COMPANY PROFILE

Contact Details :

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Ph.: +91-11-41090361, Fax: +91-11-41090359
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Medhaj Techno Concept Pvt. Ltd. was incorporated in 2007 with the purpose of strengthening the Power Sector Infrastructure in India. In a very short span of time Medhaj has received several recognitions and accolades for contribution in the sector of Power and Infrastructure. The company began with 3 employees in a 800 sq. ft. office. Today we have grown to 1000+ employees with a 10,000 sq.ft. Head office in Lucknow and Regional offices in New Delhi, Patna and Ranchi. This growth has been possible through our well-recognized market presence with a strong portfolio, streamlined and efficient capabilities, high quality service standards and cost effectiveness. We have excelled ourselves with a commitment to quality, performance, and vitally important, “The Client Satisfaction”.

We are working towards consolidating ourselves on a very strong platform to contribute significantly in the revolution of Infrastructure development being envisaged in the country. We are a company with zeal and a mission for excellence. To embark on a journey of success one needs the tools of preparedness, foresight and strategy. These lead to the path of growth and high quality operation. Our aim is to work at National level with diversification in other infrastructure sectors and to be amongst the BIG 8 consulting firm by 2022. With a global vision and dedication to serve the needs of every client, we are “Shaping a better tomorrow”.

I take this opportunity to thank our clients, shareholders and collaborators for the faith and support you have invested in our company and we hope to continue to exceed your expectations and affirm your trust in us.

(Samir Tripathi)
Chairman cum Managing Director
Medhaj Techno Concept Pvt. Ltd.
Medhaj Techno Concept Pvt. Ltd., AN ISO 9001:2015; 14001:2015 & 27001:2013 Company incorporated in 2007 is one of the fastest growing infrastructure consultancy firms in India. Medhaj brings together professionals from diverse disciplines with complementary skills. We offer a wide range of consultancy services, particularly in the areas of pre-project advisory, design engineering, smart grid, project management, third party quality inspection, construction supervision, energy efficiency, policy & regulatory advisory and public private partnership.

**Breadth & Depth:**
Medhaj has a pan India presence with offices and team in more than 27+ states in India for its 75+ clients. Medhaj is the leading consultant in Smart Grid and other high-end IT enablement projects in infrastructure sector.

**Our Facilities:**
Having established itself as top player in power distribution and working towards the same goal for other areas, Medhaj has started building its capability in IT and BPO. Medhaj has its corporate office in Lucknow, with an area of 15,000 sq. ft. and seating capacity of 300+ people. Medhaj has a regional delivery centre in Delhi with a seating capacity of 100 people.

With 2000+ professionals on payroll, Medhaj can readily mobilize the right people, alliance and tools to deliver cutting edge solutions. Medhaj is known in marketplace as one of the best employers for Women employees.

Medhaj is the only private consulting company in India working on live Smart Grid Project in Assam as Project Management Consultant & in Odisha for DPR Preparation for Smart Grid Implementation in Ranchi & Rourkela City (Smart City).

Medhaj Techno Concept Pvt. Ltd. is registered under Single Point Registration Scheme (SPRS) of National Small Industries Corporation Limited (NSIC).
Medhaj has a pan India presence with offices and team in more than 27+ States/UT’s in India for its 75+ clients.

- Lucknow
  - 250 employees
  - Total 1000+ employees in the state of Uttar Pradesh

- New Delhi
  - 26 employees

- Patna
  - 50 employees
  - Total 500+ employees in the state of Bihar

- Site offices
  - Total 400+ employees in other states
    - Uttar Pradesh
    - Madhya Pradesh
    - Rajasthan
    - Jharkhand
    - Punjab
    - Gujarat
    - Haryana
    - Uttarakhand
    - Bihar
    - Maharashtra
    - NE – Assam & Sikkim
OUR SERVICES

Pre-Project Advisory
• Survey and Site investigation
• Environmental and Socio-Economic Impact Assessment
• Detailed Feasibility Report (DFR)

Design Engineering
• Geotechnical studies, GIS mapping and survey
• Preparation of detailed engineering design and drawings
• Detailed Project Report (DPR)

Project Management
• Project planning, scheduling and control
• Budgeting and cost control
• Contract administration

Construction Supervision
• Vendor drawing review
• Engineering Procurement and Material Management
• Performance testing and operation optimization

Third Party Independent Quality Inspection
• Appraisal of vendors
• Interim quality inspection
• Final quality inspection

Energy Efficiency
• AT&C loss reduction study
• Energy Accounting and Auditing
• Technical Evaluations of energy saving equipment

Policy and Regulatory advisory
• Determination of Aggregate Revenue Requirement
• Determination of Tariff & assistance in issuance on behalf of SERC’s
• Assistance in framing policy and regulations

Public Private Partnership
• Project structuring and bankability
• Preparation of RFQ and RFP documents
• Bid evaluation and selection of bidder

