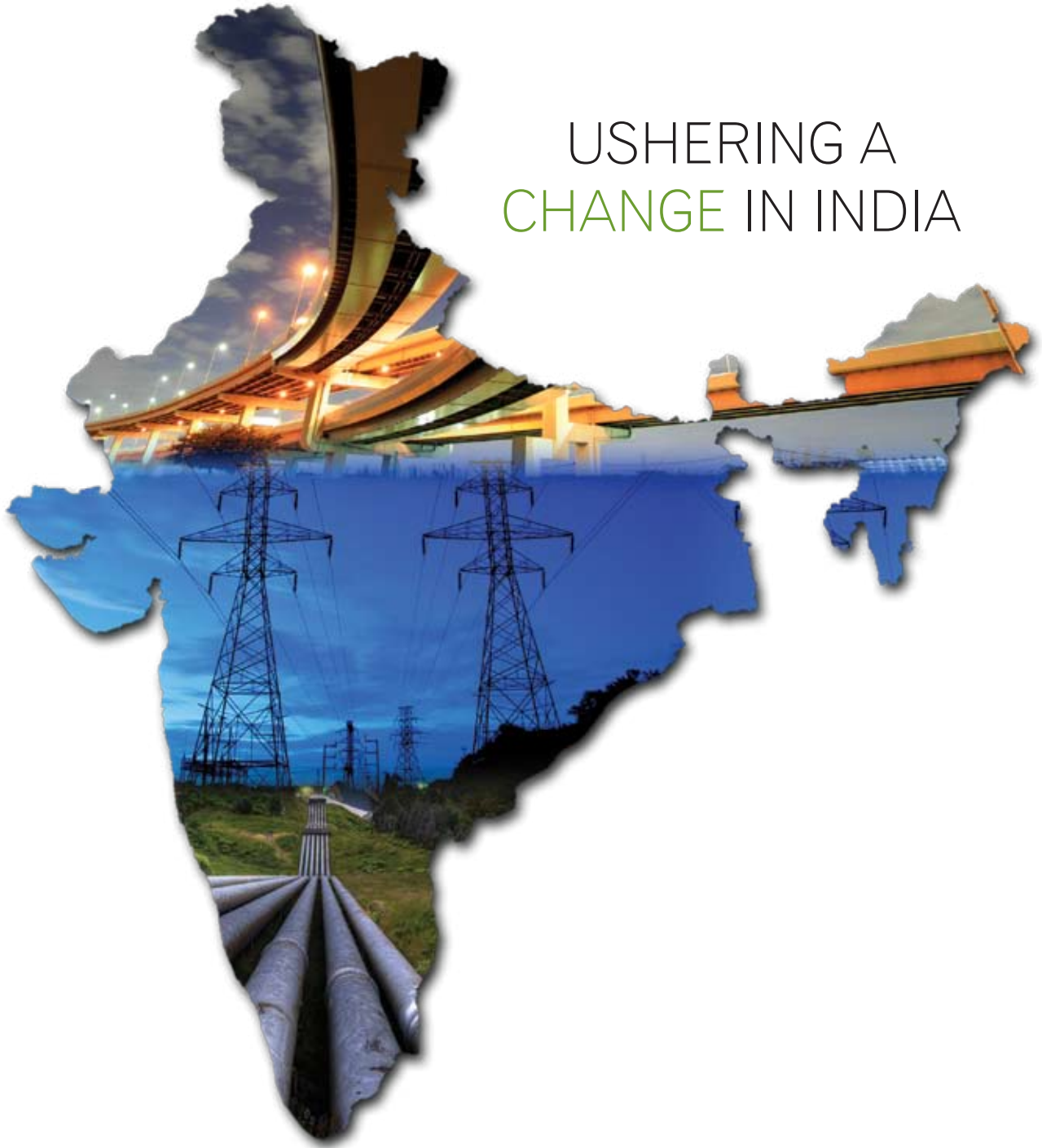


USHERING A
CHANGE IN INDIA



CONTENT

Vice Chairman's Message	1
Making A Difference - SPML Projects That Are Touching Lives	2
Story So Far - Recently Commissioned Projects	4
Recent Wins - New Projects	9
New Milestone, Broader Horizons - Joint Ventures / Alliances	10
Harvesting Technology - Enterprise Wide Sap Roll Out	13
Convenience Unlimited - SPML's Any Time Payment Initiatives	14
Singapore International Water Week (SIWW)	15
General Tidbits - Tips For Healthy Heart	17





Greetings!

In today's global environment, it is imperative that companies introspect and evolve strategies and plans that will meet or exceed stakeholder expectations.

At SPML, we have always been driven by the inherent philosophy that client delight is the single most important objective of the organization. SPML has consistently worked towards ensuring excellence in project management and delivery.

All our domain experts and engineers work towards a common vision of maintaining quality and adhering to timelines - though simple, this is the fundamental factor that drives SPML.

Alliance with the right partner consolidates the service offering ensuring innovation and cost effective solutions. Our partnerships, alliances and joint-ventures have held us in good stead over the years; Our recent joint ventures with Insituform, USA bringing the trenchless "no dig" technology for sewer rehabilitation is a pioneering initiative in India, similarly our tie-up with Semitech, Australia, will enable end-to-end energy management solutions to the utilities in the country.

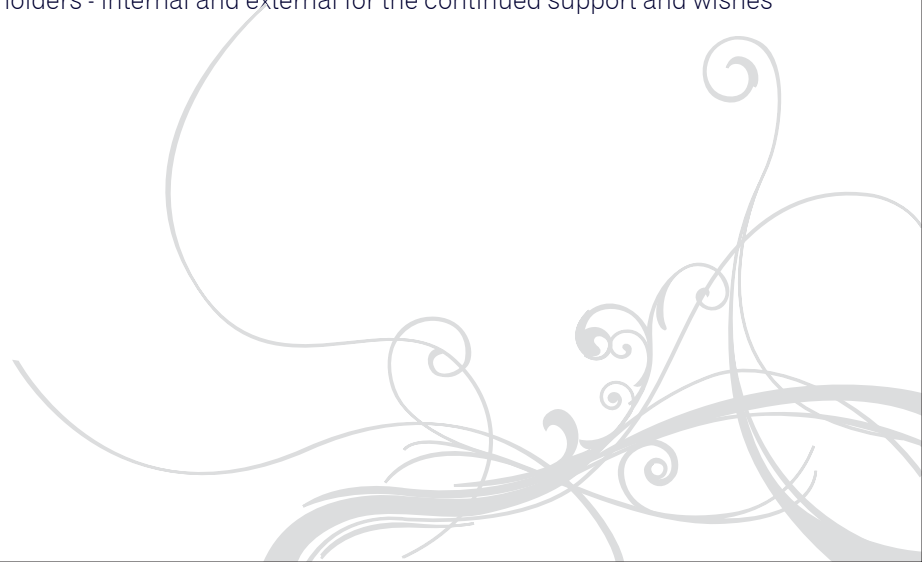
Cutting edge technology is a prerequisite to all forms of business and commercial services. At SPML, we are on a mission to ensure all our projects and initiatives leverage information technology to the optimal levels. Towards this end - SPML's SAP Enterprise Resource Planning implementation is going ahead at good pace, and the resultant effect would be a seamless integration of client expectation and project deliverables.

