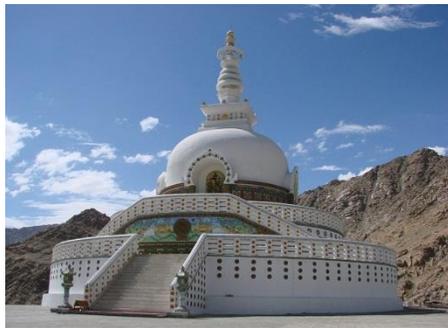


Developing Infrastructure in Bihar



Vision

Creating with passion and innovation, world class infrastructure to make human life comfortable.

Mission

Profitable growth through superior project management, innovation, quality and commitment.

Philosophy

To us at SPML, success is a measure of promises kept. It is the single most cherished dream in every project that we have decided to undertake. Commitment to the cause is what has driven us in the last three decades. And commitment is the key in times ahead.

Area of Operation

Water

- Water Treatment Plant
- Pumping Station
- Water Reservoir (Elevated/Ground)
- Pipeline & Distribution Network
- House Service Connection
- Metering & Billing
- Water Loss & NRW Management
- Instrumentation & IMIS
- PLC & SCADA
- O&M of Water Supply Schemes

Wastewater

- Sewage Treatment Plant
- Effluent Treatment Plant
- Tertiary Treatment Plant
- Integrated Sewerage Network
- Sewage Pumping Station/Pipeline
- Sewer Pipeline Rehabilitation

Power

- Power Generation
- Power Plant Construction (Thermal, Hydro, Solar, Wind)
- EHV & GIS Substations and Transmission Lines
- Sub-Transmission / Distribution Lines and Substations
- City Distribution & Management
- Balance of Plant
- Rural Electrification

Solid Waste Management

- Collection & Transportation
- Recycling & Composting
- Scientific Landfill
- Waste to Energy
- Urban Cleaning

Irrigation

- Dam, Canal & Barrage
- Lift & Micro Irrigation

SPML - Making human life comfortable with world class Infrastructure

SPML Infra Limited is a leading publicly listed infrastructure developer that has managed and implemented over 600 projects across India on an EPC (Engineering, Procurement and Construction), PPP (Public Private Partnership) and BOOT (Build-Own- Operate-Transfer) basis.

An ISO – 9001: 2015 certified company, SPML has established proven SPML has over three decades of multidisciplinary experience in executing world class infrastructure for power transmission and distribution, water treatment and transmission, waste water treatment & recycling and solid waste management, civil infrastructure development.

SPML has a special association with Bihar and have developed a number of water, power and road infrastructure for the state.

Transmission and Distribution Projects

SPML Infra Ltd. is one of the largest contributors to rural electrification in Bihar and has undertaken projects with establishing 33 & 11 KV sub-stations, HT & LT Cabling, Auxiliary and Distribution Transformer, DC System, Construction of new supply lines and re-conducting of existing lines etc. Over a million rural household across the state have benefited through SPML's transmission & distribution initiatives.

Power

SPML Infra Limited has contributed to improve the Power potentiality of Bihar. We are executing following Projects in Barh Super Thermal Power Project (3 x 660 MW) at Barh, Patna.

Road Projects

SPML has contributed immensely in building roads in the districts of Jamui, Madhepura, Saharsa and Supaul for better connectivity in Bihar.

Water Supply Project

Construction of mini water supply schemes in draught-affected districts of Bihar to cater the drinking water demands of people under Public Health Engineering Department, Patna.

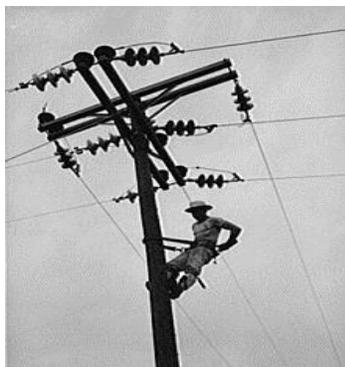


Name of the Project:	Rural Electrification Works in Patna District
Client:	Bihar State Power (Holding) Company Ltd.
Scheme:	Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)
Project value:	INR 5,030 Million
Scope of work:	Design, engineering, manufacture, testing, supply of specified equipment and materials on ex work basis for execution of Rural Electrification Works in Patna District of Bihar on Turnkey basis. Scope including New 33/11KV Sub-Stations, Augmentation of 33/11KV Sub-Stations, New 33 & 11KV Line, Transformers, LT & HT Cabling, Lightning Systems, Control & Relay Panels among other associated works.
Total length of network:	7144 Kilometers of ACSR Conductors, 5310 kilometers of LT Lines
No. of BPL Connections:	3,83,929 in 23 Blocks
Status:	In Progress





