Incorporated in 1949 | Headquartered in Mumbai |
A leading player in the civil engineering
construction segment | More than seven decade
track record of constructing dams, bridges,
tunnels, roads, piling works, industrial structures
and other heavy civil engineering works.

Vision

Deliver comprehensive and effective solutions to clients through our profound experience and technological prowess, while continuously creating opportunities and possibilities for employees, stake-holders and society.

Mission

To be an innovation driven organisation, committed to build iconic structures and superstructures while upholding quality consciousness and environmental stewardship.



Message from Chairman



Rupen Patel
Chairman & Managing Director



The future of the Indian economy is looking quite positive as the country rebounds from the Covid-19 pandemic. Infrastructure investment has been an important aspect of this recovery, with government policies and projects aiming to build world-class infrastructure.

In 2021, the Indian Government, the Central Water Commission (CWC) and state representatives signed a 250 million dollar deal with World Bank to improve dam safety across multiple states. The Indian government too has stepped up and is planning to establish 523 GW of clean energy by 2030, considering the estimate that India's energy demand will increase to 15,820 TWh by 2040. As per the National Infrastructure Pipeline 2019-2025, out of the total expected capital expenditure of ₹ 111 trillion, the highest share would go to the energy sector projects. To meet the goals outlined by the Paris Agreement, India needs to invest in infrastructure for cleaner energy sources, such as hydropower and irrigation.

A strong base of infrastructure is important for India's future success, and we, one of the prominent infrastructure development companies across the globe, have been able to figure out new ways to achieve this. We take immense pride in delivering projects with high quality, especially in the construction of hydropower and underground tunnels.

We are taking on projects that have a sustainable ROI. With regular orders and a focus on reducing debt, we will be able to achieve substantial growth in the future while strengthening our financial position. We are the first Lake Tapping Company in Asia, one of few Indian companies with experience in RCC dams, and the first company in India to specialize in micro-tunneling.

Our company is well positioned in an expanding industry thanks to our strong order book. The new orders received should result in higher profitability even as the Company plans to increase its workforce to approximately 10,000. We shall facilitate inclusive growth by awarding new shares of the company under ESOP Plan as a way of rewarding and retaining employees.

We are proud of the performance we have delivered and stay committed to striving for excellence in all aspects of our existence. In this rapidly changing world, we are setting a long-term strategy that will make us more competitive, efficient, and socially responsible in the future.

Not to forget, it is you, the shareholders, who help us be what we are. We thank you for your much-needed support and cooperation in our mission to build a sustainable environment by confronting challenges and embracing the changes.

Yours truly,

A handwritten signature in black ink that reads "Rupen". The signature is fluid and cursive, with a long horizontal stroke at the end.

Rupen Patel
Chairman & Managing Director

Executed **350 projects**

The Company Overview

We focus on sustainability, and are committed to creating value for all our stakeholders including employees, investors, customers and the communities in which we operate.

Our phenomenal track record is adorned with prestigious high margin projects and our portfolio boasts of over 350 projects. With new key projects being added to our portfolio, we are steadily heading towards becoming a well-established infrastructure player.

Our expertise is a product of our experience, technological prowess, and ability to bring to life structures of any scale or complexity. From constructing dams and hydroelectric projects, to tunnels and irrigation projects, to highways and railways. Patel Engineering has a track record of completing complex infrastructures across India.

The Company is listed in the Indian Stock Exchanges (BSE/NSE).

Conquering frontiers

Patel Engineering today stands amongst the top construction companies in the country with an illustrious history, that is seven decades long and counting.

Patel Engineering Limited (PEL) is a contributor in the nation's progress, having constructed projects that make a real difference in the lives of people, whether it is through better infrastructure or improved social and economic conditions.

Our comprehensive range of services covers the entire spectrum of infrastructure development, from engineering and procurement to construction and commissioning.

Engineering & Construction

Hydro Power



Underground Works



Transportation



Urban Infrastructures



Irrigation & Water Supply



Asset Ownership



Roads

Expertise

We are proud to have worked on many avant-garde projects that have set new standards in the construction industry. These signature projects showcase our ability to accept and overcome newer and bigger challenges.

First Underwater Double Lake Tapping
in Asia, Koyna HEP



First Piano Key Weir
Project in India, Sawrakuddu HEP



First Roller Compacted Concrete Dam (RCC) in India, Ghatghar HEP



Unique

in its own way

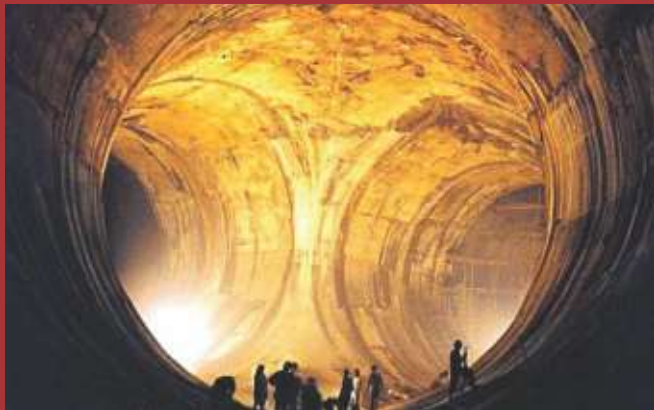
World's highest Bi-Lane Road Tunnel at 13,800 ft. altitude,
Sela Pass Tunnel, Border Road Organisation (BRO)



First Micro-tunneling & HDD technology
in India, MCGM Project



Largest Underground Cavern in Asia,
Srisaillam HEP



Our Team

Patel Engineering is a melting pot where people from varied cultural backgrounds are working together to achieve the common goals of the company. This diversity is not only enriching the talent pool within the company but also contributing to the development of the nation.

We value our human resources as an integral part of our growth and are committed to providing a work environment that is conducive to their success.

The company is OHS certified and is fully compliant with the statutes laid down by the Government. The company engages the employees and their immediate families in various welfare programs thereby strengthening the employer-employee relationship beyond the call of duty.

Over

10000

employees strong



Bringing the world closer

Patel Engineering has an impressive global footprint of more than 350 projects in India, Bhutan, Chile, Greece, Indonesia, Mauritius, Mozambique, Nepal, Qatar, Singapore, Sri Lanka and the United States of America.