I would like to once again thank all our stakeholders - internal and external for the continued support and wishes over the last two and half decades.

Best wishes

Subhash Sethi

Vice Chairman



It's easy to develop urban infra solutions, a lot tougher to **make a difference.**

India's first ever comprehensive underground sewerage scheme - Design, Built, Operate & Manage Model to be awarded to a private provider.

That is what SPML is doing with its innovative urban infra projects, making a difference. With the Underground Sewerage Project for Mira Bhayandar Municipal Corporation, Maharashtra, SPML will provide the residents a fresh and hygienic environment, making Mira Bhayandar a better place to live in.



Salient Features of the Project

- Decentralized system
- Phased installation of STPs
- Packaged & Modular STP
- Lowest foot print area of STPs
- Minimum excavation cost depth
- Lower diameters of Sewer lines
- Use of recycle water
- SCADA system
- Lower capital & O&M cost
- Lower land requirement

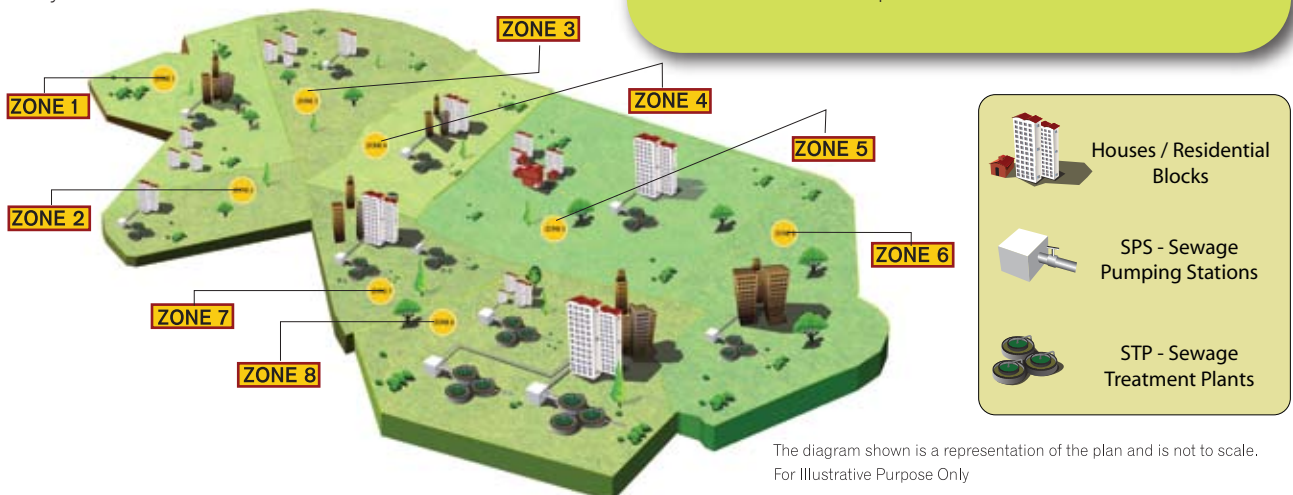
SPML is implementing the prestigious Underground Sewerage Scheme valued at INR 5.2 Bn (USD 110.49 Mn) (including Operations & Maintenance cost for 5 years after commissioning).

The Scope of Work includes underground sewerage facilities in the 24 sq. km area of this fast developing city within the next 30 months. The project would comprise providing, laying and commissioning 107 kilometers of sewer lines; design, construction and commissioning of 10 Pumping Stations and 10 Sewage Treatment Plants (STP) with capacities ranging from 7 MLD to 17 MLD. It will also provide for the necessary pressurized ring mains for distribution and disposal of recycled water.

The system would be designed on completely decentralized system having 10 zones across Mira Bhayandar.

Benefits:

- Use of recycled water for construction, industrial & non-potable purposes
- Pollution due to untreated, semi-treated & undertreated sewage will be avoided
- Land used for septic tanks will be free for public usage - parking, gardens, play grounds etc.,
- Overall hygiene, aesthetics, standard of living will improve
- Cost savings owing to closure of existing septic tanks
- O & M cost of septic tanks would be eliminated

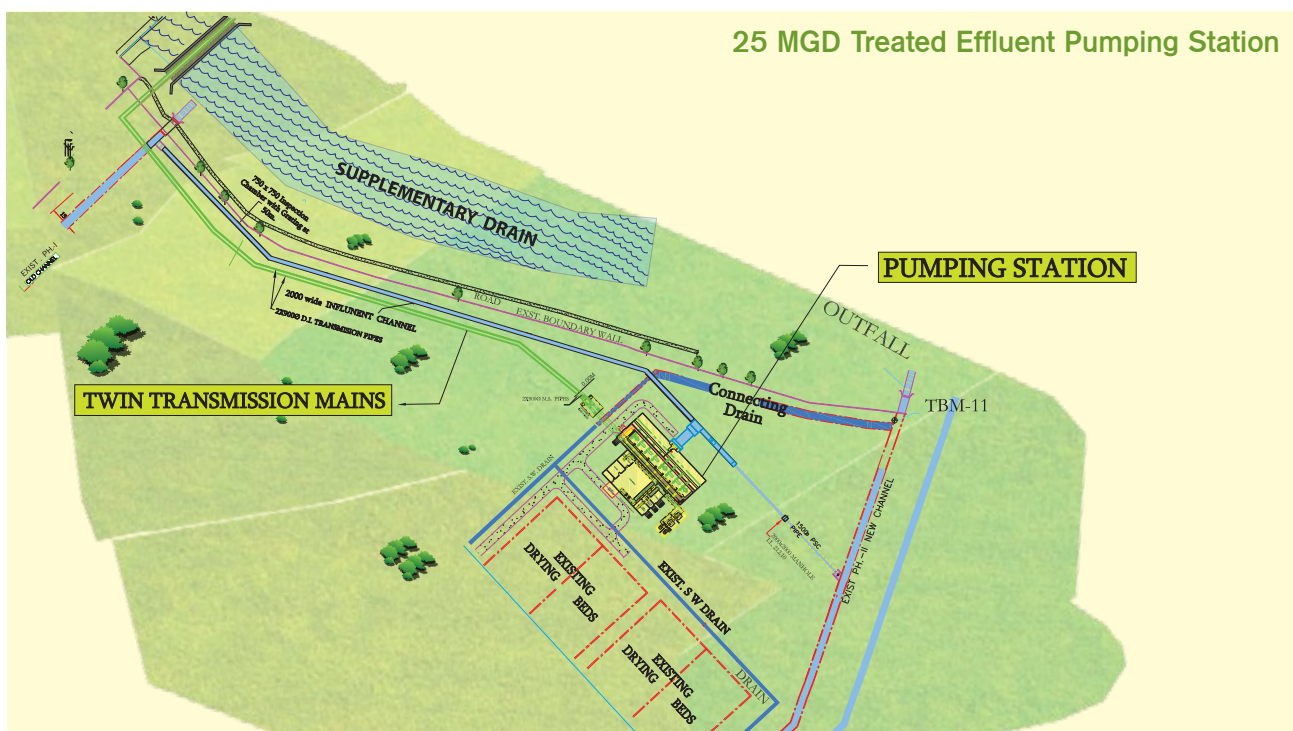


SPML lights up the Commonwealth Games-2010, in its own special way.

