

Nature:

Always Worshipped.
Leveraged. Celebrated.
Now's The Time
To Conserve



We are inspired by our guiding light

Shri Punam Chand Sethi

Chairman Emeritus

“Swarna Seedhi Aarohan” (Ascending the Golden Ladder) ceremony
29th Nov, 2009

“It’s said that “Families are made up of pearls, all alike yet individual, strewn together by a common twine, sparkling together, shining bright and making a difference to the neck that adorns it”. In today’s changing world, the eternal values of family has to be treasured and cherished...

It is in this spirit, that the “Swarna Seedhi Aarohan” (Ascending the Golden Ladder) ceremony, was celebrated - a moment of pride and joy for Smt & Shri P C Sethi, Respected Founder & Chairman Emeritus, SPML, on becoming great grand parents; the dawn of a new horizon that emerges through Dev Sethi, son of Smt & Shri Deepak Sethi (son of Smt. & Shri. Anil Sethi - Chairman, SPML). 29th Nov 2009 was indeed a special day as it marked the first birthday of Dev Sethi.

The occasion was graced by the presence of family, friends, esteemed clients and revered stakeholders. It was a moment to celebrate together, the oneness of family and the inspiration that all of us derive from this togetherness.

Our Chairman Emeritus, Shri Punam Chand Sethi, celebrated his birthday on January 29, 2010. All SPMLites and stakeholders wished him an eventful day with good health and happiness always.

**SPML wishes all its revered stakeholders
a very Healthy & Happy New Year**

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Copenhagen - December 2009 - Climate Conference

One common thread that held the nations together in the midst of innumerable hours of discussions was that prevention of global warming and climate changes was everybody's responsibility. Now's the time, to take a proactive step for a safe tomorrow.

Greetings from SPML!

"A dream, you dream alone is only a Dream. A dream you dream together is Reality".

As a preferred infrastructure partner of many summers, it gives us immense happiness to inform that **Our Chairman, Mr. Anil Sethi has been conferred with the Asia Pacific Award as an Outstanding Entrepreneur by Enterprise Asia**, honouring his leadership and enterprising - dynamic contribution to world of business and Indian Infrastructural development.

Further, SPML has been conferred with the "Annual Construction World Award" as the 'Fastest Growing Company - Large Category - Rank 1' for the year 2009.

Clocking a growth rate of 52.41 % over the last 5 years, our company was acknowledged as the fastest growing construction company in India. This is the second time that SPML is receiving this award. SPML had previously been awarded the Fastest Growing Construction Company in India, in the 'large category' at the Fifth Construction World - NICMAR Awards 2007. This is yet another accomplishment for SPML after it had won **the 'Annual Enerbia Award '08' for "Excellence in Project Management in Hydro Power Sector (SHP)" last year.**

To give you an insight into our day-to-day operations - the issue covers an update on few of our projects across the domains of water, power, infrastructure and environment. While sharing the progress of our organization, this is also an opportune moment to thank all our stakeholders for their unrelenting and wholehearted support, which is a catalyst in SPML's journey towards continued excellence and growth.

At SPML, we stand inspired and look forward to our continued association and mutual aspiration to build together, a future which ensures sustainable development in the years to come.

Thank you

Subhash Sethi
Vice Chairman
SPML



Moving to New Horizons....SPML Delhi has a new office

Striving towards excellence and business consolidation, SPML has achieved a new milestone by opening a swanky - Corporate Office Tower in the Millennium City, Gurgaon in Sector 32.

The new office was inaugurated on 5th February 2010 by our Chairman Emeritus, Shri. P C Sethiji in the presence of our Vice Chairman, Managing Director, Directors and Sethi family. All employees of SPML, DWM, PCS and others, also joined the inauguration ceremony.

The total built up area of the new office is more than 50,000 square feet with a parking facility for over 200 cars. The modern architecture is housed with all the state-of-art facilities.



The new office address:
SUBHASH PROJECTS AND MARKETING LIMITED (SPML)
Plot No. 65, Sector-32, Gurgaon - 122001



Outstanding Entrepreneur Award Asia Pacific – Enterprise Asia Mr. Anil Sethi, Chairman, SPML



Our Chairman, Mr. Anil Sethi was conferred with the Asia Pacific Outstanding Entrepreneur Award - By Enterprise Asia, a non-government organization in pursuit of entrepreneurship development across the Asia Pacific region.

The Outstanding Entrepreneurs Award recognizes leaders who have shown outstanding tenacity, perseverance and courage in the business. The Award was conferred at a Grand Event in Mumbai on the 16 December 2009. The award was given based on the findings of an International Advisory Panel.

The award is a testimony of the entrepreneurship journey of our Chairman.

On the occasion, Chairman was quoted "I would like to thank all our stakeholders - esteemed clients, banks, partners, supply chain & team members for their support in driving SPML's success story. Our purpose has always been to fulfill the vision of our company - build world class infrastructure with passion and innovation to make human life comfortable. It is our constant endeavor to contribute towards the well being of the people of our country."

Rank 189 up from Rank 329 in the Top Business Companies List - *Business India*



Rank 104 - Best Performing 500 Mid-Sized Companies in India - 2009 - *Inc. India*



**SPML received “Construction World Annual Award - 2009”
As The Fastest Emerging Infrastructure Development Company (Large Category)**

Mr. Pradeep Jain, CEO, SPML Engineering Initiative receiving the award from Shri Kamal Nath, Hon’ble Union Minister for Road Transport and Highways.



The award was conferred at the 7th Construction World Annual Awards 2009 presented at a grand function held in Mumbai.

A great recognition from one of the most reputed media house/ publication in the Infrastructure development and construction industry - “Construction World”.

Our company’s selection is a prestigious accomplishment as the mathematical model drawn by Construction World, covers financial figures for the last six years of companies across this industry, which is then vetted by a panel of industry experts.

Key Highlights of Construction World Annual 2009

- The only business report on the financial performance of the construction industry
- Financial data of more than 150 companies

ET 500

**Further, SPML has been rated as one of India’s Biggest Companies
ET - 500 (Economic Times - Top 500) - 2008 -09**

Thanks again for being the catalyst of our dreams and a constant source of inspiration.

NEW WINS

New Business Wins are always a motivator, as we surge ahead and reiterate our objective and passion in all endeavours towards the larger vision of nation building and creating a difference in the lives of people. An indicative list of the recent wins:

- **SPML secures INR 211.95 crore worth contract from UP Jal Nigam for providing Sewerage Network and construction of Sewage Treatment Plant for Kanpur city under JNNURM**

The project involves providing sewerage network and construction of sewage treatment plant for Kanpur city on turnkey basis. The scope of work includes Survey, Soil testing, design, supply & construction, installation, commissioning of 130 Km long sewerage network which includes branch, main and trunk sewers (R.C.C. / D.I. pipes ranging from 150 to 1800 mm dia), 42 MLD main sewage pumping station (MPS) and 42 MLD sewage treatment plant (STP) based on activated sludge process (ASP) at Karankhera in Sewage District - IV.