Global Presence

- Bhutan
- Chile
- Greece
- India
- Indonesia
- Mauritius
- Mozambique
- Nepal
- Qatar
- Singapore
- Sri Lanka
- USA



National award for maximum utilisation of Fly Ash in Hydro sector in 2005 for Ghatghar HEP, Maharashtra



Awarded best executed Hydro Power Project in 2019 for Lower Solu HEP, Nepal




Post Office Building, Qatar



Tuirial HEP, Mizoram



 Tuirial HEP is the largest Hydroelectric Project in Mizoram

Koyna HEP, Maharashtra



Rampur HEP, Himachal Pradesh



Parallel Lower Ganga Canal (Modernisation), Uttar Pradesh



Karzok-Chumar High Altitude Road, Ladakh UT



Kameng Hydro Electric Project (Bichom Dam)



Landmarks

We are dedicated to completing projects to the highest standards and setting benchmarks for others to follow. We are proud to have several of our projects stand as major landmarks in the field of engineering and construction. Each one of them is a testament to our commitment and desire to scale new heights.

Working on a hydroelectric power project requires a lot of experience and expertise. Dealing with difficult geographical areas, harsh weather and other inhospitable conditions can be challenging, but at PEL, we see these obstacles as opportunities. Our can-do attitude has helped us successfully execute numerous prominent power projects in spite of these hindrances.

PEL Large Hydro Power Projects:

Koyna HEP	1580 MW
Arun 3 HEP	900 MW
Teesta 6 HEP	500 MW
Kiru HEP	624 MW
Kwar HEP	540 MW
Tapovan HEP	520 MW



Subansiri Hydroelectric Project, Arunachal Pradesh

Subansiri HEP is one of the largest hydroelectric power project in India, with the capacity of 2000 MW



Hydro Power Projects

Patel Engineering has extensive experience in the construction of hydroelectric projects across the country, ranging from 3 MW to more than 2000 MW. We have also constructed powerhouses of all types, including underground, surface, and subsurface, as well as associated structures such as intake, gate structures, penstocks, switchyards, and affiliated services and buildings.

Generated more than
12000 MW



Water resources in India are increasingly becoming scarce. Since rainfall occurs only for three months in a few spells, storage by dams is imperative to utilise waters.



Parbati Hydroelectric Project, Himachal Pradesh



Kalma Barrage, Chhattisgarh

Dams

The construction of dams requires excellent engineering skills and the Company has demonstrated its trustworthiness by successfully constructing challenging dams across the country. Our portfolio includes large dam projects such as Tuirial HEP, Parbati HEP, Kameng HEP which contributes to nation's power generation capacity. Ghatghar HEP consists of India's first RCC dam, which is among the top 3 RCC dams in India and the top 40 RCC dams in the world.



Kimi Sub-Surface Power House (Kameng HEP), Arunachal Pradesh



Commissioned
more than **85 Dams**



Sawrakuddu Underground
Power House, Himachal Pradesh



Tapovan HEP-Underground Power House,
Uttarakhand

Power Houses

A power house is where electricity is produced from generators driven by turbines that convert the potential energy of falling or fast-flowing water into mechanical energy. They are classified into three categories; i.e. surface power house, underground power house and sub-surface power house. PEL has successfully completed all three types of power house for hydroelectric projects in India.

Underground

Works

Tunneling requires specialised competencies and we have emerged as one of the most capable engineering companies for executing such projects. We have replaced conventional tunneling methods with state-of-the-art technology and sophisticated equipment and methods like New Austrian Tunneling Method (NATM) & Tunnel Boring Machine (TBM).

Constructed over
280 kms
of tunnels



Kiru Hydroelectric Project, Jammu & Kashmir



Luhri Hydroelectric Project, Himachal Pradesh



Kundah Hydroelectric Project, Tamilnadu

PEL has constructed underground caverns for power houses of Tapovan HE Project, Sawrakuddu HE Project, Ghatghar HE Project, Koyna HE Project, etc. and it is currently executing Arun-3 HE Project, Kiru HE Project, etc.

An underground power station is constructed by excavating major components like machine hall, penstocks, and tail-race from rock, instead of the more common surface-based construction method.

Arun-3 HEP, Nepal

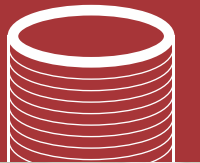


Kameng HEP (Kimi), Arunachal Pradesh



We have executed the construction of various shafts like Pressure Shafts, Surge Shafts, Draft Tubes and Intake Structures. With over seven decades of experience, we have developed expertise in construction of such underground works.

Rampur HEP has one of the largest surge shaft in Asia having 38 m of Dia. with depth of 149.5 m.



Rampur HEP,
Himachal Pradesh

Built over
4000
meters
of shafts in all
shapes and sizes

PEL is constructing Kundah Pumped Storage Hydro Electric Project (500 MW) in the district of Nilgiris in Tamil Nadu. This project is special in the sense that it will not only provide 500 MW of power during operation, but also use surplus energy available during night and holidays, for pumping water to the upper reservoir. This water will subsequently be used for generating more power during the peak hours of the morning and evening.

Transport

In recent years, India's transportation infrastructure has seen unprecedented growth. We are proud to play a role in this inspirational journey by constructing some of the nation's finest road and rail projects.

Our road projects include the 25 km long East-West Corridor in Assam, Sela bi-lane road tunnel at highest altitude of 13,800 ft. from the sea level and high altitude roads like Karzok-Chumar at Indo-Tibetan border. These roads bear national importance as they strengthen the mobility of our Border Security Forces and their armament.

Constructed
more than **1200** kms of
roads



Shimoga Highway, Karnataka



Varanasi-Shaktinagar, Uttar Pradesh



Sela Pass Road Tunnel, Arunachal Pradesh



AS-15, Assam

RVNL-KTR, a 35 km new railway line from Keoti to Dallirajhara-Rowghat section is a project of national importance which will enable the transportation of iron ore from Rowghat to Bhilai Steel Plant and also facilitate a convenient form of locomotion for the locals.

RVNL-KTR Rail Project,
Chhattisgarh



Record breaking progress of
400 meters in lining the main
tunnel with a single lining
gantry from single face at
USBRL-T2



Udampur-Srinagar-Baramullah Rail Link-T2, Jammu & Kashmir



Udampur-Srinagar-Baramullah Rail Link-T15, Jammu & Kashmir

We are constructing 2 important tunnels on USBRL project i.e. T-2 (length 5.08 km) accompanied by a parallel escape tunnel and T-15 (length 13.77 km). We are also executing parallel tunnels of T-14 (length 4 km). USBRL is one of the most challenging railway projects and is crucial for the development of Jammu & Kashmir. This is one of the key packages in USBRL Project to connect Kashmir with rest of India making the journey seamless, hassle free and all weather connectivity.



Jawahar Lift Irrigation Project



Bhima Lift Irrigation Project, Karnataka

Irrigation

Irrigation plays a vital role in agriculture. We have contributed in strengthening India's irrigation network by constructing several canals, reservoirs and lift-irrigation systems.