Name of the Project:	Rural Electrification Works in Gaya District
Client:	Bihar State Power (Holding) Company Ltd.
Scheme:	Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)
Project value:	INR 4,870 Million
Scope of work:	Design, engineering, manufacture, testing, supply of specified equipment and materials on ex work basis for execution of Rural Electrification Works in Gaya District of Bihar on Turnkey basis. Scope of work involves construction, erection, testing and commissioning of new 33 & 11 Kv Sub-Stations, augmentation of 33 & 11 Kv existing Sub-Stations, 6,183 kilometers long 33 Kv and 11 Kv new transmission lines, reconductoring of 57,733 kilometers of 33 kv lines, 6,058 kilometers of LT lines, and providing BPL service connections to almost 3 lac consumers.
Total length of network:	6,058 Kilometers of ACSR Conductors, 4,918 kilometers of LT Lines
No. of BPL Connections:	2,88,325 in 24 Blocks
Status:	In Progress





Accelerated Power Development and Reforms Program (APDRP) Projects:

Name of the Project: Power Supply and Transmission Project in Purnea

Client: Power Grid Corporation of India Limited

Scheme: Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)

Project value: INR 1,062 Million

Scope of work: Design, engineering, manufacture, testing, supply of specified equipment and materials on ex work basis for execution of Rural Electrification Works in Purnea District of Bihar on Turnkey basis. 33 kv/11 kv Sub-station, Galvanized Structure for 33/11 Kv Switchyards, Station Lighting System, 7 Transformers of 3.15 MVA, Circuit Breakers, VCB Panels, PCC and Galvanize Poles, LT & HT Cabling, Lightning Systems, Control & Relay Panels among other associated works.

Total length of network: 199 Kilometers of ACSR Conductors, 385 kilometers of Service Connections

No. of BPL Connections: 26,000 in 583 Villages

Status: Completed



**Accelerated Power Development and Reforms Program (APDRP) Projects:**

Name of the Project: Power Supply and Transmission Project in Gaya

Client: Power Grid Corporation of India Limited

Scheme: Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)

Project value: INR 1,388 Million

Scope of work: Design, Supply, Transportation, Erection, Testing Commissioning of New 33/11 KV Sub-Station & Renovation of Sub-station in Gaya Circle. This Project is implemented under Accelerated Power Development and Reform Program (APDRP) by Central Government of India. This Program is implemented for improving & strengthening of Existing Distribution Systems in Rural Area. The Scope also included of Construction of New Sub-Station, Augmentation of Existing Sub-station, and allied 33/11 KV Lines, Installation of New DTs etc. Under this Contract SPML have completed & Commissioned 6 Nos. New 33/11 KV Sub-Stations and 13 NOS. R & M Sub-stations.

No. of Villages Electrified: 809 Villages

Status: Completed





Accelerated Power Development and Reforms Program (APDRP) Projects:

Name of the Project: Power Supply and Transmission Project in Patna

Client: Power Grid Corporation of India Limited

Scheme: Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)

Project value: INR 45 Million

Scope of work: This Project is implemented under Accelerated Power Development and Reform Program (APDRP) by Central Government of India. This Program is implemented for improving & strengthening of existing distribution Systems in Rural Area. The Scope of work consist of Construction of New Sub-Station, Augmentation of Existing Sub-station, and allied 33/11 KV Lines, Installation of New DTs etc. Under this Contract SPML have completed & commissioned 2 Nos. New 33/11 KV Sub-stations also.

Status: Completed



**Rural Electrification Projects:**

Name of the Project: Power Supply Scheme in Patna Urban Areas

Client: Power Grid Corporation of India Limited

Scheme: Re-Accelerated Power Development and Reform Program (RAPDRP)

Project value: INR 882 Million

Scope of work: This Project is implemented under R-Accelerated Power Development and Reform Program (RAPDRP) by Central Government of India. This Program is implemented for improving & strengthening of Existing Distribution Systems in Urban Area. This Program is mainly aimed at the Towns & Cities having more than 30,000 Population. Under this Contract SPML has completed energization of 31.25 Km of 33KV underground cable work, 36.44 Km of 11KV Underground Cabling work, 40.21 Km of LT Underground Cabling Work, Commissioning of 117 Nos. DTRs & 132 RMUs and electrified 1478 Nos. house hold, dismantling of overhead lines in VIP area of Patna Town and provide the service connection by underground cable work, which avoid theft and electricity loss.