Skill Development
• Power Sector Skill
• IT & ITes Sector Skill
• Management Sector Skill—Are you Industry Ready?
**MEDHAJ SPORTS CLUB:** Medhaj Sports Club has been founded by Medhaj Techno Concepts Pvt. Ltd., and affiliated to the Cricket Association Lucknow. The purpose of the club is to make the best platform for genuine, hardworking and deserving sportspersons not only nationally but also on a global level, and to promote and enhance the sporting culture in India. We have players from all over India, and from different social backgrounds, because our motto is to make sure that opportunities reach each and every one who is deserving. The focus of the club is to pick out the most deserving talent and train them to excel at the sport and do the country proud, by hosting tournaments and enhancing healthy competition in the sports arena.
EMPANELMENT

• EXIM BANK, MUMBAI
  • DPR preparation & evaluation:
    1. Irrigation
    2. Power Generation, Transmission & Distribution
    3. Renewable
  • Project Management Consultancy in
    1. Power Transmission & Distribution
    2. Software Services Categories.

• PFC CONSULTING LIMITED, NEW DELHI
  • Thermal & Hydro Power Projects
  • New and Renewable Energy
  • Power Transmission & Power Distribution
  • Website/Software Design and Maintenance
  • PPP Projects

• REC POWER TRANSMISSION PROJECTS COMPANY LIMITED
  • Transmission line
  • Sub-Station
  • Quality Assurance

• MINISTRY OF ROAD TRANSPORT AND HIGHWAY, NEW DELHI
  • Category I(A): II : VI(B) & VII

• GOVERNMENT OF MIZORAM
  • Project Development & Construction works
  • Preparation of Detailed Project Report
  • Information Communication Technology including Software Development

• JABALPUR SMART CITY LIMITED
  • Preparation of DPR & Comprehensive Architectural Designing
  • Bid Process Management
  • PMC / SQC work for various infrastructure Projects.

• UTTAR PRADESH ELECTRONICS CORPORATION LIMITED, LUCKNOW
  • As Service Providers for Software Developers & IT Enabled Services.

• UTTAR PRADESH DEVELOPMENT SYSTEM CORPORATION LIMITED
  • As Consultant Company
  • As Service Provider

• UTTARAKHAND RENEWABLE ENERGY DEVELOPMENT AGENCY
  • Preparation of DPR & DFR for Hydro Projects

• MP POLICE HOUSING & INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED
  • Architectural Consultancy
KEY CLIENTS

CENTRAL GOVERNMENT MINISTRIES AND AGENCIES
• Ministry of Power, New Delhi
• Ministry of New & Renewable Energy, New Delhi
• PFC Consulting Ltd, New Delhi
• Power Grid Corporation of India Limited
• REC Power Distribution Company Limited, New Delhi
• Northern Central Railway, Allahabad
• Rural Electrification Corporation

STATE/UT LEVEL UTILITIES
• Dakshinanchal Vidyut Vitran Nigam Limited (DVVNL)
• Madhyanchal Vidyut Vitran Nigam Limited (MVVNL)
• Paschimanchal Vidyut Vitran Nigam Limited (PVVNL)
• Purvanchal Vidyut Vitran Nigam Limited (PuVVNL)
• Punjab State Power Corporation Limited
• Assam Power Distribution Company Limited (APDCL)
• Tripura Electricity Regulatory Commission (TERC)
• Maharashtra State Electricity Distribution Company Limited
• Jharkhand Bijli Vidyut Vitran Nigam Limited
• Jharkhand Urja Sancharan Nigam Limited, RANCHI (JUSNL)
• Uttar Pradesh State Highway Authority
• Uttarakhand Power Corporation Limited
• North Bihar Power Distribution Company Limited
• South Bihar Power Distribution Company Limited
• Ladakh Renewable Energy Development Agency (LREDA)
• Electricity Department Daman and Diu
• Electricity Department Dadra and Nagar Haveli
• Electricity Department of Manipur
• Gujarat Electricity Regulatory Commission, Ahmedabad
• Bihar State Education Infrastructure Development Corporation
• Madhya Pradesh Madhya Kshetra Vidyut Vitran Company Limited (MPMKVCL)

DONOR FUNDING AGENCY
• The World Bank
• United Nations Development Program (UNDP)
• Asian Development Bank (ADB)

PUBLIC SECTOR UNDERTAKINGS
• WAPCOS Ltd., New Delhi
• Power Grid Corporation of India Limited
• Biecco Lawrie Limited, Kolkata
• Damodar Valley Corporation
• Instrumentation Limited, Kota
• Railway Energy Management Company Limited
• National Projects Construction Corporation
KEY ASSIGNMENTS

CENTRAL GOVERNMENT MINISTRIES AND AGENCIES

MINISTRY OF POWER, GOVT. OF INDIA
Preparation of DPR and periodic monitoring of supply of electricity to rural areas under RGGVY in Chhattisgarh, for UNDP, Access to Energy
**Scope of Work:** To assist MoP to prepare a DPR to review supply of electricity to Gadadih, Durg district by integrating relevant components of the Part A of R-APDRP pertaining to energy audit/accounting.