Our major irrigation projects include:

- Bhima Lift Irrigation Project
- Kalwakurthy Lift Irrigation
- Jawahar Lift Irrigation Project
- Jigaon Lift Irrigation Scheme
- Slemanabad-Bargi Diversion Project
- Parallel Lower Ganga Canal
- Krishna Delta System.
- Gond Open Lined water channel
- Parbati Pipe network Canal System
- Morand & Ganjal dams pressurised Pipe Irrigation Project
- Khalwa Lift Micro Irrigation Project
- Micro Irrigation System in the Command Area of Tumkur Branch Canal TBC Drip

Over

15.5 Lakh acres of land
Irrigated

Irrigation & Water Supply

Sleemanabad project was conceived as one of the most technological advanced projects of its time. The construction of this engineering marvel involved tunneling through tough geological conditions. Two 10 m diameter earth pressure balancing TBMs were deployed to bore 12 km tunnel through a ridge and a 12km long open canal to carry water for irrigation purpose. Each TBM was 100 m in length, weighed 1500 MT and consumed 4 MW of power. The project facility was spread over an area of 415 acres and a 33 Kv substation was established to provide power to the machines. Today the project provides irrigation to 5,00,000 acres of farm lands.

Breakthroughs during project execution;
Speed: An unmatched 653 m within 30 days. Depth: 100 m deep shaft excavated; deepest ever at MCGM AMT-2 Water Supply Project.



Largest Diameter EPBM used for irrigation project at Sleemanabad Canal Project

PVPG Water Supply Project, Maharashtra



AMT-2 Water Supply Project, Maharashtra



Water Supply

MCGM conceptualised Mumbai Water Supply Project Scheme to augment supply of potable water to the city of Mumbai, so that 24/7 water supply can be achieved. We have completed 3 Underground Water Supply Tunnels under this mission.

Presently we are constructing water supply project in Rajasthan & Karnataka as part of the JAL JIVAN MISSION initiated by Government of India. We are equipped with state-of-the-art mechanical capabilities such as 'Micro-tunneling' and 'TBM Tunneling' technology. These have been deployed at various tunnelling projects which has ensured successful execution of challenging projects with comparatively lesser inconvenience caused to the surrounding.

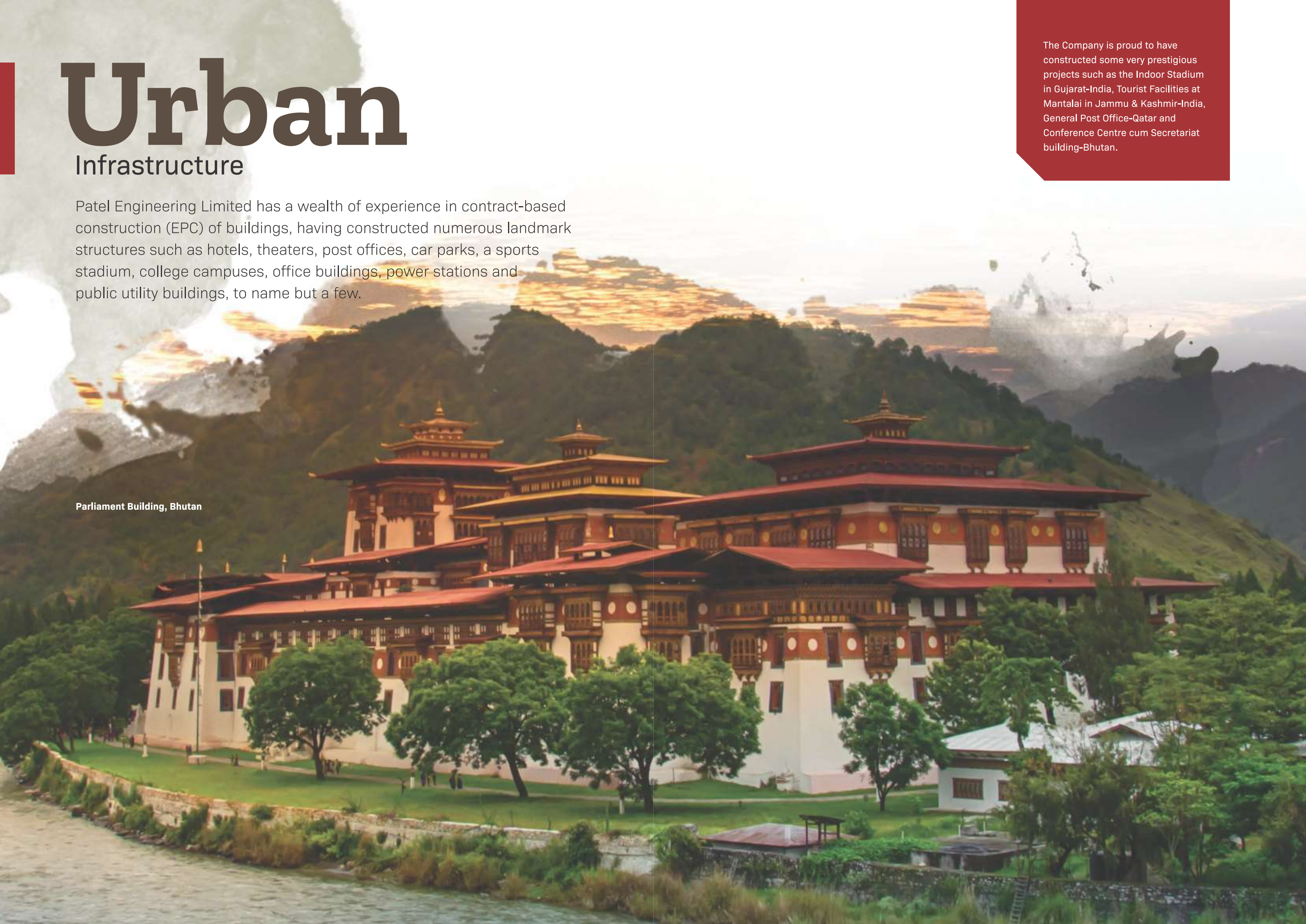
Urban

Infrastructure

Patel Engineering Limited has a wealth of experience in contract-based construction (EPC) of buildings, having constructed numerous landmark structures such as hotels, theaters, post offices, car parks, a sports stadium, college campuses, office buildings, power stations and public utility buildings, to name but a few.

The Company is proud to have constructed some very prestigious projects such as the Indoor Stadium in Gujarat-India, Tourist Facilities at Mantalai in Jammu & Kashmir-India, General Post Office-Qatar and Conference Centre cum Secretariat building-Bhutan.

Parliament Building, Bhutan



Neotown IT Park, Karnataka

We have also constructed Oil Refineries, Foundries and Machine Shops, Chemical plants a range of industrial units requiring several tons of concrete, structural steel fabrication and installation.

We have been recognised by international governments and engineers for constructing a futuristic building in the Arabian Gulf. The structures built by the company are not only symbols of quality and technical precision, but also exquisite examples of beauty and aesthetics.