The water from the effluent pumping station at Rithala Sewage Treatment Plant will be the source for generation of electricity for the prestigious Commonwealth Games to be held in the year 2010. It is also a huge stride in water conservation by recycling. Sports binds people together, SPML is proud to be associated with the games, in its own way.

Rithala STP (Sewage Treatment Plant) Project valued at INR 770 Mn (USD 16 Mn) was awarded to SPML by Delhi Jal Board.

The Scope of Work includes construction of 25 MGD (million gallons per day) Effluent Pumping Station (EPS) at Rithala STP, including twin transmission mains - 900 mm dia, for carrying 33.34 MGD treated effluent from EPS at Rithala to PPCL (Pragati Power Corporation Limited) plant at Bawana, on Design, Build and Operate (DBO) basis with a completion timeline of 11 months. SPML will also undertake Operation & Maintenance for a period of 5 years post completion. The DJB project win re-iterates SPML's strength in the Municipal Waste Management domain. It is also notable that through the years SPML has proved its prowess and has established itself as one of the preferred companies to work on specialised segments. One of the unique features of this project is the use of Magna Drive Couplings for pumpsets for energy efficiency and long term trouble free maintenance.



The diagram shown is a representation of the plan and is not to scale.
For Illustrative Purpose Only

1



Inaugurated by Hon'ble Chief Minister Shri B.S. Yeddyurappa, Hon'ble Power Minister Shri. K.S. Eshwarappa and Hon'ble Excise and IT, BT Minister Shri Katta Subramanya Naidu along with senior cabinet ministers, Government of Karnataka.

Bringing water to the Cultural Capital of Karnataka: Shimoga

Construction of 10m x 8m size switch gear room near jack well cum pump house at Gajanur. Providing, laying, jointing, testing and commissioning of water transmission main and construction of 15m x 8m size pump house near WTP at K.R. Water Works, Shimoga.

BACKGROUND:

Being a pioneer in Water Treatment Plants and related solutions, SPML was invited to meet the requirement for potable water to the culturally rich district of Karnataka. The imminent challenges were the stringent timelines for completion and project site being within city limits; SPML was entrusted with this prestigious project, owing to its proven credentials, resulting in the successful completion of the same.

Location : Shimoga City, Karnataka
 Type of Project : 57 MLD Water Supply Scheme
 Client : Karnataka Urban Water Supply and Drainage Board



Commissioned on: 16 Feb 2009

2



Inaugurated by Hon'ble Chief Minister Shri B. S. Yeddyurappa Government of Karnataka.

Green India - Lifting water from River Cauvery to augment the agricultural needs of the region

Design & construction of sump well cum pump house of 10 x 30 meters including construction of 2 x 6.3 MVA Transformer and 66/6.9 kV Sub Station



Commissioned on: 4 Dec 2008

Nanjapura Lift Irrigation Scheme, Bannur, Mysore District

BACKGROUND:

The Nanjapur Lift Irrigation Scheme was proposed with River Cauvery as the source of water, with the pumping station located near Bannur town. The water was proposed to be delivered into Turugunur Branch canal near Nanjapur village. The intent of the project was to provide water for the agricultural needs - 119 cusecs of water at a head of 58.00 meters from this prestigious project to irrigate up to 10,000 acres of Kharif Paddy for Malavalli (4500 acres) and T. Narsipura (5500 acres)

Location : Head Works at Bannur, 25 Km from Mysore, Karnataka

Type of Project : Lift Irrigation Scheme

Client : Cauvery Neeravari Nigam Limited.
Krishna Raja Sagar Modernization & Medium Irrigation Project Division, Malavally

3



Inaugurated by Hon'ble Chief Minister Shri B. S. Yeddyurappa and Hon'ble Power Minister Shri K.S. Eshwarappa along with senior cabinet ministers, Government of Karnataka.

Increasing the Voltage Profiles while reducing the losses at Shiralakoppa

Establishing 2 x 100MVA, 220/110/11 kV receiving station at Shiralakoppa in Shikaripura Taluk and construction of 220 kV LILO line from existing Sharavathi - Ranebennur 220 kV S/C line.

BACKGROUND:

The proposed Sub-Station and transmission lines were intended to cater to the power requirement of the region. The setting up of such Sub-Stations and construction of transmission lines would increase the voltage profiles and reduce losses.



Commissioned on: 19 Dec 2008

Location : Shiralakoppa, Shikaripura Taluk, Shimoga District, Karnataka

Type of Project : 220 / 110 / 11 kV Sub-Station with associated lines

Client : Hassan Zone, Karnataka Power Transmission Corporation Limited (KPTCL)

4



Commissioned on: 3 March 2009

Water woes of Pali city resolved by SPML's successful pipeline linkage

Execution of the 67 km GRP and 3 km MS water pipeline linkage project from Sindru to Pali, the first ever GRP (Glass Fibre Reinforcement Pipe) Drinking Water Pipeline project in the history of Rajasthan, with O&M for 5 years.

The overall project will comprise: pump houses at two locations, 18 Km long 2000 mm dia MS pipeline, 68 Km long 1100 to 1500 mm dia GRP pipeline, 19 Km long 200 to 500 mm dia DI pipeline, canal strengthening works, SCADA & PLC.

Location : Pali, Rajasthan
 Type of Project : Water Supply Project
 Client : Public Health Engineering Department , Rajasthan

Pipeline linkage to result in INR 120 Mn (USD 2.5 Mn) savings annually for PHED, Rajasthan

BACKGROUND:

Public Health Engineering Department (PHED), Rajasthan, planned to execute the project to primarily minimize the water crisis in Pali city, for a population of over 8 lakhs across 10 towns and 531 villages in Pali, Rajasthan.

5



Inaugurated by Shri T.N. Subbaraju, Executive Engineer and Shri G. Gundappa, Superintendent Engineer, Karnataka Power Transmission Corporation Limited.