National Quality Monitoring for quality inspection of RGGVY XI plan
**Scope of Work:** National Quality Monitors for quality inspection of “Rajeev Gandhi Gramin Vidyutikaran Yojana (RGGVY)” XI Plan projects under Tier – III Quality control Mechanism in the states of Himachal Pradesh, Chhattisgarh, Gujarat and Madhya Pradesh

POWER GRID CORPORATION OF INDIA LIMITED, NEW DELHI (PGCIL)
Implementation of Field Quality Plan for 400 kV D/C Mundra-Bhuj Transmission Line
**Scope of Work:** Supervision services for checking implementation of POWERGRID filed quality plan for tower foundation, tower erection work including activity like earthing, stringing work and final checking of line after completion including activity of final testing of transmission line.

Implementation of Field Quality Plan for 400kV/765kV Transmission Lines in Northern Region-1 (Package-III: 765kV D/C Bikaner-Bhadla and 400kV D/C Bhadla-Bhadla Transmission Line)
**Scope of Work:** Supervision services for checking implementation of POWERGRID filed quality plan for tower foundation, tower erection work including activity like earthing, stringing work and final checking of line after completion including activity of final testing of transmission line.

Measuring the clearance of power line crossings (66kV & above) for transmission lines under PGCIL-Dadri, PGCIL-Bareilly, PGCIL-Agra, PGCIL-Meerut & PGCIL-Bhinmal, PGCIL-J&K groups.
**Scope of Work:** Scope of work covered under this includes measuring the clearance of power line crossings (66KV and above) form POWERGRID Transmission line under PGCIL. The clearance measuring equipment. Should be calibrated and no error in measuring shall be found in equipment.

POWER FINANCE CORPORATION, NEW DELHI (PFC)
Consultancy Services for Study on assessment of component with AT&C losses for Tamil Nadu, Uttar Pradesh, Rajasthan
**Scope of Work:** Collection of data from the DISCOMs pertaining to Regulatory Information Management System (RIMS) submitted to the State Electricity Regulatory Commissions (SERCs), identification of the specific components of AT&C losses and calculation of the overall AT&C losses.

POWER FINANCE CORPORATION CONSULTING LTD, NEW DELHI (PFCCL)
Survey and Preparation of Report for “System Strengthening Common for WR and WR & NR”
**Scope of Work:** Preparing Report for System Strengthening for using modern survey techniques which includes identification of route alignment, digital terrain modeling, walk over survey etc.
KEY ASSIGNMENTS

Selection of sites for development of Ultra Mega Power Projects in Gujarat and Jharkhand

**Scope of Work:** Assist PFCCL/CEA for selection of sites including survey and preparation of report for the development of Ultra Mega Power Projects in the states of Gujarat and Jharkhand & approval of ToR

Preparation of Detailed Project Report (DPR) for Smart Grid in Ranchi City in the State of Jharkhand

**Scope of Work:** Preparation of DPR of Smart Grid which includes IT Initiatives, Information & Communication Technology Interventions, Electrical Initiatives, Cost Estimates, Cost Benefit Analysis, Investment & Financing Strategy and Selection of SGIA.

Preparation of Detailed Project Report (DPR) for Smart Grid in Rourkela City in the State of Odisha

**Scope of Work:** DGPS Survey, GIS Mapping and Drawings; Preparation of DPR of Smart Grid with an objective of AT&C loss reduction, energy accounting, detecting energy theft/pilferage on real time basis, peak load and demand side management, remote DT monitoring and control, alternate energy integration, asset management and including other Smart Grid Initiatives.

RURAL ELECTRIFICATION CORPORATION, NEW DELHI (REC)

Impact Study of “Implementation of Feeder Separation Scheme” in the state of Madhya Pradesh

**Scope of Work:** The status of implementation of HVDS & Feeder Renovation/Separation/Segregation Programme in different states across the country. Detailed analysis of the implementation strategy, deviations if any and impact of programme on Energy Accounting for agricultural/domestic consumption, reduction in AT&C Losses, DTR failure rate and regularization of illegal connections.

REC POWER DISTRIBUTION CO. LTD., NEW DELHI (RECPDCL)

Third Party Quality Inspection, monitoring and Supervision of Feeder Renovation Program (FRP) works of AVVNCL, on behalf of RECPDCL

**Scope of Work:** Third Party Quality Inspection, monitoring & Supervision Feeder Renovation Program

Third Party Quality Inspection, monitoring and Supervision of RGGVY work of BESCOM

**Scope of Work:** Third Party Quality Inspection, monitoring and Supervision of RGGVY work of Bangalore Electricity Supply Co. Ltd. (BESCOM) for Davangere district.

MINISTRY OF NEW AND RENEWABLE ENERGY, NEW DELHI (MNRE)

Monitoring and Evaluation of Solar Photovoltaic Systems installed in the fields during the years 2007-08, 2008-09, 2009-10.—Mizoram & Goa.

**Scope of Work:** Physical verification and evaluation of technical performance of the Solar PV systems such as solar lanterns, home lighting systems, street lighting systems and stand alone power plants.

Monitoring and evaluation of SPV systems and stand-alone power plants installed during:
1. 2007–08, 2008–09 and 2009–2010 in Haryana Uttarakhand and Rajasthan
2. 2010–11 in Haryana, Mizoram, Jharkhand, Punjab, Sikkim and Uttar Pradesh.