Mantalai Jammu Tourism Building, Jammu & Kashmir



BYTCO Hospital, Maharashtra



Smondoville, Karnataka



Neotown Residential Complex, Karnataka



Asset

Ownership

Asset ownership by private sector in infrastructure development helps in releasing the pressure on Government treasury. It facilitates introduction of newer technologies, and speedy project execution. Patel Engineering too has its participation in this model of infrastructure development.



NH-07-Toll Plaza, Andhra Pradesh



KNT-01, Karnataka



NH-07, Andhra Pradesh

PEL has executed a massive project on NH-7, which connects Islam Nagar to Kadthal. This is a Build-Operate-Transfer (BOT) project on the North South Corridor.

PEL's Corporate Social Responsibility policy and frame work are based on its intent to participate in the efforts of making the world a better place.



Health Camp for Villagers at Sela Pass Tunnel



Shri. Sharda Bhavan for Women Skill Development, Gujarat

Social

Commitments

Our focus areas include:

- Creating opportunities for women by generating self-employment through free skill development programmes
- Improving healthcare, hygiene & sanitation through activities such as free health checkup camps, blood donation camps and distribution of COVID protection equipment
- Enabling emergency medical assistance through ambulance service to the locals and poor patients and distribution of medicines



Donated Computers in school at Kishtwar, Jammu & Kashmir

- Aiding village/rural Infrastructure development through donation of construction material for reconstruction of housing settlement as part of relief and rehabilitation to the flood affected people
- Improving access to drinking water on continuous basis to all dwellings near project sites by installing water tanks and water coolers at various locations
- Facilitating education through free distribution of books, setting up of computer laboratories, furniture for various Government Tribal Schools





For further queries, please contact

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Scan the respective QR code with your camera enabled smart phone to access the brochure or the company website.

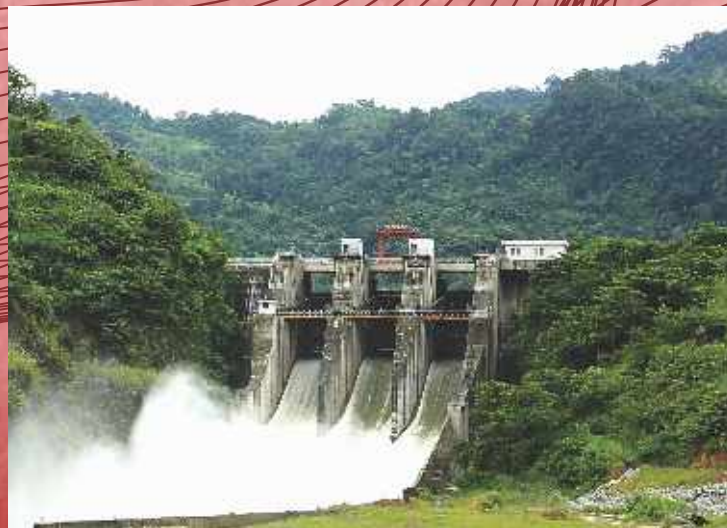
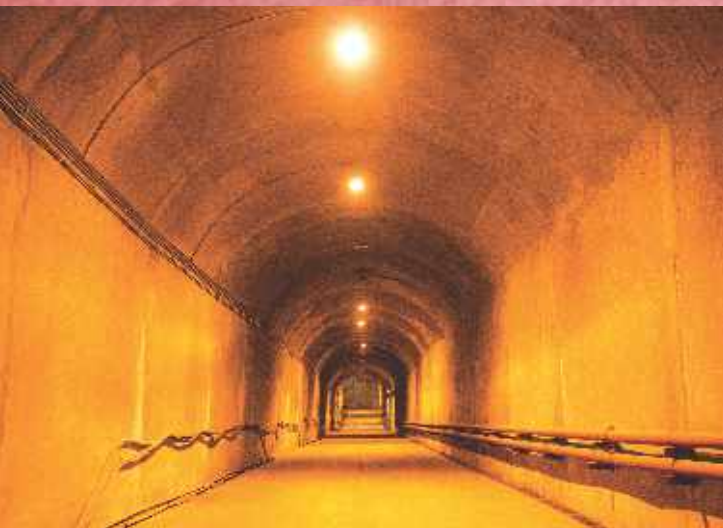


Website



Brochure

Compendium of Works



Power Projects & Underground Works



Project	Client	Country
Canada India Reactor	Atomic Energy of India	India
Vaitarna Project	Mumbai Municipality	India
Periyar Hydro Electric Project	Madras Electricity Board	India
Bhira Tunnel Project	Tata Power Co.	India
Nagarjunasagar Hydro Electric Project	Govt. of Andhra Pradesh	India
Mettur Hydro Electric Project	Madras Electricity Board	India
Kundah Hydro Electric Project	Madras Electricity Board	India
Srisaillam Hydro Electric Project	Govt. of Andhra Pradesh	India
Vihar Tunnel Project	Mumbai Municipality	India
Kodayar Hydro Electric Project	Madras Electricity Board	India
Balimela Hydra Electric Project	Govt. of Orissa	India
Koyna Stage-I Hydro Electric Project	Govt. of Maharashtra	India
Koyna Stage-II & III Hydro Electric Project	Govt. of Maharashtra	India
Vaitarna Hydro Electric Project	Govt. of Maharashtra	India
Yamuna Hydro Electric Project	Govt. of Uttar Pradesh	India
Loktak Hydro Electric Project	NHPC Ltd.	India
Talcher Thermal Power Project	Govt. of Orissa	India
Vaitarna U/G Power House	Govt. of Maharashtra	India
Baira-Siul Hydro Electric Project	NHPC Ltd.	India
Upper Kolab Hydro Electric Project	Govt. of Orissa	India
Bowatenna Tunnel Project	Mahaweli Development Board	Sri Lanka
Chukha Hydro Electric Project	Chukha Project Authority, Bhutan	Bhutan
Devighat Hydro Electric Project	NHPC Ltd.	Nepal
Khaling Hydro Electric Project	Central Water Commission, Govt. of India	Bhutan