Commissioned on: 31 Jan 2009

Location : Saidapura, Yadgir Taluk, Gulbarga District, Karnataka
 Type of Project : 110 / 11 kV Sub-Station with associated lines
 Client : Gulbarga Zone, Karnataka Power Transmission Corporation Ltd. (KPTCL)

Ensuring reliable power supply to Saidapur

Combined package - 11, of upgradation of 1 x 5 MVA, 33/11 kV Sub-Station to 2x10 MVA, 110/11 kV Sub-Station at Saidapur in Yadgir Taluk, Gulbarga District & construction of 110 kV S/C transmission line on DC towers for a distance of 35.95 Kms and creating 1 No. Terminal Bay at Khanapur - 110 kV Sub-Station on partial turnkey basis.

BACKGROUND:

The existing 1 X 5 MVA, 33/11 kV Sub-Station at Saidapur was overloaded most of the time causing low voltage and power interruptions in the areas surrounded by Saidapur. By commissioning the project the rural areas in the region would be assured quality and reliable power. The intended beneficiaries are agriculturists and existing industrial units, while creating opportunities for new industrial units in the region.

6



Commissioned on: 2 March 2009

BACKGROUND:

Public Health Engineering Department (PHED), Rajasthan, planned the project to develop an Intake channel and pumping station to cater to the regional requirement

Location : Ramganjmandi - Jaipur, Rajasthan
 Type of Project : Water Treatment plant
 Client : Public Health Engineering Department, Rajasthan

Creating a milestone Intake Channel & Pumping station facility in Ramganjmandi

Design, engineering, construction, supply, erection, testing & commissioning of Intake Channel and Intake Pumping Station. Construction of Raw Water Transmission System, 33 kV Sub-Station - 1 no. and 11 kV sub-station - 1 no., G. S. S. treatment plant, reservoirs, clear water gravity main, intermediate pumping station - on single responsibility turnkey basis with 5 years O & M

7



Commissioned on: 20 Jan 2009

Location : Sindhanur, Raichur District, Karnataka
 Type of Project : 220/110/11 kV Sub-Station with associated 220 kV lines
 Client : Karnataka Power Transmission Corporation Limited (KPTCL)

Lightening up Rural pockets of Sindhanur

Establishing 2x100 MVA, 220/110 and 1x10 MVA, 110/11 kV Sub-Station at Sindhanur and Construction of 220 kV LILO line from 220 kV SC Lingapur-Lingasugur line for a length of 38.2 Km to the proposed 220 / 110 / 11 kV Sub-Station Sindhanur in Raichur District.

BACKGROUND:

The Karnataka Power Transmission Corporation Limited (KPTCL) planned to set up the proposed sub stations and initiated construction of transmission lines to increase the voltage profiles and reduce losses in the region.

8



Adding light to life in Dobbaspet

Establishing 2x100MVA, 220/66 kV Sub-station at Dobbaspet and construction of 220 kV LILO Line

Commissioned on: 31 Mar 2009

BACKGROUND:

The Karnataka Power Transmission Corporation Limited (KPTCL) planned to set up the proposed sub-stations and initiated construction of transmission lines for augmentation of power supply in Nelamangala Taluk, Karnataka

Location	: Dobbaspet, Nelamangala Taluk, Karnataka
Type of Project	: 2x100MVA, 220/66 KV sub-station with associated lines
Client	: Karnataka Power Transmission Corporation Limited (KPTCL)

9



Raw Water Make-up system for Santaldih Thermal Power Project

Execution of Raw Water Make-up System from Panchet Dam Reservoir to Santaldih TPS on Turnkey basis for Design, Engineering, Supply, Installation, Testing & Commissioning with overall project management for Santaldih Thermal Power Project

Commissioned on: 31 Mar 2009

BACKGROUND:

The West Bengal Power Development Corporation Limited (WBPDCL) envisaged the Raw Water Makeup System from Panchet Dam Reservoir to Santaldih Thermal Power Station, to augment the water requirement of the plant

Turnkey execution of intake & pump house, Raw water transmission main, 33 kV outdoor substation, 27 Km transmission Line & 27 Km Bituminous Macadam Road, Switchyard building, Pipe cum Access Bridge, Culvert, Box culvert and Residential Quarters

Location	: Santaldih, West Bengal
Type of Project	: Water Supply Project - Raw Water Intake
Client	: West Bengal Power Development Corporation Limited (WBPDCL)

10



Lighting up the vicinity of St. John's Wood, Karnataka

Establishing 2 x 31.5 MVA, 66/11kV Sub-station at St. John's Wood and construction of 66kV Terminal Bay in Bangalore

Commissioned on: 31 Mar 2009

BACKGROUND:

The Karnataka Power Transmission Corporation Limited (KPTCL) planned to set up the proposed sub stations and initiated construction of transmission lines to provide quality power supply in the vicinity of St. John's Wood, Karnataka.

Location	: St. John's Wood & HSR layout, Karnataka
Type of Project	: 2 x 31.5 MVA, 66 kV substation with associated lines
Client	: Karnataka Power Transmission Corporation Limited (KPTCL)

Recent Wins

SPML secures INR 5.2 Bn (USD 110.49 Mn) worth Underground Sewerage Project for Mira Bhayandar, Maharashtra

- ▶ Underground Sewerage System valued at INR 5.2 Bn (USD 110.49 Mn) (including Operations & Maintenance cost for 5 years after commissioning) from Mira Bhayandar Municipal Corporation, Maharashtra. The Scope of Work includes underground sewerage facilities in the 24 sq. km area of this fast developing city within the next 30 months. The project would comprise providing, laying and commissioning 107 kilometers of sewer lines; design, construction and commissioning of 10 Pumping stations and 10 Sewage Treatment Plants (STP) with capacities ranging from 7 MLD to 17 MLD. It will also provide for the necessary pressurized ring mains for distribution and disposal of recycled water.

SPML secures the prestigious Chevella Lift Irrigation Scheme worth INR 5.8 Bn (USD 123 Mn) from the Irrigation and CAD Department, Government of Andhra Pradesh

- ▶ The scope of the work includes investigation, design and execution of water conveyor system consisting of lined gravity canal of Tipparam – Chityal Canal Reach-I with carrying capacity of 44.20 Cusecs taking off from Thipparam Reservoir to Kandukur Vagu crossing near Mulkala palli(v) of M Turkapalli Mandal of Nalgonda District with CM & CD works including distributary network for an area of 55,000 Acres, including O&M.