- **SPML secures INR 127.0 crore worth contract from Delhi Jal Board for providing Sewerage System at Preet Vihar, Delhi on Design, Build and Operate Basis. Construction of 53.5 MGD Sewage Pumping Station, rising main & other related associated appurtenant works at Preet Vihar, Delhi**

The scope of work involves design, construction, supply, installation, testing, commissioning, trial run, operation and maintenance for 10 years after 1 year Defect Liability Period of the complete works- comprising Tapping System for transfer of raw sewage from existing manhole of 2200 mm dia sewer to the inlet chamber of new raw sewage pumping station through a RCC channel with pre-cast RCC cover, shifting of gravity sewer of 800 mm dia connecting to inlet chamber of proposed pumping station, shifting of underground water pipelines in the premises, construction of 16 m deep 53.5 MGD Raw Sewage Pumping Station with submersible pumps including complete automation using DCS based software, providing and laying of a raising main of 1200 mm HDPE pipeline along with ancillary works, Interconnection of existing rising main, Construction of thross bridge over drain / road crossings, construction of sub-station, control room etc, with ancillary buildings and General Utilities.

- **SPML secures INR 150.71 crore worth project for Fabrication and Laying of Clear Water Transmission Main from T K Halli to J K Doddi including associated works and construction of Surge Tank at J K Doddi**

The project from Bangalore Water Supply and Sewerage Board involves fabrication and laying of Clear Water Transmission Main from T K Halli to J K Doddi including associated works and construction of Surge Tank at J K Doddi. The proposed Clear Water Transmission Main which is part of Cauvery Water Supply Scheme - Stage IV, Phase II of Bangalore Water Supply and Sewerage Board, commences from proposed T K Halli Pumping Station and runs up to the proposed Surge Tank at J K Doddi Village. T K Halli pumping station is about 90 Kms south-west of Bangalore in T K Halli village and J K Doddi is about 70 Kms south-west of Bangalore - NH-209. It also involves fabrication of MS Pipes with 2700 mm diameter.

- **SPML secures INR 61.97 crore worth consolidated order from C & DS, Uttar Pradesh Jal Nigam, Government of Uttar Pradesh for Allahabad Municipal Corporation, development of Integrated Solid Waste Management Facilities for Allahabad & Mathura Nagar Palika Parishad, U.P. under JNNURM respectively.**

The scope of work for the projects broadly include door-to-door collection of Municipal Solid Waste (MSW), primary storage of collected door-to-door MSW, secondary collection and transportation of waste including street sweeping waste, drain silt, development, construction and operation & maintenance of the waste processing facility with composting, development, construction and operation and maintenance of the sanitary engineered landfill, commencement of the collection and transportation services. The concession period for the projects shall be 30 years plus construction period of 8 months for both projects.

- **SPML secures INR 51.40 crore project from Government of Meghalaya, Office of the Chief Engineer, PHE Meghalaya, Shillong for WATER SUPPLY SCHEME PHASE - III under JNNURM**

The project involves survey, engineering, design and construction of 2 stages raw water pumping system, augmentation of the capacity of the existing water treatment plant, laying of clear water gravity main and feeder main pipelines, construction of clear water pumping system package associated with augmentation of water supply to Shillong Urban Centres for Greater Shillong Water Supply Scheme Phase - III under JNNURM.

COMMISSIONED PROJECTS

An insight into an indicative list of projects that have been commissioned recently; success stories that were definitely the culmination of the efforts and perseverance of all the stakeholders involved - esteemed clients, supply chain - vendors and contractors and our internal talent base.

Kathora Lift Irrigation Scheme

Client : Narmada Valley Development Authority
 Location : Kasrawad, Indore M. P.
 Scope of Work : Supplying, laying, testing and commissioning of MS Pipe line with guniting (1500 mm dia 6.8 Km, 1200 mm dia 8.5 Km, 1000 mm dia 5.12 km and 1100 mm dia 3.285 km) including fixing of 41 no. AIR Valve, 09 no Air Cushion Valve, 09 no. Zero Velocity Valve and 23 no. Scour valve, 35 MT ton steel and 2200 cum RCC work.



Ubrani Lift Irrigation Scheme

Client : Karnataka Neeravari Nigam Limited, UTP Zone, Shimoga, Karnataka
 Location : Ubrani
 Scope of Work : Design, supply, installation, testing and commissioning Lift Irrigation System for Ubrani - Amruthapura Multi purpose Lift Irrigation Scheme on Turn Key basis consisting of the following: pumping machineries, transformer sub-station, construction of diversion weir, intake arrangements, transition, sump/jack well cum pump houses, delivery of chambers, rising main, MS manifold, approach roads, service road, electrical works, EOT crane, supply of spare parts and tools for 1st stage, including operation of system for two years after the date of completion.

Bannahalihundi Lift Irrigation Scheme

Client : Cauvery Neeravari Nigam Limited, Mysore, Karnataka
 Location : T. Narasipura Taluk, Mysore District
 Scope of Work : Involves the design, supply, installation, testing & commissioning of Bannahalihundi Lift Irrigation Scheme in T. Narasipura Taluk, Mysore District. Construction of intake channel, sump well and pump house, pumps and accessories, indoor electrical station, outdoor sub-station, rising main, surge protection system, ridge cistern and secondary cistern.





Adikebommanahalli Lift Irrigation Scheme

Client : Cauvery Neeravari Nigam Limited, Gorur, Hassan District, Karnataka
 Location : Adikebommanahalli
 Scope of Work : Design, supply, erection, electrification, testing, commissioning, trial running and operation maintenance of 675 HP VT Pump sets and its accessories including civil works like construction of intake tunnel, jack well cum pump house, MS rising main and delivery system of Adikebommanahalli Lift Irrigation Scheme.

Honganur Hirekere Lift Irrigation Scheme (Kabini Right Bank Canal)

Client : Cauvery Neeravari Nigama Ltd. Mysore.
 Location : Honganur
 Scope of Work : Supply, laying and testing and commissioning of 1000 mm Dia PSC Pipeline work length of 1700 mtrs



Water Treatment Plant and Pumping Machinery Rehabilitation Scheme at Motijheel, Gwalior (ADB Project)



Client : Gwalior Municipal Corporation
 Location : Motijheel, Gwalior
 Scope of Work : 33 kV Indore Substation, changing of 10 nos 1000 cum/hr capacity Pumps with 400 HP Motor, 700 cum/hr 02 nos. pumps & 120 cum/hr 02 nos and control panel without interrupting the regular water supply of Gwalior city. Construction of New Pump House, Control Room, Sluice gate, Submersible pumps, Chlorination System (10kg and 04 kg) and 22 nos. Filter Bed maintenance. All the work was done without failure of water supply.