Power Projects & Underground Works



Project	Client	Country
Gyesta Hydro Electric Project	Central Water Commission, Govt. of India	Bhutan
Nagarjunasagar Project	Andhra Pradesh Electricity Board	India
Berdewadi Railway Tunnel, Ratnagiri	Konkan Railway Corp. Ltd.	India
Tons Hydro Electric Project	M. P. Electricity Board	India
Koyna Stage IV Hydro Electric Project	Govt. of Maharashtra	India
Srisaillam L. Bank Hydro Electric Project	APGENCO	India
Surat Lignite Power Project	Gujarat Industries Power Company Ltd.	India
Basochhu Hydro Electric Project	Ministry of Trade & Industry	Bhutan
Diversion Tunnel at Cougar Dam	U.S. Army Corps of Engineers	USA
Silver Lake Energy Dissipation	City of Boulder Finance Dept.	USA
Roberts Tunnel	Denver Water Board	USA
El Vado Power Project	Los Alamos County	USA
Strontia Springs Power Plant	Denver Water Board	USA
Mt. Elbert Pumped Storage Hydro Electric Project	US Bureau of Reclamation	USA
Single Line Railway Tunnel No. 1, 4 & 5 for Udhampur-Katra Section	Northern Railway	India
Ghatghar Hydro Electric Project	Govt. of Maharashtra	India
Teesta Hydro Electric Project	NHPC Ltd.	India
Parbati Hydro Electric Project Lot-PB-I	NHPC Ltd.	India
Parbati Hydro Electric Project Lot-PB-III	NHPC Ltd.	India
Sewa Hydro Electric Project Stage-II	NHPC Ltd.	India
Serlui Hydro Electric Project	MECON Ltd.	India
Kameng Hydro Electric Project (Package I, II & III)	NEEPCO	India

Project	Client	Country
Loharinagpala Hydro Electric Project	NTPC Ltd.	India
Rampur Hydro Electric Project (Package I & II)	SJVN Ltd.	India
Tapovan Hydro Electric Project	NTPC Ltd.	India
Veravalli Mumbai Tunnel Project	Municipal Corporation of Gr. Mumbai	India
Cross Maidan Malabar Hill Tunnel Project	Municipal Corporation of Gr. Mumbai	India
Single Line BG Tunnel No. 1 to 7 & 10	Northeast Frontier Railway	India
Koyna Dam Foot Power House Project	Govt. of Maharashtra	India
Priyadarshni Jurala Hydro Electric Project	APGENCO	India
Sawra Kuddu HEP (111 MW), Power House Package	Himachal Pradesh Power Corporation Ltd.	India
Lower Jurala Hydro Electric Scheme (6x40 MW) - Construction of Power House	APGENCO	India
Sawra Kuddu HEP (111 MW), (Barrage & Intake)	Himachal Pradesh Power Corporation Ltd.	India
Kashang H. E. Project (65 MW x 3 Units)	Himachal Pradesh Power Corporation Ltd.	India
450 MW Shongtong-Karcham HEP on EPC mode	Himachal Pradesh Power Corporation Ltd.	India
Ganol H. E. Project (3 x 7.5 MW)	Meghalaya Energy Corporation Limited	India
Parnai H.E. Project (3x12.5 MW)	J&K State Power Development Corporation	India
Balance Civil Works of Koteswar HEP	THDC	India
EPC Contract for 82 MW Lower Solu HEP	Essel-Clean Solu Hydropower Pvt. Ltd.	Nepal

Power Projects & Underground Works

Project	Client	Country
Kundah Pumped Storage HEP (1X125 MW) - PKG 1	TANGEDCO	India
Kundah Pumped Storage HEP (1X125 MW) - PKG 2	TANGEDCO	India
Arun - 3 HEP (900 MW)	SJVN Ltd.	India
KIRU HEP (LOT-01) (4 x 156 MW)	Chenab Valley Power Projects (P) Ltd. (CVPPL)	India
Lot SSL-6: Subansiri Lower HE Project (8 x 250 MW)	NHPC Ltd.	India
EPC Contract Package of Luhri HEP, Stage-I (210 MW)	SJVN Ltd.	India
Teesta-VI HE Project (4 x 125 MW)	Lanco Teesta Hydro Power Ltd.	India
KWAR HEP (LOT-1) (540 MW)	Chenab Valley Power Projects (P) Ltd. (CVPPL)	India

Dams & Associates Works

Project	Client	Country
Jackson Lake Reservoir Dam	Jackson Lake Reservoir & Irrigation Co.	USA
Randleman Lake Dam	Piedmont Triad Regional Water Authority	USA
Gross Dam Works	Denver Board of Water Commissioners	USA
Bluestone Lake Dam Safety Works, Phase I	US Army Corps of Engineers	USA
Motts Run Dam & Appurtenant Works	Country of Spotsylvania Virginia	USA
Washakie Dam Seepage Remediation	Eastern Shoshone & Northern Arapaho Tribes	USA
Impoundage Works for Ralco - Hydroelectric Power Plant	Empresa Nacional de Electricidad	USA
Modifications at Jed Johnson Dam	U.S. Fish & Wildlife Dam Safety Division	USA
Leyden Dam Improvements	City of Arvada	USA
Pickle Jar Dam & Reservoir	Dave Douglass	USA
Hunting Run Dam	Country of Spotsylvania	USA
Monument Lake Dam Renovation	El Paso Country of Water Commissioners	USA
Dillon Reservoir Works	Denver Water Board	USA
Trout Creek Dam	Paul Moltz	USA
Stewart Reservoir	Peter & Suzanne Paddock	USA
Strontia Springs Dam Works	Denver Water Board	USA
Rio Grande Reservoir Works	San Luis Valley Irrigation District	USA
Goose Lake Dam Project	City of Boulder, Purchasing Division	USA
Wesley Seale Dam Spillway	City of Corpus Christi	USA

Dams & Associates Works



Project	Client	Country
Washakie Dam Safety Works	Eastern Shoshone & Northern Arapaho Tribes	USA
Upper Stillwater Pond Dam	Howrey & Associates	USA
Spinney Mountain Reservoir	City of Aurora Utilities Dept.	USA
Pueblo Dam	Bureau of Reclamation	USA
Magic Mountain Dam	Mobile Premix Concrete, Inc.	USA
Climax : Henderson No. 1 Dam	Climax Molybdenum Co.	USA
Climax : Henderson 2000 Dam	Climax Molybdenum Co.	USA
LaJara Lake Dam	Jicarilla Apache Tribe	USA
Buckhorn Reservoir	City of Wilson, NC	USA
Rio Grande Dam	San Luis Valley Irrigation District	USA
McClure Reservoir & Dam Spillway	PNM Water Services	USA
Mona Dam Rehabilitation	Current Creek Irrigation Co.	USA
Climax : Henderson # 1 Dam Reslope	Climax Molybdenum Co.	USA
Climax: Ten Mile Tailing Dam Project	Climax Molybdenum Co.	USA
Green Mountain Dam Spillway	Bureau of Reclamation	USA
Brush Hollow Dam Works	Beaver Park Water, Inc.	USA
Toker River Water Supply Project	Government of Eritrea	North Africa
Antero Dam Works	Denver Board of Water Commissioners	USA
Tie Hack Dam & Reservoir	City of Buffalo	USA
Milton Seaman Spillway Rehabilitation	City of Greeley Water & Sewer	USA
Climax: # 4 Dam Eagle Park Reservoir	Climax Molybdenum Co.	USA
Peterson Dam Rehabilitation	City of Greeley	USA