SPML wins consolidated order worth INR 1.05 Bn (USD 21.33 Mn) from NTPC for Simhadri Super Thermal Power Project

- ▶ Order includes Station Piping Package for Simhadri Super Thermal Power Project and Installation services for the same. The scope of work includes: Design, Engineering, Manufacturing, Supply, Testing at Shop, Inspection, packaging, transportation to site, storage, taking delivery of supplied equipment from site stores, in plant transportation, fabrication at site, erection, cleaning, anticorrosive protection, painting of above ground piping. Testing and commissioning of all piping and related systems

SPML secures order for Effluent Pumping Station and Twin Transmission Mains worth INR 770 Mn (USD 16.17 Mn) from Delhi Jal Board

- ▶ The Scope of Work includes construction of 25 MGD (million gallons per day) Effluent Pumping Station (EPS) at Rithala STP, including twin transmission mains for carrying 33.34 MGD treated effluent from EPS at Rithala to PPCL (Pragati Power Corporation Limited) plant at Bawana, on Design, Build and Operate (DBO) basis with a completion timeline of 11 months. SPML will also undertake Operation & Maintenance for a period of 5 years post completion. The DJB project win re-iterates SPML's strength in the Industrial Waste Management domain. It is also notable that throughout the years SPML has proved its efficiency to establish itself as one of the preferred companies to work on specialized segments.

SPML wins consolidated order worth INR 693.7 Mn (USD 14.57 Mn) from the Karnataka Urban Water Supply and Drainage Board

- ▶ Bulk Water Supply improvements to Hubli Dharwad City from Malaprabha Reservoir, the scope of work includes providing, laying, jointing, testing and commissioning of 1168mm dia M.S.Rising Main from jack well at Saundatti to Water Treatment Plant at Amminabhavi and designing, construction, supply, installation, testing, commissioning, trial run and maintenance of 68 MLD capacity Water Treatment Plant for a period of 12 months (includes all civil, mechanical, electrical and allied works at Amminabhavi).

SPML secures Clear Water Pipeline Project for New Town, Kolkata from Public Health Engineering Directorate (Govt. of West Bengal), valued at INR 437 Mn (USD 8.9 Mn)

- ▶ Construction of 3 nos. steel bridges, crossing of major arterial road by trenchless technology including all other allied works, followed by 3 months trial run and subsequent 3 years operation and maintenance under New Town Kolkata Water Supply Division-1. The project also includes surveying entire route of Clear Water Rising Main, Filling up of ditches, laying of 1200 ± 6 mm dia.(internal diameter) Clear Water Rising Main from Water Treatment Plant to Booster Stations with supply of Pipes and specials valves etc.

SPML bags project from National Buildings Construction Corporation Limited (NBCC)

- ▶ PSC pipeline project from National Buildings Construction Corporation Limited (NBCC) wherein the scope of work involves designing manufacturing, laying, testing & commissioning of PSC Pipeline 900 mm i/d along with truss bridge & fittings complete line-2 at Faridabad (Line-1) Package No. 8, project valued at INR 312.2 Mn (USD 6.4 Mn).

SPML Semitech India Private Limited

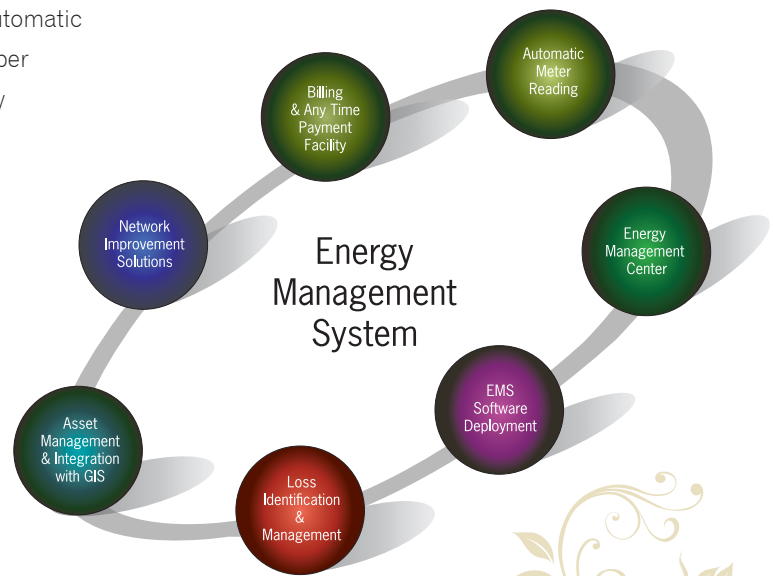
- ▶ SPML ties up with Semitech Innovations, Australia, to provide integrated Energy Management Solutions (EMS) in India.
- ▶ The JV Company which has successfully executed its greenfield project in Gujarat, plans to provide the solutions to all state electricity boards in the country

A Joint Venture, SPML Semitech India Private Limited has been formed between SPML and Semitech Innovations, Australia, to augment the growing need in India for effective and efficient energy management solutions. The company which has successfully completed and handed over its greenfield project in Gujarat is ready to roll out its solutions across the country in partnership with the respective state electricity boards.

The JV will bring to the market the combined prowess of SPML's energy domain expertise in generation, transmission and distribution and Semitech's proven technology and patented Automated Meter Reading solution with integrated design circuit. SPML holds 75% stake in the new company while the remaining is held by Semitech Innovations. The company will operate across the country from its Bangalore office while the R & D wing will be operated out of Semitech Innovations, Australia.

SPML Energy Management System will provide a comprehensive solution to all utilities across the country, comprising of supply of new meters, retrofitting of existing meters, communication solution, Energy Management Centers (EMC) and Any Time Payment (ATP) solutions. EMS with an Automatic Meter Reading will also effectively check tamper detection, reverse rotation of meter and negate any commercial loss due to theft.

In order to reduce and eventually eliminate the 30-40% losses in energy transmission and distribution, it is imperative for utilities in the country, to manage energy distribution and consumption in a controlled environment. Understanding the importance of energy conservation, Ministry of Finance and Power Finance Corporation, has already earmarked approximately INR 500 Bn (USD 10.5 Bn) to Power Sector Utilities to implement several initiatives and projects to eliminate the huge transmission and distribution losses in the country.



Sewer Maintenance and Rehabilitation - A Brief Insight

Most of the present sewerage system is over a century old and in dire need of rehabilitation to support the ever increasing sewage generation. It is plagued by the presence of root intrusion, cracks, leaks and corrosion; a matter of concern for the health and well being of the populace. The biggest challenge that the municipal bodies face during the repair and rehabilitation of existing sewerage system is the inconvenience the entire process causes to the population residing in the affected location. "Dig and Replace" is not always the option.

Sewers can fail for many reasons:

- ▶ Hydrogen Sulphide accumulation, which corrodes the concrete
- ▶ Collapsing owing to inaccurate laying & exposure to heavy weight
- ▶ Damages owing to excavations for other utilities

The simplest procedure for a sewer problem may seem to be digging and replacing the entire lining, however the problems are aplenty: Disruption to public life, Damage to roads / public property and unfinished sites post work.

Cured-In-Place-Pipeline (CIPP) technology is the most viable option to meet the sewer rehabilitation requirements and to overcome these issues.