Underground cabling: 108 Kilometers

No of house electrified: 1,500

Status: Completed





Rural Electrification Projects:

Name of the Project: Rural Electrification Works in Kaimur

Client: Power Grid Corporation of India Limited

Scheme: Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)

Project value: INR 325 Million

Scope of work: This Project is implemented under RGGVY Scheme, for electrification of un-electrified, partially electrified and electrified villages and to provide electric supply to below poverty line (BPL) consumers free of cost. The Scope of work under this program was Construction of New 33KV Lines, 11 Kv Lines, LT Lines, HT Lines, Reconductoring Works, New 33/11KV Substations including Civil work and BPL Connection etc.

No of villages electrified: 460 in 8 Blocks

No. of BPL Connections: 15,000

Status: Completed





Rural Electrification Projects:

Name of the Project:	Rural Electrification Works in Rohtas
Client:	Power Grid Corporation of India Limited
Scheme:	Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)
Project value:	INR 372 Million
Scope of work:	Supply, Erection, Testing & Commissioning of Rural Electrification Work in Rothas District. This Project is implemented under RGGVY Scheme, for electrification of un-electrified, partially electrified and electrified villages and to provide electric supply to below poverty line (BPL) consumers free of cost. The Scope of work under this program is mainly Construction of New 33KV Lines, 11KV Lines, LT Lines, HT Lines, Reconductoring Works, New 33/11KV Substations including Civil work and BPL Connection etc.
No of villages electrified:	490 in 8 Blocks
No. of BPL Connections:	18,200
Status:	Completed



**Rural Electrification Projects:**

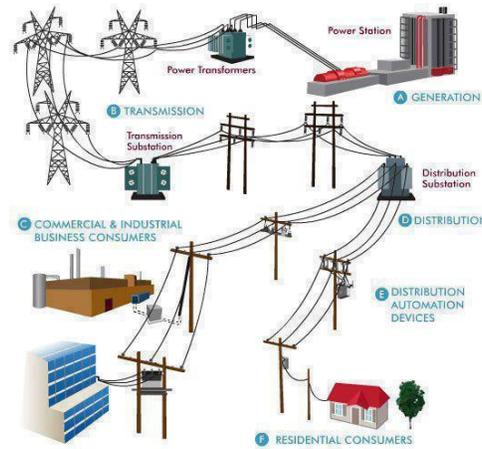
Name of the Project:	Rural Electrification Works in Araria
Client:	Power Grid Corporation of India Limited
Scheme:	Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)
Project value:	INR 890 Million
Scope of work:	Supply, Erection, Testing & Commissioning of Rural Electrification Work in Araria District. This Project is implemented under RGGVY Scheme, for electrification of un-electrified, partially electrified and electrified villages and to provide electric supply to below poverty line (BPL) consumers free of cost. The Scope of work under this program is mainly Construction of New 33 KV Lines, 11 KV Lines, LT Lines, HT Lines, Reconductoring Work, New 33/11 KV Substations including Civil work and BPL Connection etc. SPML has also completed and commissioned 4 new 33/11 KV Sub-stations under this contract.
No of villages electrified:	511 in 8 Blocks
No. of BPL Connections:	37,500
Status:	Completed



**Rural Electrification Projects:**

Name of the Project:	Rural Electrification Works in Supaul
Client:	Bihar State Electricity Board
Scheme:	Rajiv Gandhi Grameen Vidhyutikaran Yojana (RGGVY)
Project value:	INR 1,250 Million
Scope of work:	Supply, Erection, Testing & Commissioning of Rural Electrification Work in Supaul District. This Project is implemented under RGGVY Scheme, for electrification of un-electrified, partially electrified and electrified villages and to provide electric supply to below poverty line (BPL) consumers free of cost. The Scope of work under this program is mainly Construction of New 33KV Lines, 11KV Lines, LT Lines, HT Lines, Reconductoring Work, New 33/11KV Substations including Civil work and BPL Connection etc. SPML is also completed & Commissioned 5 new 33/11 KV Sub-station & augmentation of 6 existing 33/11 KV Sub-stations under this contract.
No of villages electrified:	201 in 8 Blocks
No. of BPL Connections:	81,000
Status:	Under Completion





Distribution Franchisee of Electricity Project:

Name of the Project: Distribution and Supply of Electricity in Bhagalpur Town and Adjoining Areas

Client: South Bihar Power Distribution Company Limited, Patna

Scope of work: This Project is implemented for distribution of electricity in Bhagalpur Electrical Urban Division (3 Sub-divisions) and 2 Rural Electrical Sub-divisions besides metering, meter-reading, billing, collection, operation and maintenance. Augmenting the transmission capacity matching with the growth in distribution network, metering of input points including calibration of meters and matters related to load dispatch and grid discipline.