Project	Client	Country
McClure Reservoir & Spillway Modification	Public Service Co. of New Mexico	USA
Vouga Reservoir Project	Vouga Reservoir Association	USA
Chase Gulch Dam & Reservoir	City of Central	USA
Climax : Henderson Dam Face Reclamation	Cyprus Climax Metals Company	USA
Grizzly Reservoir Dam Improvement	Twin Lakes Reservoir & Canal Co.	USA
Fish Creek Reservoir Expansion	City of Steamboat Springs, Co.	USA
Rocky Gulch Dam	Phelps Dodge Mining Company	USA
Little Rock Dam & Reservoir Restoration Project	Palmdale Water District	USA
Meadowlark Dam Rehabilitation	USDA Foreign Service	USA
Umbarger Dam Modification	US Fish & Wildlife Service	USA
Platanovrissi Dam	Public Power Corp.	Greece
New Elmer Thomas Dam	US Fish & Wildlife	USA
Longton Dam Design Review	Peoples Republic of China, Ttan'e	China
Morris Sheppard Dam	Brazos River Authority	USA
Comanche Dam Reservoir	City of Greeley Water Department	USA
Quail Creek South Dam	Washington County Water Conservancy	USA
Plaza Del Medio Diversion Dam	USA Army Corp. of Engineers	USA
Humphrey's Dam Rehabilitation	Ruth Brown	USA
Stage Coach Dam & Reservoir	Upper Yampa Water Conservancy District	USA
Lower Chase Creek Dam	Phelps Dodge Corp.	USA
Overland Dam Reservoir Rehabilitation	Overland Ditch Company	USA
Roaring Fork Dam Renovation	Twin Lakes Reservoir & Canal Co.	USA

Dams & Associates Works

Project	Client	Country
Buffalo Creek Dam & Reservoir	Western Union Ranch	USA
Grindstone Canyon Dam	Village of Ruidoso	USA
Big Tooth & Lake Moraine Spillway Modification	City of Colorado Springs, Co.	USA
Middle Fork Dam	Exxon Company	USA
Twin Lakes Dam Modification	U.S. Bureau of Reclamation	USA
Clear Creek Reservoir and Spillway Improvements	Pueblo Board of Water Works	USA
Rio Grande Dam Rehabilitation Project	Sen Luis Valley Irrigation District	USA
Bowatenna Dam	Mahaweli Development Board	Sri Lanka
Konar Dam	Damodar Valley Corp.	India
Strengthening of Tansa Dam	Mumbai Municipal Corporation	India
Chukha Dam	Chukha Project Authority	Bhutan
Dam for Shillong Water Supply	Public Works Dept., Govt. of Meghalaya	India
Ghatghar Lower, Upper & Saddle RCC Dam	Govt. of Maharashtra	India
Koshallia Dam	Haryana Irrigation Dept.	India
Suthaliya Irrigation Project : Construction of Suthaliya Gravity Dam on the turnkey basis.	Govt. of Madhya Pradesh Water Resouce Department	India
Morand & Ganjal Dams on turnkey basis	Indira Sagar Project (Canals)	India

Roads, Bridges, Marine Works & Other Structures

Project	Client	Country
650m Bridge on Betwa River	Govt. of Uttar Pradesh	India
Well Sinking at Banaras	Govt. of Uttar Pradesh	India
1200m Bridge at Bhadrachalam	Govt. of Andhra Pradesh	India
Rock Bund at Mumbai	Mumbai Port Trust	India
1000m Jetty for Canada India Reactor	Atomic Energy of India	India
Caissons for Canada India Reactor	Tata Power Co. Atomic Energy of India	India
Fly Ash Dyke	Tata Power Co.	India
Slipways	Mazgaon Dock, Mumbai	India
Impounded Wet Dock	Mazgaon Dock, Mumbai	India
Group E Bridges & Protection Works	South Eastern Railway	India
Phuntsholing Sewerage Project	Royal Govt. of Bhutan	Bhutan
Warangal Engineering College	Osmania University, Andhra Pradesh	India
National Theatre, Hyderabad	Govt. of Andhra Pradesh	India
Wholesale Market Centre	Doha Municipality, Govt. of Qatar	Qatar
Head Regulator for Nagarjunasagar Project	Govt. of Andhra Pradesh	India
Water Supply Works, Mumbai	Mumbai Municipality	India
Multistoreyed Building	Mazgaon Dock, Mumbai	India
Bhandardara Project	Govt. of Maharashtra	India
One M.G.D. Sewage Treatment Plant	Govt. of Maharashtra	India
Six M.G.D. Sewage Treatment Plant	Baroda Municipality	India
Styrene Monomer Plant	Polychem, Mumbai	India
High Tension Insulator Factory	Heavy Engineering Corp.	India
Oil Refineries, Mumbai	Burmah-Shell & Stanvac	India

Roads, Bridges, Marine Works & Other Structures



Project	Client	Country
One Million Tonne Oil Refinery, Barauni	Indian Oil Corporation	India
Coke Bunkers for Gua Iron ore Mines	Indian Iron & Steel Co. Ltd.	India
Rajhara Ore Mines - Bhilai Steel Project	Hindustan Steel Ltd.	India
Durgapur Steel Project - Civil Engineering	Hindustan Steel Ltd.	India
Ranchi Heavy Engineering Project	Heavy Engineering Corp.	India
Centaur Juhu Beach Hotel	Hotel Corp. of India	India
New Headquarters Building	Al Khaleej Insurance Co. Doha, Qatar	Qatar
Doha General Post Office	Govt. of Qatar	Qatar
Conference Centre cum Secretariat Complex	Royal Govt. of Bhutan	Bhutan
Indoor Sports Stadium	Surat Municipal Corp.	India
Hosur Hathipali NH-7 (Km. 33.015 to Km. 48.600)	National Highways Authority of India	India
Nellore - Kaveli NH-5 (Km. 178 to Km. 222)	National Highways Authority of India	India
Surat - Manor NH-8 (Km. 343.000 to Km. 381.000)	National Highways Authority of India	India
Krishnagiri Vaniyambadi NH-46 (Km. 0.00 to Km. 49.00)	National Highways Authority of India	India
CDOT - Pinnacle Rock	Colorado Dept. of Transportation	USA
Crossman Avenue Bridge Replacement	Chaffee County Commissioners	USA
Unit "W" Wastewater Interceptor	City of Thousand Oaks	USA
Berthoud Pass - Phase 4	CDOT	USA
Otero Pump Station Work	City of Colorado Springs, Utilities Dept.	USA
Grizzly Outlet Works	Twin Lakes Reservoir & Canal Company	USA