What is Cured-In-Place-Pipe (CIPP)

- ▶ A trenchless technology used to rehabilitate sewer pipe via existing access points
- ▶ Polyester fiber (felt) tubes are impregnated with a thermosetting polyester resin
- ▶ Resin impregnated tubes are installed in the existing pipe using inversion or pull-in methods
- ▶ Resin is cured using hot steam or water
- ▶ End result is a fully structural rehabilitated pipe
- ▶ 75% of sewer pipes in the world are replaced with CIPP method

CIPP Advantages

- ▶ Cost Effective
- ▶ Time of Installation
- ▶ Minimal Equipment Footprint
- ▶ Limited Site Disruption
- ▶ Minimal Reduction in Diameter
- ▶ Jointless Pipe
- ▶ Structural Integrity
- ▶ Eliminates Infiltration & Exfiltration
- ▶ Reduce Routine Maintenance
- ▶ Stops Soil Void Growth
- ▶ Protects Against Corrosive Chemicals & Gases

Safety as a Core Value

Safety of our employees is a core essence of our belief, SPML-Insituform ensures that all the safety checks are in place so that human life is not at risk. We adhere to strict guidelines in all our projects. Prior to entering the manhole, crew members have to undergo confined space training. These steps are in accordance with Insituform's Big five rules for confined space entry and are strictly followed at each and every CIPP project site:

- ▶ Continually ventilate during man entry
- ▶ All entrants must be hooked to a lifeline/retrieval system
- ▶ Calibrated meter used on every man entry
- ▶ Harness and rope used on every man entry and
- ▶ Confined space entry and permit must be completed and posted in sight of manhole

Projects Highlights

Project 1: Kalkaji Trunk Sewer Rehabilitation

Scope of project: Kalkaji Trunk Sewer Rehabilitation through CIPP method. The project involves survey, desilting, measurement, lining, testing, and restoration of two trunk sewer lines: 3100 mtrs using cured-in-place-pipe (CIPP) method. After completion of the project, the two sewer lines will be as good as new to last for over 50 years. Value = INR 160 Mn

Project 2: Refurbishment of Trunk Sewerage System in Delhi for sewer rehabilitation by Delhi Jal Board (DJB)

Scope of project: The Refurbishment of Trunk Sewerage system through diameter of pipe 1676 mm of 7040 mtrs length. Value = INR 690 Mn



Project 3: Refurbishment of Trunk Sewer System and Implementation of related works in Delhi

Scope of project: The Refurbishment of Trunk Sewer system and implementation of related works in Delhi Package 5- Rehabilitation of Jail Road Trunk Sewer by CIPP structural lining method: Diameter of pipe 1828 mm, 1676 mm & 1422 mm, of length 2837 mtrs, 1774 mtrs & 2179 mtrs respectively. Value = INR 690 Mn

Project 4: Refurbishment of Oval Shaped Barrel for New Delhi Municipal Council

Scope of project: The Refurbishment of pipe of diameter 838X940 for a length of 1300 metres on Ashoka Road near Prime Minister's Residence. Value = INR 84 Mn



Wet Out Process In Progress



Desilted Jail Road Sewer



After Liner

Installation of CIPP liner for West Delhi Sewer - The largest CIPP shot ever completed in India

The alignment of West Delhi Sewer (WDS) from manhole WDS-10 to WDS-18 lies in the center of the right side of Najafgarh Road, thereby making it difficult for conventional sewer rehabilitation. Therefore, a Cured-In-Place-Pipe (CIPP) shot was proposed between WDS-12 to WDS-15 (200 meter length) - the largest CIPP shot ever completed in India. The implementation of the project required consent from the authorities in order to divert the traffic and isolate the stretch by providing barricades and caution boards. The line was de-silted thoroughly with the help of de-silting machines and sewage was diverted using pumps. After which a pre-rehabilitation CCTV/photographic survey was carried out in order to assess the structural defects. The sewer line was ready for installation of the CIPP liner.

Arrangement for the installation of liner over the manhole commenced two days prior to the actual work, all equipment - static mixers, resin, felt and other safety devices were carted to the site. The installation of the liner over the hole from WDS-12 to WDS-15 commenced on 16/06/2009 at about 23.00 hours and completed on 17/06/2009 at 5.30 hours. The SPML - Insituform crew worked with extreme efficiency and accuracy round the clock. The details of the material used is as under:

1. Water: 5 lac liters.
2. Resin: 90000 liters.
3. Felt (39mm thick): 234 meters.

DJB's CEO Visits CIPP Lining and Wet Out Plant at Insituform

Recently, the Chief Executive Officer of Delhi Jal Board (DJB), Mr. Ramesh Negi, IAS along with Member Water & Drainage, Mr. R K Garg, Chief Engineer, Mr. V K Bhabbar and Superintending Engineer, Mr. R S Tyagi visited Insituform's CIPP Lining and Wet Out Plant. They also visited the sites to see the desilting work being done at West Delhi Sewer Rehabilitation. They were very happy to see the latest state of the art technology, machineries, and dedication of the Insituform team in carrying out the sewer pipe rehabilitation project.



Client Speak

"The plant set up, quality central checks/measures, disciplined working atmosphere are impressive. The firm is setting up higher standards of quality work which I am sure will bring a good name to DJB. Wishing all the very best"

Mr. B M Dhau, Chief Engineer (DJB)

SANKALP @ SPML

Resolve To Change, Strategize, Optimize & Realize



Harvesting technology Enterprise-wide SAP roll out

Sankalp@SPML - Strategize, Optimize & Realize; Because we believe in customer delight

SPML has re-iterated its continued commitment towards excellence in project delivery and management; Towards this, the organization is at an advanced stage of SAP ERP implementation across its offices and project sites in the country.

SANKALP@SPML is part of a larger vision to ensure that the organization seamlessly transcends into the next level of operational and performance efficiency, thereby creating value to all its stakeholders, with a clear focus on enhanced client satisfaction.

Objectives of the implementation

- ▶ Standardize Business Processes across the organization
- ▶ Ensuring the business transformation in a process driven company
- ▶ Monitoring of related planning, party transactions - all affiliates and subsidiaries
- ▶ Reduce the cycle times of various transactions by automating complete process flow
- ▶ Budgeting, Planning, Scheduling & Monitoring of projects and its resources
- ▶ Proper insight into various site activities - to build a responsive supply chain based on data integrity
- ▶ Better visibility of material requirements to suppliers - ensuring a faster response
- ▶ Ensuring the scalability of SPML's business model to all geographical areas in terms of developing a robust IT infrastructure to aid informed decision making
- ▶ Maintain transparency and control on transactions with role based authorizations by mapping "Right Transaction by Right Person"
- ▶ Consolidated financial statements - for different legal entities adhering to all compliances
- ▶ Management dashboard for monitoring business health anywhere / anytime
- ▶ Provide analytical based graphical reports to senior management for better visibility and decision making

The Implementation will see unlimited business benefits:

- ▶ Improved alignment of strategies and operations
- ▶ Improved productivity and insight
- ▶ Reduced costs through increased flexibility and enhanced planning
- ▶ Support changing industry requirements
- ▶ Reduced risk
- ▶ Improved financial management and corporate governance
- ▶ Optimized IT spending
- ▶ Retention of top performers by adapting role based accountability
- ▶ Access to enterprise information
- ▶ Business consolidation and monitoring through management cockpit
- ▶ Scalability, Flexibility and Reliability to manage future growth plans

The chosen solution: SAP ERP 6.0

Enterprise Resource Planning (ERP) software from SAP

This application lets the people work more quickly and cost effectively by connecting them directly to the business processes and delivering the information and capabilities they need to make decisions and take action.