**Scope of Work:** Physical verification and evaluation of technical performance of the Solar PV systems such as solar lanterns, home lighting systems, street lighting systems and stand alone power plants.
KEY ASSIGNMENTS

ENERGY EFFICIENCY SERVICES LIMITED, NEW DELHI (EESL)
Demand Side Management based Efficient Lighting Program at BESCOM, GESCOM and CESC, in the state of Karnataka.
Scope of Work: Sample based survey for implementation of DELP in respective DISCOMS to provide energy efficient 7W LED Lighting in place of the conventional 60W incandescent lamps (ICL’s) for grid connected consumers in domestic sector.

DONOR FUNDING AGENCY

THE WORLD BANK GROUP
Doing Business (Getting Electricity)
Scope of Work: Assist World Bank in formulating recommendations for DISCOMs, aimed at improving India’s ranking in the getting electricity indicator. The study involved obtaining data from countries with best global practices, analyzing parameters such as time, procedures, cost etc. and assist in preparing the presentation for Department of Industrial Policy and Promotion (DIPP) on Doing Business.

Solar Rooftop
Scope of Work: Hired as Technical consultant by World Bank for grid connected solar roof top project. Services include identification of the most advanced states for implementation of grid connected solar roof top project based on a Readiness Checklist prepared by analyzing the protocols and procedures for metering, grid connectivity and power purchase agreements etc.

Solar Program in India
Scope of Work: Assistance to World Bank in organizing workshop on a pan India level and finding gaps and accordingly come up with tailor made training programs for state discos officials. Training conducted for Telangana State discos officials.

STATE PROJECT IMPLEMENTATION UNIT , NCRMP II, RELIEF & REHABILITATION DEPT. GOVT. OF MAHARASHTRA., MUMBAI (A WORLD BANK FUNDED PROJECT)
Micro level DGPS (Differential Global Positioning System) survey MSEDCL.
Scope of Work: Micro level DGPS survey and preparation of DPR for converting the distribution network (33kV, 22kV, 11kV and LT) to Underground Cabling in Alibaug, Ratanagiri and Satpati, under National Cyclone Risk Mitigation Plan funded by World Bank.

BIHAR STATE EDUCATIONAL & INFRASTRCTURE DEVELOPMENT CORPORATION LIMITED, (A WORLD BANK FUNDED PROJECT)
Establishment of Management Unit to Support Enhancing Teacher Effectiveness in Bihar (PMU)*
Scope of Work: Support and coordination with the stakeholders i.e. DR&T, BSEIDC and SCERT in identifying fit–for purpose ICT infrastructure for teacher education in Bihar based on government’s strategic direction, align the needs with latest market trends and support BSEIDC in procurement, development, deployment and maintenance of such relevant ICT infrastructure.
KEY ASSIGNMENTS

MADHYA PRADESH MADHYA KSHETRA Vidyut VITRAN NIGAM LTD., BHOPAL (MPMKVVCL) (AN ADB FUNDED PROJECT)
Consultancy services for supervision, quality control and monitoring of 11 KV feeder separation work in villages under the jurisdiction of MPMKVVCL, Bhopal, India (an ADB funded Project)
**Scope of Work:** Supervision of all construction activities along with physical survey, material testing, consumer indexing and asset mapping done by works contractor, certification of reduction in (T&D) losses

STATE/UT LEVEL UTILITIES – UTTAR PRADESH

DAKSHINANCHAL Vidyut VITRAN NIGAM LTD, AGRA (DVVN)
Providing Services for implementation of works under Pradhan Mantri Sahaj Bijli Har Ghar Yojana (Saubhagya) in 21 districts in the state of Uttar Pradesh under 5 zone under Dakshinanchal Vidyut Vitaran Nigam Ltd. (DVVN).
**Scope of Work:** Project Management Services by hand holding the project from the concept to commissioning which includes supervision and certification of turnkey contractor work. The monitoring of the project shall be done on basis of Android Based Mobile Application. Assist in issuing / approving Technical Specification

Detailed survey and preparation of district wise DPR of 21159 villages/majras of 13 districts in three distribution zone of DVVN on the basis of REC guidelines under RGGVY Scheme, Phase-II
**Scope of Work:** Survey and mapping of villages through AutoCAD, indicating the locations of all the habitations, existing as well as proposed infrastructures and preparation of DPRs for Rural Electrification.

GPS survey of 11 KV Feeders and submission of Route Map of each feeder separately, and preparation of DPR for separation of tube well feeders from Light and Fan feeders in Jhansi district.
**Scope of Work:** GPS Survey of 11KV Feeders and submission of route map of each feeder separately (Approx. 70 Feeders) – Approx. length 3500 Km. for separation of tube well connection from light & fan connection. Approx. length 2500 Km. Proposal for installation of new DTs for separation of load.

Preparation of DPR of Part-B for works under Restructured APDRP
**Scope of Work:** Preparation of R-APDRP Part-B DPR for the 60 towns & sub-towns of DVVN, Agra.