Electrical Sub-station Phase - III Scheme, Jalpaiguri under APDRP.

Client : West Bengal State Electricity Distribution Company Ltd.
 Location : Jalpaiguri
 Scope of Work : Construction of 4 (four) No. of New 33/11kV Sub-stations with 33/11 kV Lines along with 2 Nos augmentation of power transformers. 4 Nos of newly constructed 33/11 kV Sub-stations: - Bhogramguri, Sitai, Baxirhat and Ghughumari.



Reducing the pollutants in the River Yamuna - While Rehabilitating The Sewer Lines

SPML has been involved in numerous environmental engineering projects and initiatives thereby participating from a business and social perspective in ensuring better management of wastes & pollutants; thereby protecting our source of life - our rivers.

Insituform India Pipeline Rehabilitation Private Limited - An Update

SPML is involved in trenchless rehabilitation of sewer lines in New Delhi in collaboration with Insituform Technologies, Inc. The sewer lines in India are old and on the verge of failure, thereby posing a huge risk to the urban infrastructure. At several places major construction has been done over these sewer lines, thus making it difficult to dig and replace. Further more, there exists a complex network of several utilities - gas lines, water lines, telephone cables etc under the ground which can be affected if a sewer is dug. Trenchless technology has significant advantage over traditional methods as it is cleaner, faster and cost effective.



At present the Joint Venture between SPML and Insituform Inc is involved in rehabilitation of five major trunk sewer lines in New Delhi. These networks of sewer lines affect life of millions of people. **Rehabilitation of these sewer lines will reduce pollution in the river Yamuna and also reduce health risks for the residents of Delhi.**



- Starting from Motinagar and ending in Keshopur Sewage Treatment Plant **the West Delhi Trunk Sewer** is about 7 km long and is of 1676 mm diameter. Prior to rehabilitation, the sewer line was completely out of function. Delhi Jal Board had set up several pumping stations to pump the sewer into near by drains thereby letting the untreated sewer flow into the river Yamuna. 2.4 km of the pipeline has been rehabilitated with Cured-in-Place-Pipe (CIPP) Technology. Cleaning the pipeline was a major challenge as the line was choked with hard silt, further bricks and boulders made cleaning very difficult.
- Starting from Tihar Jail and ending in Keshopur sewage treatment plant, the **Jail Road Trunk Sewer** is about 6.8 km long and is of variable diameters ranging from 1422 mm to 1828 mm diameter. The pipe has missing joints and displaced pipes, making the sewer line inefficient. 3.9 km of the pipeline has been rehabilitated with Cured-in-Place-Pipe.
- Kalkaji Trunk Sewer** runs through the heart of South Delhi starting from the Savitri Cinema in Greater Kailash - II to Okhla Treatment Plant. The pipe had severe crown damage and was close to settlement. Part of the sewer line was completely choked, and sewer was pumped into nearby drains. The sewer line has variable diameters ranging from 600 mm to 1350 mm and is about 3.8 km long. About 1 km of the pipeline has been rehabilitated with Cured In Place Pipe. Recently about 670 m of rehabilitation was done in one week. It comprised of a 441 m CIPP shot of 1350 mm diameter, which till date is the longest CIPP liner ever installed in India.

Working Towards a Cleaner Madurai

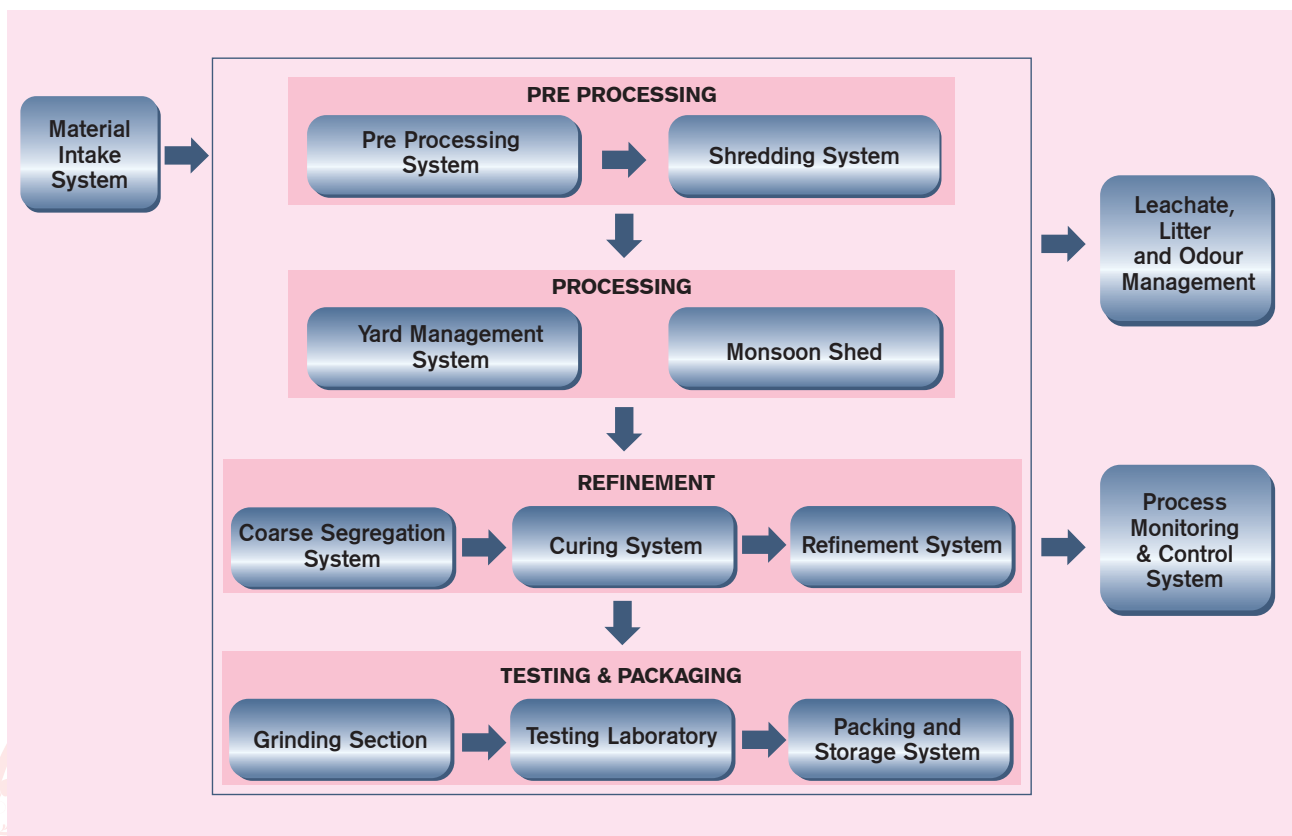
Effective solid/municipal waste management also means that these wastes are not being dumped into our rivers. A case instance of how we are proposing to manage the waste for Madurai Municipal Corporation.