Initiative Motto:

Project Management & Delivery Excellence Ensuring Enhanced Client Satisfaction

Convenience unlimited

Empowerment through e-payments

- ▶ SPML Technologies' Any Time Payment services has won accolades across the states of Karnataka and Chattisgarh
- ▶ SPML rolls out ATP system in Gujarat; empowering electricity consumers with ePayment options
- ▶ Plans have been firmed up to expand service network to 1000 ATP machines by 2012 providing e-payment support to state electricity boards, telecom, transport and water service providers
- ▶ SPML Technologies' consumer base is growing with addition of 1 lakh users month-on-month, current base is 16.4 lakh consumers



SPML Technologies operates under Build-Own-Operate-Maintain (BOOM) model. Revenues are generated on fee per transaction basis. SPML Technologies has recorded over 2.5 Crore transactions since its launch in 2007. It has extended its services to Bharat Sanchar Nigam Limited (BSNL) and Bangalore Metropolitan Transport Corporation, apart from the core user Bangalore Electricity Supply Company Limited (BESCOM). SPML has also launched pilot programs for Indian Railways Catering and Transport Corporation (IRCTC).

The first phase of roll out in Gujarat was completed with the installation of 43 ATP machines through a tie-up with all the 4 state distribution agencies. The allocation of ATP's include 7 kiosks for Dakshin Gujarat Vij Company Limited (DGVCL), 19 for Madhya Gujarat Vij Company Limited (MGVCL), 10 for Paschim Gujarat Vij Company Limited (PGVCL) and 7 for Uttar Gujarat Vij Company Limited (UGVCL). Apart from the convenience of anytime (24x7x365 days) payment within a shorter radius, multiple payment options such as cash/cheque/DD, credit/debit card will be provided.

ATPs are user-friendly machines that act like virtual employees, collecting and delivering information quickly and consistently without human interaction and is currently configured to accept electricity bill payments, telephone bills, mobile bills, credit card bills, pay insurance premiums, daily passes, issue of monthly passes, rail e-tickets etc.

About SPML Technologies Limited

SPML Technologies Ltd, a subsidiary of Subhash Projects and Marketing Limited [SPML] was established to provide value driven technology enabled solutions. A premier ISO 9001:2000 certified technology driven company, providing superior, practical, viable and cost-effective options to customers enabling them to focus on their core business.

SPML makes it's presence felt at SIWW

SPML participated at the Singapore International Water Week (SIWW) held at the Suntec Singapore International Convention and Exhibition Center between the 21st to 26th June 09.

The SIWW is a global platform that brings policy makers, industry leaders, experts and practitioners together to address challenges, showcase technologies, discover opportunities and celebrate achievements in the water world. The theme for this year's event was "Sustainable Cities - Infrastructure and Technologies".

The show provided an opportunity for the SPML brand to be visible on an international podium - the event was a success in every sense of the word with positive business interactions and meetings. The SPML stall positioned strategically in front of the Business Forum Hall attracted a lot of delegates and the SPML water vertical slogan "SPML - TOTAL WATER SOLUTIONS PROVIDER" was appreciated by all.

Successful meetings were held with leading companies and utilities at the event, apart from a host of other one-on-one meetings on a parallel track.

The Event was graced by the following honourable ministers and officials from Government of India:

- ▶ General (Retd) J. J. Singh, Hon'ble Governor of Arunachal Pradesh
- ▶ Shri Lal Thanhawla, Hon'ble Chief Minister of Mizoram
- ▶ Shri Mahipal Maderana, Hon'ble Minister, Water Resources, Rajasthan
- ▶ Shri Ashwini Kumar Choubey, Hon'ble Minister, PHED, Bihar
- ▶ Shri S. Hiato, PHE Minister, Mizoram
- ▶ Shri Ram Lubhaya, Principal Secretary, Water Resources & PHED, Rajasthan



Key meetings were held and extensive presentations made to all the Ministers and Government officials, followed by project specific presentations to Shri. Mahipal Maderna, Hon'ble Water Resource Minister, Shri. Ram Lubhaya, Principal State Water Resources Secretary and Shri. MKML Joshi, Chief Engineer, PHED.

Relationships were established with leading technology and innovation companies.

Overall, a very eventful conference - an opportunity to showcase our proven experience and capabilities, share ideas on best practices, re-establish our association with existing clients and explore avenues of new partnerships, alliances and technology/innovation synergies.

The team for the SIWW conference and exhibition was led by the SPML leadership.

Our stall at Singapore International Water Week (SIWW)





Seen in this photograph: Mr. Ram Lubhaya, Principal Secretary, Water Resources & PHED, Rajasthan, Mr. Mahipal Maderana, Hon'ble Minister, Water Resources, Rajasthan, General (Retd) J. J. Singh, Hon'ble Governor of Arunachal Pradesh, Mr. Lal Thanhawla, Hon'ble Chief Minister of Mizoram, Mr. Sushil Sethi, MD, SPML, Mr. MKML Joshi, Chief Engineer, PHED, Mr. Rishabh Sethi, Director, SPML and Mr. Ashok Natarajan, MD, Hydro Comp Enterprises India (P) Ltd.

Seen in this photograph: Mr. Anil Sethi, Chairman, SPML along with Mr. PK Charankar, Dy. Municipal Commissioner (Spl Eng), Municipal Corporation of Greater Mumbai.



Seen in this photograph: Mr. Anil Sethi, Chairman, SPML and Mr. Ashok Natarajan, MD, Hydro Comp Enterprises India (P) Ltd. along with Mr. Praphant Asava-Aree, President & CEO, East Water, Thailand.



By
Dr. Noopur Sethi, MBBS

Heart is one of the most important organs in our body. Without it, we are lifeless. Hence, to ensure our well-being and health of our body, proper and early attention should be given to our heart. Today's busy and urban lifestyle is one of the major factors of increasing heart disease. The increasing demand of performance and living under stressful conditions, young generation is fast catching up with heart problems.