MADHYANCHAL Vidyut VITRAN NIGAM LTD., LUCKNOW (MVVN)
Preparation of NAD/DPR & Appointed as Project Management Agency (PMA) for Deen Dayal Upadhyaya Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS)
**Scope of Work:** Supervision of project implementation activities of Contractors to ensure complete compliance with drawings, technical specifications and various stipulations contained in the Contract Documents.

**Consultancy for works to be done under Part-B of R-APDRP during XI plan**
**Scope of Work:** Consultancy works under Part-B of R-APDRP during XI plan in 44 towns.
KEY ASSIGNMENTS

**Project Monitoring and supervision of quality of work during construction for implementation of RGGVY XIth & XIIth Plan for MVVNL**

**Scope of Work:** Preparation of bid document for electrification of un-electrified & partially electrified village/habitation along with REDB (Rural Electricity Distribution Backbone) including BOQ and BOM. Project Monitoring & Supervision of quality as per specification of material and work as in scope work.

Preparation of NAD/DPR with GPS survey of towns more than population of 5000 & Project Management Agency under Integrated Power Development Scheme at MVVNL under RGGVY scheme.

**Scope of Work:** Preparation of DPR’s with survey of existing rural feeders for separating light & fan connections from PTW line feeders in towns of MVVNL as per the guidelines of Integrated Power Development Scheme of PFC/GoI.

**PURVANCHAL VIDYUT VITRAN NIGAM LTD., VARANASI (PuVVNL)**

Providing Services for implementation of works under Pradhan Mantri Sahaj Bijli Har Ghar Yojana (Saubhagya) in 21 districts in the state of Uttar Pradesh under 6 zone under Purvanchal Vidyut Vitaran Nigam Ltd. (PuVVNL).

**Scope of Work:** Project Management Services by hand holding the project from the concept to commissioning which includes supervision and certification of turnkey contractor work. The monitoring of the project shall be done on basis of Android Based Mobile Application. Assist in issuing / approving Technical Specification

Preparation of Detailed Project Report and tender document for undergrounding of the LT system by conversion of overhead LT system to underground LT system in Azamgarh Town.

**Scope of Work:** Verification and updation of asset map of R-APDRP Part-A of Azamgarh town for 11kV and LT system and preparation of SLD & proposal for conversion of existing LT system to UG-LT system.

**Project Management Agency (PMA) for providing consultancy services under Deen Dayal Upadhayay Gram Jyoti Yojana (DDUGJY) and Integrated Power Development Scheme (IPDS) of PuVVNL.**

**Scope of Work:** Monitoring and coordination of bidding process, Project Planning and implementation , Quality Monitoring, Supervision of project execution and preparation of Closure Report.

**PASCHIMANCHAL VIDYUT VITRAN NIGAM LTD., MEERUT (PVVNL)**

Door to Door survey and GIS Indexing of Rural Households connected to 11kV Feeders emanating from 33kV substation in Ghaziabad and Meerut Zone.

**Scope of Work:** Survey of rural households as per census 2011 including households added/newly constructed at 11kV feeders of all 33/11kV S/s and GIS indexing/mapping of all kinds of consumers.

**Project Management Agency for the work of Construction of New 11kV feeders, conversion of existing overhead LT lines to Underground cable network Rampur Town.**

**Scope of Work:** Monitoring the progress of the work of construction of New 11kV feeders, conversion of existing overhead LT lines to Underground cable network in Rampur Town, including quality assurance.
KEY ASSIGNMENTS

Providing electricity connection to all consumers in rural areas and poor consumer in urban areas in 14 districts of Pashimanchal Vidyut Vitran Nigam Limited (PVVN) to be carried out under SAUBHAGYA scheme.

**Scope of Work:** Project Management Services by hand holding the project from the concept to commissioning which includes supervision and certification of turnkey contractor work. The monitoring of the project shall be done on basis of Android Based Mobile Application. Assist in issuing / approving Technical Specification.

UTTAR PRADESH POWER CORPORATION LIMITED

**Digitalization of documents, records, books, voucher, GPF, CPF, Pension Form, Audit related documents, Loan Forms and other Bank related form and documents etc.**

**Scope of Work:** Digitalization of documents, records, books, voucher, GPF, CPF, Pension Form, Audit related documents, Loan Forms and other Bank related form and documents etc. relating to Uttar Pradesh Power Corporation Limited (client), which involves scanning of documents, preparation of metadata, developing Document management System for easy access of the digitized documents.

UTTAR PRADESH POWER TRANSMISSION CO. LTD., LUCKNOW (UPPTCL)

**Consultancy Services for conducting Benchmarking Study on UPPTCL’s Transmission Business and preparation of benchmarking report.**

**Scope of Work:** Preparation of benchmarking report as per requirements of National Tariff Policy and Uttar Pradesh Electricity Regulatory Commission Regulations.

GPS based updated tower to tower line survey of 765Kv Anpara-Unnao S/C transmission line.

**Scope of Work:** GPS based tower to tower Survey of 765KV, S/C Anpara-Unnao line of 405 Kms.

UTTAR PRADESH NEW & RENEWABLE ENERGY DEVELOPMENT AGENCY, LUCKNOW (UPNEDA)

Providing Bid Process Management services to UPNEDA in selection of Developer for setting up of Solar Power Projects in U.P through competitive bidding, cumulative value of 215MW & 105 MW

**Scope of Work:** Preparation of bid documents, draft PPA, Escrow, financial model, petition for UPERC and hypothecation deed draft to the satisfaction of UPNEDA/Distribution Company.