Madurai has been identified as one of the cities for infrastructure development under Jawaharlal Nehru National Urban Renewable Mission (JNNURM). The project on “ Development, Construction and Maintenance of Integrated Municipal Solid Waste Processing and Disposal facility in Madurai on Public-Private-Partnership (PPP) mode” has been approved under JNNURM scheme of Govt. of India for grants from Central and State government. SPML has been selected as the concessionaire for successful implementation of the project.

For successful implementation of the project, a Special Purpose Vehicle, Madurai Municipal Waste Processing Company Private Limited (MMWPCL) has been formed. The broad scope of the project for MMWPCL includes design and construction of waste processing and disposal facility in a year and O&M of the project for the concession period of 20 years, after date of commissioning.

The project (Closure Site, Landfill Site & Compost Pad Area) has been progressing at the desired pace and as per schedule. Windrow composting plant for a rated capacity of 350 MT/day is proposed for Madurai. Segregated waste brought to the facility shall be inspected for final material recovery, shredded and grounded and then formed into windrows based on design recommendation. Aerobic composting is the process of degradation of biodegradable waste matter into simple organic compounds by certain micro organisms present in the air.

Complete process of compost plant:



Effective Solid Waste Management - Cleaner-Greener Delhi

Delhi Waste Management Company Limited (DWM) is growing strong year on year since its inception in 2006. It has witnessed a positive growth of 12% in the last financial year. It has managed (collected, segregated and transported) a total of 4.41 lac tonnes of garbage against 3.94 lac tonnes in the previous year. In October, 09 alone, it has lifted around 44 thousand tonnes of garbage against the previous 38 thousand tonnes in October, 08. Additional work of Door-to-Door collection of waste from household are likely to be added in the next quarter.

Leveraging the in-house manufacturing facility, 534 new Compactor Placer (CP) bins have been manufactured and more than 800 repaired for reuse. Apart from CP bins, 56 new Dumper Placer (DP) bins were manufactured and more than 200 old bins have been repaired for reuse in DWM workshop.

Towards modernization of waste management in Delhi, DWM proposal for new and ultra modern concept of underground waste collection bins of 5 cubic meter capacity was presented to MCD, NDMC and Lt. Governor of Delhi; which was appreciated and accepted. Today, DWM in association with Municipal Corporation of Delhi is in the process of implementing a pilot project to install several underground waste collection bins in its area of operations. These activities are a part of the preparation for the Common Wealth Games scheduled in Delhi during the month of October, 2010.

Renovation is a regular process that enhances and add remarkable character to the building. The waste storage depots, popularly known as Dhalaos, available at colonies and on main roads are the main points of waste collection and management. DWM is continuously renovating the existing old structures to make it look beautiful, user friendly and aesthetic.



Delhi Waste Management Limited (DWM): This Special Purpose Vehicle (SPV) is one of India's leading waste management companies, handling Solid Waste Management in Delhi for Municipal Corporation of Delhi.



Construction of 240 MLD Capacity Sewage Treatment Plant (STP) at Vasna, Ahmedabad , Gujarat

SPML is constructing Sewage Treatment Plant based on Conventional mode of treatment. i.e. Activated sludge process followed by Secondary Clarifier on Design Built and Operate Basis

At present in the city of Ahmedabad, the population covered under sewerage system is about 90%, while the area covered is about 75% of the total area. However, the sewerage treated is about 72% of the total generation. A few regions on the eastern side of the city still lack sewerage facilities, while in the peripheral areas, sewerage systems are yet to be developed.

It is proposed to build the STP in 4 Modules of 60 MLD each. Each module would have its own Primary & Secondary Treatment section plus Sludge thickening & digestion facilities. However, there would be common facilities for disinfection of biologically treated water, biogas collection & flaring, supernatant/filtrate collection & recirculation system, collection of digested sludge & digested sludge dewatering system along with common chemical preparation & dosing facilities.

This order was won by SPML in Joint Venture (JV) with UPL Environmental Engineers Limited from Ahmedabad Urban Development Authority (AUDA) towards Engineering, Procurement, Construction and Commissioning of 240 MLD capacity Sewage Treatment Plant at Vasna Site along with O&M of the Plant for three years under JNNURM Programme.



Out of 500 MLD sewage generated in Ahmedabad, 168 MLD is disposed off in Sabarmati River without any treatment. The 240 MLD STP will provide solace by eliminating a big portion of the sewage being infused into the river.

Wazirabad Project Progress

Scope of Work :-

Providing & laying Twin Raw Water MS. Gravity Main from Haiderpur to Wazirabad (Pipes: 3000 mm dia) with ancillary works enroute on design, build and operate (DBO) basis. Package II involves of Chainage of 6 kms from RTO Crossing to terminating point inside Wazirabad Waste Treatment Plant. Work on this project is 70% completed and expected to complete fully by first week of February 2010.



An Insight Into Our Projects

An update on few signature projects and the progress at the site... as the teams work day and night to meet the commitment and gift another milestone to the nation.

Japan Bank for International Co-operation (JBIC) funded project updates

JBIC Funded Bisalpur Jaipur Water Supply Projects (Transfer System) For PHED, Govt. of Rajasthan

The scope of work involves design, supply of equipment, construction, testing & commissioning of 3 pumping stations at Jawahar Circle, Mansarovar Park and Central Park in Jaipur city. The scope includes all civil, mechanical and electrical & instrumentation systems and O&M for 2 years.

Under another package of the same scheme SPML is leading the work of Western & Southern Transfer Mains comprising supplying, laying, testing & commissioning of various diameters of DI. and MS. pipes (about 75 Km total) with associated civil and mechanical works and subsequent O&M for 2 years. The work includes providing cathodic protection to about 40 km long pipeline as well.

A typical feature of the project is that 2 out of 3 pumping stations are below ground level located within public parks. The one at Jawahar Circle is specially a very large one having a 14.5 ML capacity clear water reservoir, about 23 m wide x 90 m long x 11 m deep pump house and an underground 33/3.3 kV substation housing 33/3.45 kV dry type transformers. Planning, designing and constructing this deep PS. within available constrained working spaces has been very challenging which we have almost accomplished and the station has already been partially commissioned.