Project	Client	Country
Handerson East Branch Pipeline Works	Climax Molybdenum Co.	USA
Big Thompson Siphon Slope Stabilization	Northern Colorado Water Conservancy	USA
Handerson Decant Extension	Climax Molybdenum Co.	USA
Clear Creek Canyon	CDOT	USA
Twin Lake Bridge Replacement	Twin Lakes Reservoir Company	USA
Berthoud Falls - West	CDOT	USA
Urad Clear Water Pump Station	Climax Molybdenum Co.	USA
Arroyo De Las Callabacillas	AMAFCA	USA
Handerson Dam # 1 Seep Works	Climax Molybdenum Co.	USA
Green Mountain Access Road	Bureau of Reclamation	USA
Bear Paw Gulch Pipe Works	Climax Molybdenum Co.	USA
Homestake Outlet Structures	City of Colorado Springs	USA
Handerson Water Treatment	Climax Molybdenum Co.	USA
URAD Bypass Pipeline	Cyprus Climax Metal Company	USA
CDOT - Leadville Bridges	Colorado Dept. of Transportation	USA
McNulty Lime Station	Cyprus Climax Metal Company	USA
McCullough Water Treatment	City of Colorado Springs	USA
Fisherman's Bridge	Chaffee County Commissioners	USA
Rio Ariba County Bridge Replacement	New Mexico Dept. of Highways	USA
Arkansas & Colorado Canal Bridges	Pueblo County Eng.	USA
Airport Runway Extension	Gunnison County Co.	USA
Chama Waste Water Treatment	Village of Chama	USA
Telluride Airport	Howard Air Service	USA
Buena Vista Airport FBO	Buena Vista Aviation	USA
Buena Vista Airport Runway	Town of Buena Vista	USA

Roads, Bridges, Marine Works & Other Structures



Project	Client	Country
Snake River Waste Water Treatment Plant	Submit County Co.	USA
Polavaram Project (Right Main Canal)	I & CAD (Andhra Pradesh)	India
SRSP Flood Flow Canal Project on Turnkey Basis	I & CAD (Andhra Pradesh)	India
Kalwakurty Lift Irrigation Project on EPC	I & CAD (Andhra Pradesh)	India
Bhima Lift Irrigation Project on EPC	I & CAD (Andhra Pradesh)	India
Indira Sagar Project	I & CAD (Andhra Pradesh)	India
Vamsadhara Project Phase-II	WRD, Govt. of Andhra Pradesh	India
Jawahar Lift Irrigation Project (Stage I & II)	I & CAD (Andhra Pradesh)	India
Four laning of NH-37, Nagaon to Dharmatala & Nagaon Bypass	NHAI	India
Lumding to Lanka Bypass NH-54, Assam	NHAI	India
Four laning NH-7 from Madurai to Kanyakumari in Tamilnadu (km. 160 to Km. 203) & (Km. 0 to Km 42)	NHAI	India
North South Corridor, NHDP-(Phase II), Karnataka Border to Avathi Village NH-7 (Km, 463.6 to Km 524) on BOT Basis	NHAI	India
North South Corridor, NHDP (Islam Nagar to Kadthal) NH-7 on BOT Basis	NHAI	India
Four laning NH-7 from Madurai to Kanyakumari in Tamilnadu (Km. 203 to Km. 234.690)	NHAI	India
Jigaon Lift Irrigatin Scheme, Group No.6 (L.I.S. No. 8 & 9)	VIDC	India
Construction of tunnels from Powai to Veravali and Powai to Ghatkopar HLR & LLR, shafts and allied work” – Contract - PVPG	Municipal Corporatin of Brihan Mumbai	India

Project	Client	Country
Construction of Kalma Barrage	Water Resources Division Raigarh (C.G.)	India
Restoration of Saran Main Canal	Saran Canal Division, Gopalganj	India
Parallel Lower Ganga Canal (Pkg. 05)	Irrigation Works Circle, Aligarh (IWCA)	India
Parallel Lower Ganga Canal (Pkg. 06)	Irrigation Works Circle, Aligarh (IWCA)	India
Sauni Yojna - Phase: II, Link - 4, Package - 4	Rajkot Irrigation Project Division	India
Construction of Tunnel from Amar Mahal to Trombay - AMT-II	Municipal Corporation of Greater Mumbai	India
Construction of Gond Major Project on turnkey basis	Water Resource Department Govt. of Madhya Pradesh	India
Parbati Pipe Network Canal System	Govt. of Madhya Pradesh Water Resource Department	India
Khalwa Micro Lift Irrigation Scheme on turnkey basis	Indira Sagar Project (canals)	India
Micro Irrigation System under Tumkur Branch Canal (BOMT) on Turnkey basis TBC-Drip-Package - I.	Visvesvaraya Jala Nigam Ltd.	India
Execution of the work of Hindoli - Nainwa Water Supply Project	Public Health Engineering Department Region, Kota (Rajasthan)	India
Mokhabardi Lift Irrigation Scheme	Govt. of Maharashtra, WRD, Ambhora Lift Irrigation Division	India
Construction of High Altitude Roads along Indo-China border in the state of Jammu & Kashmir - Karzok to Chumar - Package - I	National Projects Construction Corporation Limited	India

Roads, Bridges, Marine Works & Other Structures



Project	Client	Country
Construction of High Altitude Roads along Indo-China border in the state of Jammu & Kashmir - Phobrang - Chartse - Point 4433 - Package - II	National Projects Construction Corporation Limited	India
Desilting of River from Mhatre Bridge to Sangam Bridge and removing slush/ mud from Mutha River under JNNURM River Development Project	Pune Municipal Corporation	India
Renovation & Rehabilitatin of Storm Water Drains (SWD) - T3	Municipal Corporation of Greater Mumbai, (SWD)	India
Upgradation of Road from tinthini (Km 0+000) to Kalmala (Km 73+800) of SH-61, SH-15	Govt. of Karnataka Karnataka State Highways Improvement Project	India
Access Road Tunnel of Mangdechhu HEP	Mangdechhu Hydroelectric Project Authority	Nepal
NF Railway Tunnel No. T-20, 21 & 22	Northeast Frontier Railway	India
Nashik Hospital Building	Nashik Municipal Corporation	India
MCGM - SWD T4	Municipal Corporation of Greater Mumbai	India
MCGM - SWD T5	Municipal Corporation of Greater Mumbai	India
Construction of Submarine Section Assembly Workshop at Alcock Yard	Mazagon Doc Limited	India
Sangrur-Patiala Road Project	MORTH	India
Upgradation of the Road from Shimoga - Shikaripura - Anandapuram part of SH-1 and SH-57	KSHIP	India
Strengthening & widening of existing road to two lane road with paved shoulder from Km 40.00 to Km 64.00 in the state of Bihar.	RCD Bihar	India