Providing Bid Process Management services to UPNEDA in selection of developer for setting up of 1000MW Solar Power Projects in U.P through competitive bidding.

**Scope of Work:** Preparation of bid documents, draft PPA, Escrow, financial model, petition for UPERC and hypothecation deed draft to the satisfaction of UPNEDA/Distribution Company.

STATE/UT LEVEL UTILITIES – UTTARAKHAND

UTTARAKHAND POWER CORPORATION LIMITED, DEHRADUN (UPCL)

Project Management Agency (PMA) for Deen Dayal Upadhyay Gram Jyoti Yojana (DDUGJY) & Integrated Power Development Scheme (IPDS)

**Scope of Work:** Project Management Consultancy for Deen Dayal Upadhyay Gram Jyoti Yojana for rural areas and Integrated Power Development Scheme (IPDS)
KEY ASSIGNMENTS

STATE/UT LEVEL UTILITIES – BIHAR

NORTH BIHAR POWER DISTRIBUTION COMPANY LTD., PATNA (NBPDCCL)
Project Management Agency (PMA) to provide services for supervision of "Rural Electrification works under Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) in 21 districts
Scope of Work: To monitor the pre-construction activities, assist in taking remedial actions to avoid slippages, cost and time overruns, delays by the contractor. Verifications and study of the DPRs, SLDs, survey reports and all other relevant documents submitted by the consultants.

Project Management Agency for implementation of service connections to APL households under State Plan in 7 circles under jurisdiction of North Bihar Power Distribution Company Limited.
Scope of Work: Project Management Services by handholding of the project from the concept to commissioning in twenty one districts of North Bihar under State Plan Scheme i.e. Mukhyamantri Vidyut Sambandh Nischay Yojana.

STATE/UT LEVEL UTILITIES – MAHARASHTRA

MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD., MUMBAI (MSEDCL)
Project Management Agency for Assessment of loading on MSEDCL's Existing Network and additional infrastructure requirement over the period from FY 2016-17 to FY 2020-21 based on sample/representative data of MSEDCL.
Scope of Work: Assessment of loading on existing network of MSEDCL and preparation of road map, Regions/Zones/Circles/Division wise estimates, for Physical Network Requirement Plan for 5 years in order to meet the objectives set by MSEDCL.

Scope of Work: Assisting MSEDCL in preparation of standard bidding document for Full Turnkey and Partial Turnkey Projects, Materials / Equipment to be procured by Material Management Cell Services to be hired by Projects/ Infra Department and for Services to be hired by projects / infra department. Preparation of evaluation criteria for different projects such as DPDC, IPDS, DDUGJY, AG schemes etc.

STATE/UT LEVEL UTILITIES – ASSAM

Preparation of Detailed Project Report for Rural Electrification under RGGVY 12th Plan Scheme in Districts of Assam i.e. Dibrugarh, North Lakhimpur, Karbi Anglong and Nagaon
Scope of Work: Preparation and submission of DPR's for all left out villages and habitations on the basis of field survey with the latest cost data of APDCL.

ASSAM POWER DISTRIBUTION COMPANY LTD., GUWAHATI (APDCL)
Smart Grid Consultant (SGC) for assisting APDCL in Implementation of Smart Grid pilot project
Scope of Work: Bid Process Management for appointment of Smart Grid Implementing Agency and handholding for successful implementation of the smart grid project of Guwahati, APDCL.
KEY ASSIGNMENTS

Feasibility Report for development & modernization of distribution system for Upper region of Assam.

Scope of Work: Techno-economic feasibility and financial viability of the Project. Carry out required analyses, studies, estimated BoQ's & other necessary information for Feasibility Report to facilitate award of the Project on PPP basis.

Consultancy Services for Implementation of Circle level Customer Care Centre in 19 districts of APDCL, connecting R-APDRP Central Customer Care Centre

Scope of Work: Preparation of architecture, manning pattern, RfP and estimate for hardware requirement, O&M financial requirements of Circle Level Customer Centre for management of complaints 24X7

STATE/UT LEVEL UTILITIES – MADHYA PRADESH

MADHYA PRADESH MADHYA KSHETRA VIDYUT VITRAN NIGAM LTD., BHOPAL (MPMKVCL)
Consultancy Services for Formulation of RGGVY Projects in 12th Plan for Districts Gwalior, Datia, Morena, Bhind (Package-III) and for the districts Bhopal, Sehore, Rajgarh and Vidisha (Package-II)

Scope of Work: Complete survey of the areas under a village, mapping through AutoCAD indicating the locations of all the habitations, existing as well as proposed infrastructures using GPS referenced data collection and preparation of DPRs for Rural Electrification under Govt. of India, RGGVY scheme.