Lighting up the Commonwealth Games - An Update

25 MGD Effluent Pumping Station at Rithala

SPML is setting up 25 MGD capacity pumping station at Rithala STP, for Delhi Jal Board, including twin transmission lines. 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.

Project Progress: SPML has worked relentlessly on the project ever since it was awarded; a dedicated team of engineers and domain experts have ensured that the project is progressing as per schedule.

Salient features of the scheme

- The scheme has been conceived to utilize the treated sewage water which at present is being discharged to the nearby Nallah
- Construction of bridge having a single span of 40m across the supplementary nallah to pass the transmission lines
- Trenchless piping (150m approx)
- Crossing of western Yamuna canal through a tunnel
- Magna Drive coupling for pump set is being used in India for the first time, it saves electricity upto 20%
- Completion Time - 11 months including 2 months trial period

SPML Infrastructure Facilities - PSC Pipe Manufacturing Plant at Gangapur.

SPML manufacturing unit near Gangapur city in Rajasthan, is a fully equipped state-of-the-art facility for production of Pre-stressed Concrete Pipe (PSC). The choice of location has been made after careful consideration of the advantages and facilities available. The linkage between the manufacturing unit and the market potential in nearby location owing to a large number of new water supply, irrigation and developmental projects taken up by the Government Authorities, is an opportunity for the plant. The unit manufactures pipes of diameter varying from 400 mm to 1500mm - with a standard length of 5m.

SPML Industries Limited, made an earnest beginning in the year 1989, manufacturing Pre-Stressed Concrete (PSC) and Mild Steel (MS) Pipes to meet the growing demand of water supply and irrigation sector. SIL is well positioned to manufacture and supply PSC, MS pipes and Reinforced, Plain & Pre-stressed Cement concrete (RCC, PCC & PSC) poles, through its high-end manufacturing units.

Product Portfolio

PIPES

Pre - Stressed Concrete (PSC) Pipes as per IS 784

Range : 400 mm dia to 1600 mm dia

Mild Steel (MS) Pipes as per IS 3589

Range : 400 mm dia to 2500 mm dia

Hume Steel Pipes as per IS 1916

Range : 400mm dia to 1200mm dia

Pipe Specials as per IS 7322

Cement Mortar lining of Steel Pipes & Fittings

APPLICATION

- Potable water mains
- Irrigation water mains
- Industrial waste water/Sewage mains;
- Storm & drain water lines (force & gravity mains)
- All pumping and gravity mains
- Re-circulation and cooling water pipe lines for plants like Thermal Power, Chemicals, Cement, Fertilizer, Paper, Refineries etc.,
- Culverts

POLES

RCC Poles as per IS 785

Range : 8, 9 & 11 Mtr

PCC & PSC Poles as per IS 1678 & IS 1343

Range : 8, 9 & 11 Mtr

APPLICATION

- Power Transmission Lines
- Telecommunication Lines



Manufacturing Process of Pre Stressed Concrete (PSC) Pipes at SIL

PSC pipes are manufactured with centrifugal horizontal spinning method:

- Longitudinal Pre-stressing
- Batching and mixing of concrete
- Spinning
- Demoulding
- Core Curing
- Winding
- Coating
- Curing
- Hydrotesting

The PSC pipes are subjected to hydrostatic pressure tests, after curing, by using a specific testing machine. The test follows the quality assurance tests:

- Regular testing of incoming raw materials and components
- Well-equipped laboratory tests, the green and hard concrete that goes into the production of pipes

Manufacturing process of Mild Steel (MS) Pipes at SIL

The MS pipes are manufactured under high pressure and undergoes the following process:

- Plates's visual inspection for Surface defects
- Layout Marking & Cutting
- Bending & Rolling
- End Facing & Beveling
- Fit-up
- L/S & C/S Seam joints welding
- Hydrotesting

The MS pipes are subjected to hydrostatic pressure test, after welding, by using specific tests machine. The test follows the quality assurance tests:

- Regular testing on plates like Bend test & Tensile test
- Face and Root test for welding strength
- Ultrasonic & Radiography for welding fusion
- Dimensional tests

Update on EPC Power Initiatives

Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY)



Electricity is a critical element for the progress of a developing nation and India for years, has given priority to it. It is imperative for us to make the electricity available throughout and to make it come true; Rajiv Gandhi Grameen Vidyutikaran Yojana has been formulated and is being implemented in phases.

The salient features of this scheme are:

- Drawing 11 kV/440 Volts / 220 Volts lines across villages not having electricity and creating an infrastructure for the existing households to receive electricity
- In villages where power infrastructure already exists but new hamlets have come up around it, extension of lines will be done to ensure availability of electricity
- Households which fall below the poverty line to be provided electricity free of cost
- Based on the above mentioned report and after scrutinizing the details supplied by the State Electricity Boards necessary funds are allocated. States receive funds after the progress of the scheme at various stages has been reviewed.

SPML has successfully implemented the rural electrification under the scheme in Bangalore Rural, Tumkur, Kolar and Chitradurga, with successful completion of over 4 projects in the last 3-5 years.



Project Highlights

- Electricity infrastructure to rural areas with electricity connection to over 1,44,432 Below Poverty Line (BPL) households
- RGGVY work completed in the shortest duration - (Commenced in Oct 07 and completed by Sep 09)

Rural Load Management System Initiatives

As part of the initiative of the Government of Karnataka to provide continuous, uninterrupted power supply to rural area, SPML was awarded the implementation of Rural Load Management System by Hubli Electricity Supply Company Limited. The project involved execution of the Rural Load Management System with five years maintenance in Ranebennur and Ghataprabha O&M Division for 18 nos. and 27 nos. of feeders respectively on Total turnkey basis.

The project is of extreme importance considering the increasing demand for power in rural areas.

Project Highlights

- To reduce distribution system losses and improve Voltage Regulation.
- To facilitate energy audit in distribution system more effectively.
- To provide quality power supply to IP sets as per the policies of the Government of Karnataka from time to time and 24 hours continuous power supply to other category of consumers.





Reconductoring Project 11 kV Lines

Today one of the major concerns in the power sector, is the inefficient power distribution system. With the intention to improve the same, Gulbarga Electricity Supply Company Limited (GESCOM) & Hubli Electricity Supply Company Limited (HESCOM) floated tenders to replace the Weasel / squirrel ACSR conductor by Rabbit ACSR conductor for the existing 33 kV & 11 kV lines. SPML was awarded this contract and has successfully implemented the same and is in 2nd phase of the implementation.

Project Highlights

GESCOM

Record re-conductoring in the year 2008-09 - 2643 kms
Record re-conductoring in the year 2009-10 - 1287 kms (In progress...)