Project	Client	Country
Tunnel T-2 on Katra - Banihal Section of Udhampur - Srinagar - Baramulla New BG Railway Line Project (Package T- 2)	IRCON International Limited	India
Tunnel T-15, Part Tunnel T-14 including Bridge No 61 on Katra Banihal Section of Udhampur - Srinagar - Baramulla New BG Railway Line Project (Package T-15)	IRCON International Limited	India
Execution of Keoti - Taroki section in connection with Dallirajhara - Rowghat New BG Rail Line Project	RVNL	India
Construction of Permanent Integrated Coy Level Building at BOP Near Pangong Lake	NPCC	India
Motihari Road Project NH 28B	RCD Bihar	India
Rehabilitation And Up-Gradation of road Pimpla JunctionTo Manjarsumbha	MORTH	India
Integrated Development of Tourist Facilities at Mantalai, J&K	NPCC	India
Upgradation of Omerga to Ausa of NH- 548 B on EPC mode	Government of Maharashtra, Public Works Department.	India
Sela Bypass Road Tunnel	Border Road Organisation (BRO)	India
EPC of Intake Pump House, Sedimentation Tank and Raw Water Reservoir at Ganga River for Hurl, Barauni Fertilizer Plant	WAPCOS Limited	India
EPC for Improvement of Road from (Section of SH 51 Washim to Pusad Shivaji Chowk) in District Washim & Yavatmal, Maharashtra (EPC-5).	PWD, Pusad	India

Roads, Bridges, Marine Works & Other Structures

Project	Client	Country
Construction of tunnel T-7 on Sivok to Rangpo New Single line BG Railway Line Project	IRCON International Limited	India
Construction of Road Bed, Major Bridges, Minor Bridges, ROB's & RUBs including Road Approaches, construction of Road and all allied works & other Works related to Construction of New BG Line from Km.78 (Excluding Yavatmal Station) to Km.110 of Central Railway In Maharashtra State, India.	RVNL	India
Gwalior - Sheopurkalan Earthwork in Embankment and Cutting including Blanketting, Construction of Minor Bridges, LHS/Subways, Side Drains, Retaining/Toe Walls and other Ancillary Works/Services Works between Sumaoli (Exclu.) - Sabalgarh (incl.) and dismantling of existing NG Track between Banmoregaon to Sabalgarh.	North Central Railway	India
Ramban to Banihal Road Project in the Union Territory of Jammu & Kashmir on EPC Mode: Package - II Road Tunnel	National Highways Authority of India (Ministry of Road Transport & Highways)	India

Microtunneling Projects

Project	Client	Country
Twin Oaks Valley Road Sewer Main Relocation	Vallecitos Water District	USA
Clear Water Revival	Central Contra Costa San. Dist.	USA
South Orinda Sewer Improvements	Dublin/San Ramon Services Dist.	USA
12th Street Pipeline Project	City of San Jose	USA
Utoy Creek Combined Sewer Separation, Part 5	City of Atlanta	USA
Jordan River Crossing	Kearns Improvement District	USA
Utoy Creek Combined Sewer Separation, Part 4C	City of Atlanta	USA
Utoy Creek Combined Sewer Separation, Part 4B	City of Atlanta	USA
Northeast Interceptor Sewer	Lake County Dept. of Public Works	USA
West Lift Station and Lake San Marcos Crossing	Vallecitos Water District	USA
Mapleton Sewer Collection System	City of Mapleton	USA
FAA NAVAIDS Cabling, Airfield Lighting Control System & Airport Beacon	Metropolitan Washington Airport Authority	USA
Desert Inn Road Relocation	Clark County Dept. of Public Works	USA
Lincoln Way Sanitary Sewer Relief Line	City of Ames	USA
The New Saint James Avenue Interceptor	Boston Water & Sewer Commission	USA
30" & 40" OD Pipeline Relocation at 1-75 Windy Hill Reliever	Colonial Pipeline Company	USA
Southwest Sewer Interceptor and Main	City of Amarillo	USA
East Renton Sewer Interceptor	City of Renton	USA
VF Factory Sewer Outfall	Salt Lake Sewerage Improvement Dist. # 1	USA

Microtunneling Projects

Project	Client	Country
Rose Canyon Trunk Sewer	City of San Diego	USA
Aircraft Fuel Storage and Dispensing Facility	Port of San Diego, Unified Port Dist.	USA
Wethersfield Cove CSO Abatement Program	The Metropolitan District	USA
Royal Kunia Off-Site Sewer	Kunia Residential Partners	USA
Morrow Hills 24" Waterline	City of Oceanside	USA
Day Creek Flood Control Channel	Riverside County Flood Control Dist.	USA
Everglades Park Drive Sanitary Sewer	Union Sanitary District	USA
Kearny Mesa Interceptor Sewer	City of San Diego	USA
South Ramp Air Cargo Hydrant Fuel System	Lockheed Fueling Systems	USA
Microtunneling & Pipe Jacking for Water Supply & Sewerage System	Municipal Corporation of Greater Mumbai	India
GRP Liners by Trenchless Technology (Part - I & II)	MCGM	India
Baie Du Tombeau Sewerage Project	WWMA, Mauritius	Maurtius
1000 mm. dia. Pipe Sewer by Microtunneling from W. E. Highway upto Sunder Nagar Kalina	MCGM	India
Installation of Pipe Lines in Various Locations in Mumbai by Microtunneling Method	MCGM	India

Global Presence



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Andhra Pradesh	Bhutan	Chile	Eritrea
Arunachal Pradesh	China	USA	Greece
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Gujarat	Sri Lanka		
Himachal Pradesh			
Jammu & Kashmir			
Karnataka			
Madhya Pradesh			
Maharashtra			
Manipur			
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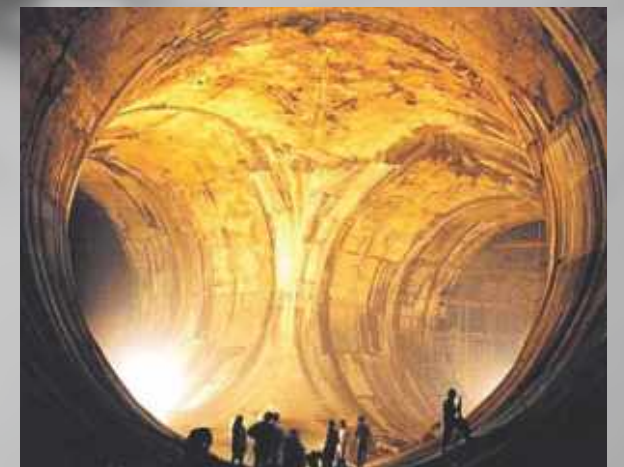
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