STATE/UT LEVEL UTILITIES – JHARKHAND

JHARKHAND URJA SANCHARAN NIGAM LIMITED, RANCHI (JUSNL)
Detailed report (Technical, financial and legal) for execution of transmission projects i.e. 400/220 kV Grid sub-stations along with their associated transmission lines through PPP mode on DBFOT basis.

Scope of Work: Techno-economic feasibility and financial viability of the Project, carry out physical surveys, assessments, analyses, evaluation and studies to prepare preliminary designs & specification, BoQ’s, cost estimated for preparation of feasibility report of Projects Transmission System, to facilitate award of Projects Transmission System on DBFOT through a competition bidding process.

Appointed as Knowledge Partner & Strategic Support to Jharkhand Urja Sancharan Nigam Limited

Scope of Work: Continuous Assistance for preparation of MIS and documentation for all Ongoing Projects, Assistance for preparation of reports related to Regulatory, CEA, PFC, Ministry of Power, Forest Clearance and other government bodies.

JHARKHAND BIJLI VIDYUT VITRAN NIGAM LIMITED, RANCHI (JBVNL)

Project Monitoring Consultancy Services for implementation of service connections to Rural Households and Agricultural Connections under State Plan Schemes Atal Gram Jyoti Yojana (AGJY) & Tilak Manjhi Grameen Krishi Pump Yojana (TMGKPY), in 24 districts of Jharkhand.

Scope of Work: Review of Contract Management Plan of PIA, carrying out pre-dispatch inspection of materials to be utilized in the works awarded to turn-key contractor and perform test inspection to ensure conformity on quality at field.
KEY ASSIGNMENTS

Project Management Consultant to provide services for implementation of Jharkhand Sampurna Bijli Achchadan Yojana (JSBAY) for Package—5 (Dhanbad, Bokaro, Hazaribagh, Chatra & Ramgarh district of Jharkhand State).

Scope of Work: Hand holding of the project from concept to commissioning of JBVNL under State Plan. It includes, quality assurance, inspection at field, pre-dispatch inspection at manufacture work site, preparation of bid document and project monitoring supervision.

Project Management Consultant to provide services for implementation of Jharkhand Sampurna Bijli Achchadan Yojana (JSBAY) for Package—4 (Deoghar, Godda, Koderma & Giridh district) of Jharkhand State.

Scope of Work: Complete project management services by hand holding of the project from concept to commissioning of JBVNL under State Plan. It includes, quality assurance, inspection at field, pre-dispatch inspection at manufacture work site, monitoring and preparation of bid document.

STATE/UT LEVEL UTILITIES – ANDHRA PRADESH

ANDHRA PRADESH SOUTHERN POWER DISTRIBUTION CO. LTD., TIRUPATI (APSPDCL)
DGPS survey and updation of GIS incremental changes in 32 towns of APSPDCL, Andhra Pradesh

Scope of Work: GIS based Unique Customer Indexing, mapping for new electrical network and a network information management system for 33KV/11KV and LT network entities pertaining to 32 Towns.

STATE/UT LEVEL UTILITIES – RAJASTHAN

AJMER VIDYUT VITRAN NIGAM LIMITED, AJMER (AVVNML)
Technical consultant for city distribution system on PPP Model for Ajmer, Udaipur & Jodhpur

Scope of Work: Techno-economic feasibility and financial viability of the Project. Carry out required analyses, studies, estimated bill of quantities & other necessary information for Feasibility Report to facilitate award of the Project on PPP

Project Management Agency for quality assurance, inspection and monitoring of DDUGJY and IPDS projects in 12 districts/circles under AVVNML.

Scope of Work: Monitoring, supervision and quality control of ongoing/completed works by checking works as per approved Quality Assurance Plan for effective implementation of DDUGJY & IPDS.

JODHPUR VIDYUT VITRAN NIGAM LIMITED, JODHPUR (JDVVNL)

Project Management Agency for quality assurance, inspection and monitoring of DDUGJY and IPDS projects in 10 districts/circles under JdVVNL.

Scope of Work: Monitoring, supervision and quality control of ongoing/completed works by checking works as per approved Quality Assurance Plan for effective implementation of DDUGJY & IPDS.

Survey & Preparation of DPRs as per guidelines of MoP, GoI Under DDUGJY & IPDS Scheme

Scope of Work: Survey and preparation of Detailed Project Reports to assess realistic infrastructure and BoQ for activities to be undertaken under DDUGJY and IPDS scheme in Jodhpur DISCOM.
KEY ASSIGNMENTS

JAIPUR VIDYUT VITRAN NIGAM LIMITED, JAIPUR (JVVNL)
Survey & Preparation of DPR of 12 districts of Jaipur Under DDUGJY
Scope of Work: Survey and preparation of Detailed Project Reports to assess realistic infrastructure and BoQ for activities to be undertaken under DDUGJY in 12 districts of Jaipur DISCOM.

STATE/UT LEVEL UTILITIES – PUNJAB

PUNJAB STATE POWER CORPORATION LTD., PATIALA (PSPCL)
Project Management Consultants to provide consultancy services for implementation of projects under Deendayal Upadhyaya Gram Jyoti Yojana (DDUGJY) for the rural areas.
Scope of Work: Consultancy services for implementation of projects under DDUGJY, bid process management, Project Planning and Implementation, Quality Monitoring and MIS & Web Portal updation.