HESCOM

Total length of 33 kV line: 1st Phase completed 231 kms;
2nd Phase target - 165 Kms, completed 105 kms



Update on Power Projects

Civil & Structural works associated with main plant & offsite package for Bongaigaon Thermal Power Project (3x250 MW)

Client : National Thermal Power Corporation

Location : Salakati, Dist: Kokrajhar; Assam

Status of work

- Pile cap & foundation for boiler & ESP for 1st unit completed & handed over to BHEL for further work
- Piling work for chimney completed & handed over to Gammon for substructure work
- CW pump house raft - PCC completed & reinforcement for RCC is in progress
- Civil works in other fronts like fire water tank, fire water pump house, ancillary boiler have been taken up
- Structural fabrication is in progress & erection work in the power house has started



The Project involves construction of complete civil/structural works: Main Power House (Unit 1,2,3), Transformer Yard, Service / Control Room Building, Compressor House, DG Set Building, DM Water Pump House, CW Pump House with Civil, Structural and Architectural Works, CW Channel, CW Intake Duct, a host of Civil Works and complete offsite buildings.

- Number of Piles - 8550 Nos.
- Quantity of Excavation - 10,20,000 Cum
- Quantity of Concreting - 3,60,000 Cum
- Quantity of Structural - 38,500 MT
- Quantity of Road Work - 20 KM

Civil & Structural works associated with main plant & offsite package for Korba Thermal Power Project (1x500 MW Stage: III)



Client : National Thermal Power Corporation
Location : Jamnipali, District: Korba, Chhattisgarh
Status of work :

- Power House work nearly completed except finishing works like false ceiling, insulation etc. Fronts handed over to other contractors for carrying out their equipment erection work
- CW Pump house work is completed & front handed over to the other contractors
- Most of the front for pipe / cable rack & galleries are handed over to other contractors for laying of pipes & cable
- Most of the other fronts are handed over & NTPC is contemplating the boiler light-up in December'09

Station Piping Package for Simhadri Super Thermal Power Project, STAGE - II (2x500 MW)

Client : National Thermal Power Corporation
Location : Simhadri, Vishakapatnam

Status of work

- The first mile stone of inter connection between Phase - I & Phase - II is completed at Jetties area
- Major supply of materials are completed
- Cross Country Pipe line laying are under progress
- Total Progress of the Project up to the month of December'09 was 20% of the total project effort



Ash Water Recirculation System Package for Barh Super Thermal Power Project (3x660 MW)



Client : National Thermal Power Corporation
Location : Barh, District: Patna, Bihar
Status of work :

Moving at a fast pace this project involves design, engineering, manufacture, civil works, inspection, supply, erection, testing & commissioning and performance & guarantee testing of the equipment & system comprising mainly -

- 4 nos. Ash Water Re-Circulation Pumps - 1,100 m³/hr., 60 MWC
- Ash Water Pipeline - 800 mm NB x 8 mm x 8,500 Mtr. long.

Raw Water Make up System from Panchet Dam Reservoir to Santaldih Thermal Power Station under WBPDCCL (3x250 MW)

A Matter of Pride: SPML is proud to be associated with this project which was integral to industrial resurgence in West Bengal. Problems regarding right of way of the pipeline (12,000 MT), which spans over nearly 25 villages were effectively sorted out and the project was successfully undertaken against the sudden and unprecedented rise of 6 metres in water levels.

Client : The West Bengal Power Development Corporation Limited (WBPDCCL)
Location : Santhaldih, West Bengal
Status : Completed and commissioned in 2002

Scope of Work:

Intake Structure | Water transmission conveyance through Twin Pipeline System | Switchyard and Sub Station Building | Transmission Line | Roads.

Raw Water Makeup System:

- Turnkey execution of intake & pump house
- Raw water transmission main
- MS pipeline - 54 Km of 914 OD
- Transmission Line - 27 KM
- 33 kV / 6.6 kV switchyard & substation
- Bituminous Macadam Road - 27 KM
- Voice communication system - along the 27 km stretch pipeline



Update on Hydel Energy Generation Initiatives

Energy fuels growth - SPML leads in reliable, clean & renewable energy generation. SPML is spearheading, executing and managing high-value projects in the Energy sector, on a Public Private Partnership (PPP) & Build-Own-Operate-Transfer (BOOT) basis. With over 30 ongoing projects, across various states in India, SPML is a premier Mini-Hydel energy generation and management company, focused on managing energy needs of consumers.

SPML undertakes:

- Setting up, operation and maintenance of new hydro power plants
- Modernization & upgrading of existing hydro power plants

Project Status:

Iqu Power Company Private Limited - Hydroelectric Project across Iqu Khad expected to be completed by March 2010, 80% of the civil work has been completed with around 90% of E & M supplies completed. Available materials are being mobilized to site for erection. The Switch Yard & Transmission Line work is also in progress.

Neogal Power Company Private Limited - Hydroelectric Project across Neogal Khad expected to be completed by June 2010, as of now 70% of the civil work has been completed along with 80% completion of the E & M supplies. The work for switch yard and transmission lines is in progress.

Awa Power Company Private Limited - Hydroelectric Project across Awa Khad expected to be completed by July 2010, 65% of the civil work of the project and 85% of the E&M supplies have been completed. The work for common Pooling Point for all 5 projects, switch yard & transmission Line is in progress.

Luni Power Company Private Limited - Hydroelectric Project across Luni Khad expected to be completed by August 2010, 50% of the civil work and E&M Supplies has been completed. The work for Switch Yard & Transmission Line is in progress.



Kabini Mini - Hydel Power Plant - Crowning Glory

Project Capacity - 20 MW, Annual Generation - 65 MU

Overcoming enormous geological challenges, the project was completed in a record 20-month time frame. An eco-friendly, non-polluting project that taps surplus water which otherwise would not have been utilized. The plant ensured improved electrical system stability, reduced voltage and uninterrupted power supply to the region.

- Excellence in Project Management in Hydro Power Sector (SHP) from ENERTIA Publication as part of their Annual ENERTIA Awards 2008. The award is in the category for sustainable Energy & Power, for the development and efficient operation of the 20 MW (10 MW x 2) Kabini Hydro Power Project, the 2nd largest private sector mini hydel scheme in the Karnataka.
- Kabini Dam Hydro Power Project is 2 x 10 MW Installed capacity Dam based project and the Turbine installed is of Vertical Full Kaplan type having 3300 mm runner diameter. The design discharge for each machine is 77 Cumecs and design Head is 18 meters. The generation voltage is 11 kV and the same is stepped up to 66 kV and then Transmitted to KPTCL Substation using double circuit transmission line. Also, the project involved a total excavation of 115000 CUM and the Total concrete quantity used in the project is 23000 CUM. The Load factor of the plant is 42% and the Annual average generation is 54 MU.