No. of Connections: 1,15,000

Concession Period: 15 Years

Status: In Progress





Balance of Plant Projects:

Name of Project: Offsite Area Civil Work Package for Barh Super Thermal Power Project (3x660 MW)

Client: National Thermal Power Corporation Limited, Delhi

Project Value: INR 1,206 Million

Scope of Work: The work mainly comprises of all Civil, Structural and Architectural works like Central workshop building, Administrative building including auditorium, Fire station building, CHP workshop cum office building, Fuel oil unloading pump house, Hydrogen generation plant building including storage of cylinder, Storm water pump station, Cooling tower switchgear building, DM plant control room building and miscellaneous civil works.

Status: Under Completion





Balance of Plant Projects:

- Name of Project: Civil Works for Water Pre-Treatment and Liquid Effluent Treatment System Package for Barh Super Thermal Power Project (3x660 MW)
- Client: National Thermal Power Corporation Limited, Delhi
- Project Value: INR 150 Million
- Scope of Work: The work mainly comprises of all Civil, Structural and Architectural works for structures related with Water Pre-Treatment and Liquid Effluent Treatment System.
- Status: Under Completion





Balance of Plant Projects:

Name of Project: Ash Water Recirculation System for Barh Super Thermal Power Project (3x660 MW)

Client: National Thermal Power Corporation Limited, Delhi

Project Value: INR 153 Million

Scope of Work: Ash Water Recirculation System: The work mainly comprises of design, engineering, procurement, supply, erection & commissioning of ash water recirculation system including pump house with water intake system, four ash water re-circulation pumps of 1100 m³/hr @ 60 mwc, 8.5 km clear water pipeline of 800 mm dia and other civil and mechanical works.

Status: Under Completion





Roads & Highway Projects:

Name of the Project:	Development of State Highway in Jamui
Total Road Length:	86.53 Kilometers
Client:	Central Public Works Department
Scheme:	Rashtriya Sam Vikas Yojana (RSVY)
Project value:	INR 1,083 Million
Scope of work:	The development of state highway into two lanes undivided carriageway with 7 meter width in respect of State Highway No. 6 and 18. The other construction included two types of pavements: Flexible Pavement and Rigid Pavement. More than 150 culverts have been constructed using 900-1200 mm dia RCC Hume Pipe. In built up /urban areas, brick masonry drain covered with RCC slab with a provision of Precast RCC cover with opening at suitable interval as per site requirement. Metal Beam Crash Barrier has been provided at high embankment and sharp curve. Kilometer Stone and 5th Kilometer stone has been put in place.
Status:	Completed





Roads & Highway Projects:

Name of the Project:	Development of State Highway in Dist. Saharsa, Supaul and Madhepura
Total Road Length:	84.97 Kilometers
Client:	Central Public Works Department
Scheme:	Rashtriya Sam Vikas Yojana (RSVY)
Project value:	INR 1,136 Million
Scope of work:	The development of state highway into two lanes undivided carriageway with 7 meter width in respect of State Highway No. 59 and 66. The other construction included two types of pavements: Flexible Pavement and Rigid Pavement. More than 200 culverts have been constructed using 900-1200 mm dia RCC Hume Pipe. In built up /urban areas, brick masonry drain covered with RCC slab with a provision of Precast RCC cover with opening at suitable interval as per site requirement. Metal Beam Crash Barrier has been provided at high embankment and sharp curve. Kilometer Stone and 5th Kilometer stone has been put in place.
Status:	Completed



Quality, Health, Safety & Environment

SPML strives towards excellence in all operations through compliance with worldclass quality systems in specific fields of activities, ensuring continuous improvement in our quality management system.

The quality management system of SPML Infra is certified by Universal Quality Accreditation Services, UK with ISO 9001:2008.

SPML recognize that the management of health, safety and environmental matters are the prime responsibility of the company and will ensure that there are adequate resources available (both human and financial) to implement the policy. The management also actively promotes and encourages the cooperation, involvement and participation of all employees, contractors, suppliers and other stake holders.



Awards & Certificates





Water is the prime resource essential for survival of human life on earth. All ecosystems and habitats owe their existence to water. Fresh water is available only 2.7% though the surface of planet earth is geographically covered more than 70% with water. Sustainable water management in India is fast becoming a necessity with the looming crisis over water resources threatening the security and livelihood of the population and environment.



SPML Infra Limited

Delhi: 27/2, Okhla Industrial Area, Phase-II, New Delhi-110020
Tel: 011-23687091

Kolkata: 22, Camac Street, Block A, 3rd Floor, Kolkata-700016
Tel: 033-40091200

Info@spml.co.in | www.spml.co.in