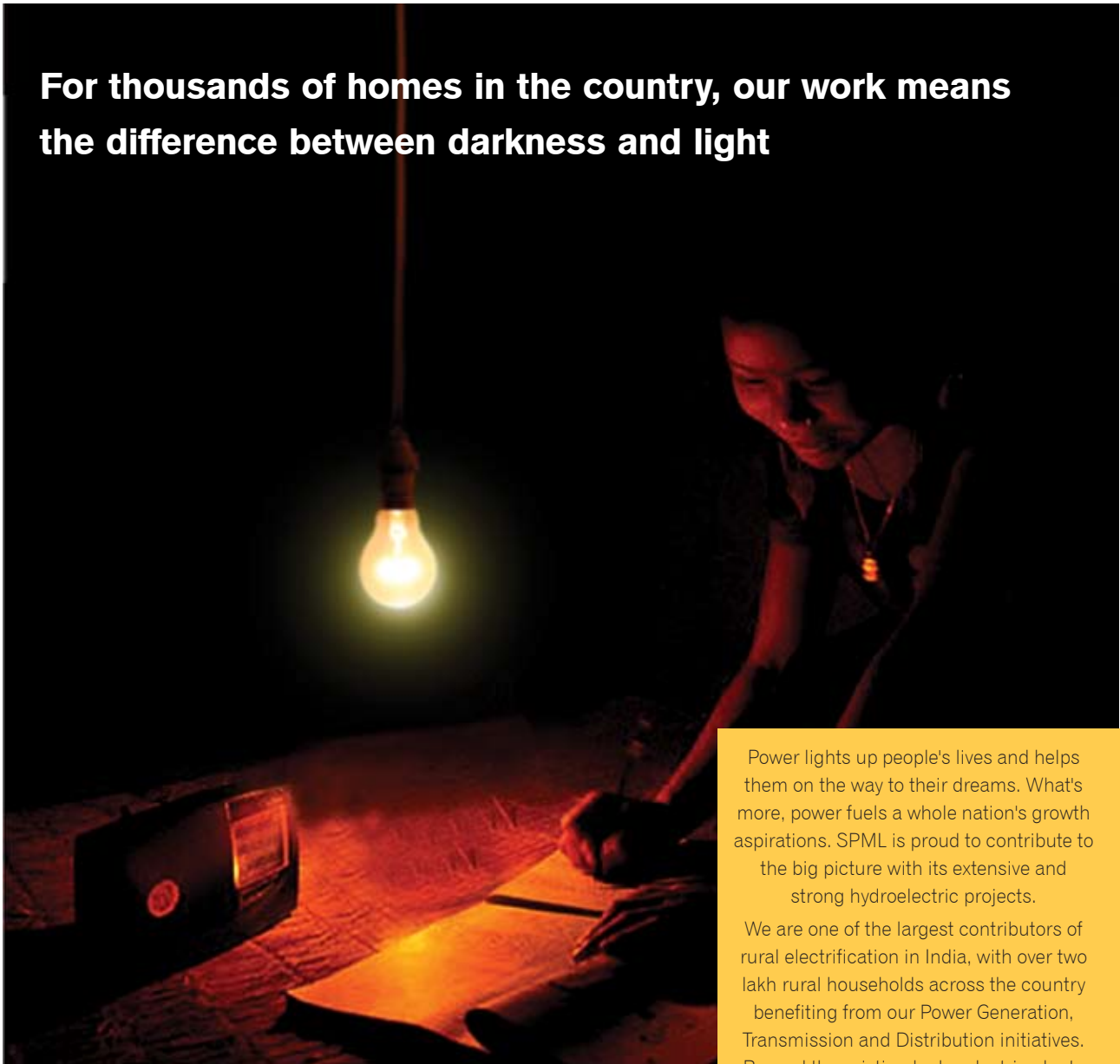
Heart attack makes the main cause of death among the people in developed countries and developing countries. The fact is heart attack cannot be avoided. The thing is, we should care for our heart starting from now.

10 Easy tips for Healthy Heart

- Water for a Healthy Life- Water is our body's principal chemical component, comprising of average 6 percent of our weight. Every system in our body depends on water. (On an average an adult needs minimum of 1.5 litre per day)
- Reduce consumption of salt in your daily diet- Avoid high salt content food items- such as Pickles, Papad, Chutneys, Salted Curd, Salted Salad, Canned soups. (Ideally Salt consumption should be less than 5gm/day).
- Eat Fresh vegetables; maintain a healthy diet regime. Vegetables like celery, tomato, carrots, saffron and broccoli to be included in the daily meal. Avoid the street food as it contains unhealthy oil and fatty acids.
- Touch and be touched. Many scientific studies have shown that people who were touched lovingly everyday had significantly fewer heart problems than the control group.
- Avoid restrictive diets. Frequent dieting, fasting, binging and purging imbalance your electrolyte levels, causing weakening of the heart muscle and damage to the heart.
- Eat as much as you want of whole grains, vegetables, beans, greens, fruits, seeds, and yogurt. Go easy on nuts, cheese, and milk.
- Drink lemon balm tea. It is so strengthening to the heart that there's an old saying about it: "Those who drink lemon balm tea daily will live forever!"
- Maintain ideal weight- carrying a lot of extra weight as fat can greatly affect our health and increases the risk of life threatening conditions such as coronary heart disease and diabetes. If overweight or obese, start by making small, but healthy changes to what you eat and try to become more active.
- Get blood pressure and cholesterol levels checked regularly. People with high blood pressure run a higher risk of having a stroke or a heart attack. It is ideal to monitor the blood pressure daily and report if there is any change in the reading. Keeping the blood pressure on the lower side helps to decrease the strain on the heart.
- Be physically active - The purpose of an exercise program is to maintain or gradually increase the strength and endurance of heart and other muscles. Gradually increase the exercise program that may include a variety of aerobic activities, such as walking, swimming and cycling.

Dr. Noopur Jain Sethi - A successful MBBS graduate from Kempe Gowda Institute of Medical Sciences, Bangalore, is focused towards creating an awareness amongst people towards better life style management to ensure overall well being. Her other interests are Bharatnatyam and other Indian classical dance forms. She plans to pursue her post graduation in medicine from Delhi.

**For thousands of homes in the country, our work means
the difference between darkness and light**



Power lights up people's lives and helps them on the way to their dreams. What's more, power fuels a whole nation's growth aspirations. SPML is proud to contribute to the big picture with its extensive and strong hydroelectric projects.

We are one of the largest contributors of rural electrification in India, with over two lakh rural households across the country benefiting from our Power Generation, Transmission and Distribution initiatives. Beyond the existing hydro-electric plants under operation, SPML group is in the process of developing and constructing small Hydro Power projects up to 200 MW capacity in the states of Karnataka, Himachal Pradesh, Uttarakhand, Bihar and other north eastern states.

SPML is one of the nation's leading infrastructure development and engineering organizations with more than 27 years of EPC contracting experience in water, power, environment and infrastructure. Today SPML has diversified into ports, SEZs, urban infrastructure and solid waste management through BOOT/PPP schemes.



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