Project management consultants to provide consultancy services for implementation of projects under Integrated Power Development Scheme (IPDS) for urban Areas
Scope of Work: provide consultancy services for implementation of projects under Integrated Power Development Scheme (IPDS) for urban Areas, Monitoring and coordination of bidding process, Project Planning and Implementation, Quality Monitoring and MIS & Web Portal updation.

POLICY & REGULATORY

GUJARAT ELECTRICITY REGULATORY COMMISSION, AHMEDABAD, (GERC)
Approval of Business Plan for second control period, work of Truing up of FY 2010-11, approval of ARR for each year & approval of Tariff for FY 2011-12 & FY 2012-13 for various utilities of Gujarat.
Scope of Work: Detailed scrutiny of the petitions and other documents submitted by the Petitioners and preparation of admission orders and comparative study report after reviewing on the key components.

ELECTRICITY DEPARTMENT DADRA AND NAGAR HAVELI, SILVASSA
Energy audit for study, assessment of component wise AT&C losses & GIS mapping of 11 kV feeders.
Scope of Work: Energy auditing and accounting of the network to study component wise AT&C losses
Preparation of ARRs/Tariff Petitions for year 2012-13 2013-14 & 2014-15
Scope of Work: Preparation of Financial models, True up petitions, ARR & Tariff Petition, before JERC.

IT & ITes

UTTAR PRADESH DEVELOPMENT SYSTEM CORPORATION LTD. (UPDESCO)
Third Party Auditor for quality audits to evaluate performance of Mega Call Centre for Chief Minister.
Scope of Work: Quality audits at regular intervals to evaluate performance of the Mega Call Centre on a wide range of parameters, including matching of the submitted feedback with audio recordings/content of the calls and other parameters. Audit & authentication of reports and bills submitted by the System Integrator and provide regular feedback on quality, call trends or compliance issues.
KEY ASSIGNMENTS

GREATER NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY, GB NAGAR, (GNIDA)
Design, Development & Implementation of Automated Building Plan Scrutiny & Approval System
**Scope of Work:** A system requirement specification to incorporate with the present pattern of flow of data and file to Automating Building Plan Approval System. The approved latest Building By-Laws Rules and regulations of the Greater Noida Industrial Development Authority will be incorporated in software.

NEW OKHLA INDUSTRIAL DEVELOPMENT AUTHORITY
**Scope of Work:** Develop an Online Building Map Submission, Scrutiny and Approval (OBMAPS) for 450 Sq. meters Residential plots in first phase. In second phase, build online file application system for higher plots of residential and other properties.

ROADS & HIGHWAY

UTTAR PRADESH EXPRESSWAYS INDUSTRIAL DEVELOPMENT AUTHORITY
Concept Paper for Engaging Financial Institutions For Funding of AGRA–LUCKNOW Expressway.
**Scope of Work:** Preparation of a detailed Concept Paper Document that could be used to present before the national and international financial institutions for initiating the process of negotiation of funding the Agra - Lucknow Expressway guidelines of Ministry of Road Transport and Highways, Finance Ministry and External Affairs Ministry in Government of India for posing the Projects to international agencies through proper channel including the Government of India.

UTTAR PRADESH STATE HIGHWAY AUTHORITY
Consultancy Services to determine the feasibility of PPP transaction and to implement agreed transaction between Uttar Pradesh State Highway Authority and the Concessionaire for Etonja-Mohan-Kumharwa-Deva-Chinhart (MDR-88C) Length 51.350kms. In Uttar Pradesh
**Scope of Work:** Feasibility study which includes engineering survey and investigation, traffic survey and demand assessment, classified traffic volume count, pedestrian/cattle crossing demand assessment, axle load spectrum survey, topographic alignment and land use survey, road inventory survey, road condition survey, bridge condition survey, and Environmental & Social Impact Assessment.

NATIONAL HIGHWAY DIVISION GULZARBAGH, PATNA
Preparation of Feasibility Study and Detailed Project Report for improvement to Two-lane with Paved Shoulder of ; Stretch from Bhagalpur at NH-33 – Dhaka mor on NH-333A ; Stretch from Katoria (Bihar) at NH-333A Chandan – Deoghar (Jharkhand) at NH-33 ; Stretch from Lakhisarai on NH-33 Jamui on NH-33; Stretch from Dhaka mor in State of Bihar – Hansidha in State of Jharkhand ; Stretch from Sarwan – Chakai from Jamai – Kharagdha – Chator – Sarwan – Chakai Road in Bihar on EPC mode.
**Scope of Work:** Widening/improvement work to Two Lane with Paved shoulder shall be within the existing right of way avoiding land acquisition. Environmental Impact Assessment, Environmental Management Plan and Rehabilitation and Resettlement Studies. Prepare documents for BoT as well as EPC contracts at Feasibility stage/DPR stage. The studies for financing options like BoT, Annuity, EPC will be undertaken in feasibility study stage.
WE ARE NOT MANUFACTURERS
WE ARE NOT CONTRACTORS
WE ARE CONSULTANTS