Actual generated: In MU

2007-08	2008-09	2009-10
65.34	36.00	45.00

Revolutionizing e-payment solutions - SPML Technologies

SPML Technologies believes in revolutionizing the status quo of the service industry and aims to take customer convenience to the next unprecedented level through its Any Time Payment kiosks (ATP) across India.

Every 2 seconds 1 consumer transacts through SPML ATP system
 ATP system installed across India - 260+
 ATP systems installed across Bangalore - 100+
 ATP systems installed across various states namely Karnataka, Chhattisgarh, Madhya Pradesh, Gujarat, Andhra Pradesh and Haryana
 Consumers using the System 350 - 550 per day per ATP
 Consumers visiting where the ATP is installed 650 - 1000 per day per ATP
 Approx **25000000** happy end users have transacted through the ATP kiosks across India



SPML Technologies Limited was set up to provide IT related services across the country. It empowers e-payment services and is presently involved in the area of service delivery for utility consumers by installing user-friendly 24X7 Any Time Payment (ATPs) kiosks for collecting utility payments for Electricity, Water, Telecom, Transport, Insurance and others. With the use of kiosk, consumer can make payment by way of cash, cheque / DD or cards. ATPs are basically user-friendly kiosks that collect and deliver information quickly and consistently without human interaction. This solution and set-up is offered as end-to-end turnkey solutions to clients by engaging them on a Build-Own-Operate-Maintain (BOOM) basis.

Automatic Metering Solutions - keeping the Indian demographics in mind



The Restructured Accelerated Power Development and Reforms Programme (R-APDRP), an initiative of the Ministry of Power, Government of India, has created an environment of multiple players, with very few proven successes.

The disposal of existing meters and proliferation of several incompatible meter protocols have been the main bottlenecks in the field of Automatic Metering Infrastructure. Our solution seamlessly integrates with the existing infrastructure, is cost effective and creates a value proposition for Utilities and System Integrators alike.

SPML has executed pilot AMR projects with utilities with resounding success in real conditions, in collaboration with various State Utilities. Shortly, more information pertaining to these initiatives would be shared with stakeholders.

Ease in implementation

Our unique solution does not:

- Replace any existing meter
- Depend on meter protocols
- Use any licensed frequency band for communication
- Incur any add on/repetitive cost

Comprehensive solutions ranging from Supply of New Meters, Retrofitting of Existing Meters, Energy Management Centers (EMC) to Any Time Payment (ATP) solutions.

Road Transport & Highways



Govt. of India (Gol) has embarked upon ambitious plan for improvement of Road Network throughout the country, and as a part of this plan, Gol has geared up to launch one of the biggest highways development programme in the country. Accordingly, Gol have thrown open this sector for Private Participation .

Union Road Transport and Highways Minister Shri. Kamal Nath opined **“Roads are important as they provide domestic economic stimulus and would play an important role in infrastructure development in the next decade”**

National Highways Development Programme stepped up so as to achieve the target of 7000 kilometres per year. The Government declared that bids worth 1,000 billion rupees would be invited for the road project in due course of time.

SPML , one of the largest EPC Contractor in India, provides multidisciplinary services to both public and private sector clients in industries and agencies. SPML provides single source responsibility for successful project development from concept to commissioning in various core sectors.

SPML diversified into Roads and Highways Sector, and has today successfully executed projects on a sole/joint-venture basis. Also have participated in some of the large projects in this sector and have been pre-qualified in other significant projects.

Brief details of sector- wise projects executed by SPML are as follows:-

Project Name	Concession Authority	Type of Lane	Total Length	Status
Development of State Highways-Saharsa, Supaul & Madhepura, Bihar	Central Public Works Department (CPWD), Bihar	2 Lane State Highway	86.43 Kms	In progress
Development of State Highways - Jamui District , Bihar	Central Public Works Department (CPWD), Bihar	2 Lane State Highway	84.97 Kms	In progress
Rail Under Bridge (RUB) & Rail Over Bridge (ROB) at North & South Chennai	Corporation of Chennai, Bridges department	RUB → ROB →	310 m length 5.5 m width & 420 m length 12 m width	Completed
Dakhloa Bypass Road Project - West Bengal	National Highway Authority of India	4 Lane National Highway	5.5 Kms	In progress
Widening & strengthening of Ropar Balachaur Road, Punjab	Public Works Division (B&R), Ropar, Punjab	2 Lane	21.55 Kms	Completed
Construction of Phagwara By-pass, connecting Phagwara-Nawanshahar Road with Phagwara - Jalandhar National Highway	Public Works Division (B&R), Chandigarh, Punjab	Bye-pass Lane	9.5 Kms	Completed
Noida-Greater Noida Expressway (Part)	IRCON International Limited	4 Lane National Highway	4 Kms	Completed

RUB & ROB projects

Go live in Chennai

Recently, SPML successfully completed two significant projects - High Level Bridge at Alandur Road and Rail under Bridge at Jones Road under JNNURM for Corporation of Chennai and Municipal Administration and Water Supply Department, Government of Tamil Nadu on December 11, 2009.

High Level Bridge at Alandur Road

Scope of Work : Length of the high level bridge: 420m, total width:12m, 7.5m carriageway including a provision of 2.25m wide footpath on either side and a 156m long viaduct portion supported by 7nos. of 1.5m dia piers.

Outcome of the Project : With the completion of the project, the road will serve as a by-pass to the GST Road. Thereby ensuring smooth flow of traffic and pedestrian movement even during the monsoon season. Approximately 1500 vehicle users will be benefited apart from fuel savings.



Rail under Bridge at Jones Road

Scope of Work: Length of the RUB: 310m, width: 5.5m, Service roads of 3.5m width on either side of RUB and 3 nos. of service bridges

Outcome of the project: RUB provides direct access to the inner ring road from Anna Salai. It ensures free flow of traffic from Anna Salai to Guindy Industrial Estate via Alandur High Level Bridge. Loss of life and accidents due to indiscriminate crossing of railway tracks can be completely avoided.



BOT Initiative

Jaora-Nayagaon Toll Road- MP

Madhya Pradesh Road Development Corporation Ltd. (MPRDC), a public sector undertaking of the state has been entrusted with the upgradation, rehabilitation and improvement of highways including major district roads across the state. Improvement/upgradation of Jaora-Nayagaon section of SH-31, the project corridor, from existing 2-lanes to 4- lanes on BOT basis.

- Name of the Project :** Strengthening, Up-gradation & 4 laning of Jaora-Nayagaon Section of SH-31
- Chainage :** Km 125.000 to Km 252.810
- Project Length :** The proposed 4 lane widening commences at km 125.000 near Jaora and ends at km 252.810 at MP & Rajasthan border near Nayagaon. The length of Project Highway is 127.81 km.
- Name of Client :** Madhya Pradesh Road Development Corporation Ltd.

Current status of the Project : The Concessionaire has achieved early COD by opening its first toll plaza at chainage 222 to 252.850 total 30.812 Kms (Neemuch Section) w.e.f. 12.09.09 as against the scheduled date for commencement of Aug 2010.



Concessionaire: Jaora-Nayagaon Toll Road Company Private Limited., which is the Special Purpose Vehicle formed by the developer which is a Consortium of SREI Infrastructure Pvt. Ltd. (28%), VIVA Infratech Pvt. Ltd. (49%), Subhash Projects And Marketing Ltd. (11.5%) and PNC Infratech Ltd. (11.5%) for implementing this project.



Pondicherry Port Limited

Being the most cost-effective means of transportation and with growing globalization and interdependency of the countries on each other; much of the trading activity is carried out through sea-ways with port both deep water and shallow ports playing an integral part. More than 90% of world maritime activities are carried out through sea-ways and over 70-72% of this volume is containerized.

Today the existing port infrastructure is insufficient to handle trade flows effectively and a further creation of capacity is being planned according to projected traffic requirements. Pondicherry Port holds a promise for the future - it is poised to be developed into a Singapore of the East coast of India.

Puducherry currently has a small shallow water port used for the import and export of general cargo. Ships anchor offshore and cargo is transferred to a small shallow draft quay by means of barges. Pondicherry Port Limited (PPL) will develop the port into a deep water port to handle container, general / ro-ro, liquid cargo and passengers. The project costing Rs. 2785 crore would be able to handle 2.25 million TEUs of containers per annum.

A Detailed Project Report (DPR) has been prepared by M/s. Halcrow Group Limited for PPL which has been approved by the Government of Puducherry. The project, which is expected to commence construction activities in the year 2010, will be on stream by 2013.

Leading players from home and abroad have shown interest to associate and invest in this project. PPL welcomes business partners who can bring in value addition and investment to compete with global players.

The Consortium of SPML and Om Metals Infraprojects Limited (OMIL) has formed Pondicherry Port Limited (PPL) as a special purpose vehicle (SPV) to develop the port. The Consortium has signed a 30 year concession agreement (extendable for a further 20 years) with the Government of Puducherry to develop and operate Pondicherry Port on a Build, Operate and Transfer (BOT) basis.



Puducherry Special Economic Zone- SEZ De Pondy

A multi-product Special Economic Zone (SEZ), which is an exclusive integrated industrial and residential township, is being set up at Puducherry by the Pondicherry Special Economic Zone Company Limited (PSEZCL). Christened as SEZ DE PONDY, the project, which sprawls over an area of about 860 acres, would be unparalleled and well positioned to change the face of Puducherry and the nearby region.

In order to take a quantum leap in progress and prosperity as proved by the Chinese, creation of an SEZ appeared to be most viable option for Puducherry. The state government therefore decided to promote an SEZ with world class facilities for multi-product and multi-services, designed to attract FDI for accelerated development of hardware and software industries, pharmaceutical companies and fashion goods manufacturing industries.

The project is expected to attract an investment to the tune of Rs. 20,000 crore, generating a direct employment of about one lakh people besides substantial indirect employment and spin-offs in the region. The project would propel the social-economic growth of Puducherry and surrounding areas significantly.

Several national and international companies have evinced interest to associate in the project by setting up units; coming in as co-developers and investors. PSEZCL welcome all the players to join hands in the development of the project.

The formal gazette notification of the Ministry of Commerce, Government of India, is awaited to commence the development activities.

Puducherry Industrial Promotion Development & Investment Corporation Limited (PIPDIC) has been identified as the nodal agency for the development to act in line with SEZ procedures and policies of the central and state governments.

SPML has partnered with **Om Metal Infra Projects Ltd (OMIL)** and **Urban Infrastructure Ventures Ltd (UIVL)** who have together incorporated a special purpose vehicle (SPV) to implement the project. The project is being promoted and developed under public private partnership (PPP) model as a joint venture.

International Update

Coal Mining Operations' Commences - Indonesia

PT Bina Insan Sukses Mandri: (PT BISM)

Mining operations have commenced and followed by dispatch of coal. The coal will be exported to most Asian countries including India, from taking care of the regional requirements in Indonesia.

Mining & Port Area:

Location: Linggang Marimun, Mook Manaar Bulatn, Melak, Kutai Barat, Kalimantan Timur, Indonesia. The Jetty is owned by the Company.

Area & Deposits: 5,000 Ha, Deposit +/- 105 Million Ton.

Production Capacity:

Production capacity 100,000 MT / month, equipment fleet having more than 15 nos. of excavators, 50 nos. of dump trucks and auxiliary equipments.

Coal Characteristics:

Calorie (adb) 5,100 to 5,300 kcal, TM 38-48%, IM 16-18%, Ash, <8% Sulfur 0.2-0.40%, VM 38-43%, FC 32-38%, AFT (flow) 1350 C.



Loading Potential:

Presently the loading is done through ramp-door having 3,000 MT/day capacity. Crusher capacity: 500 MT/hour. Barge Loader Conveyor with loading capacity of 500 ton/hour will be commissioned shortly and in next 6 months our loading capacity will be increased to 1000 TPH (90% fabrication work completed at Surabaya).

Distance from Mine to stock pile: Less than 2 km.

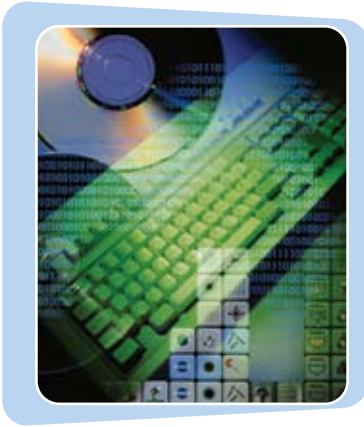
Freight Potential:

Maximum 300 Feet Barge (8,000 +/- 10% MT). The distance from BISM Jetty to Anchorage Point (Muara Jawa) is about 250 Nautical Mile.

SHARE HOLDING PATTERN OF PT BISM:

▪ PT Sanmati Natural Resources	- 45.64%
▪ PT Setenco Investa Niaga	- 37.36%
▪ Late Mr. Maulana Pane	- 3%
▪ Mr. Muhamad Tajuddin Noor Haji	- 4%
▪ Ms. Evi Kristina	- 7%
▪ Ms. Tri Hastuti Rini	- 3%





IT Initiatives - Resolve To Change, Strategize, Optimize & Realize

It's well known today that technology especially Information Technology is an enabler for businesses. However, if business processes are assessed well, and a need based IT strategy is evolved and implemented, then IT can be leveraged as a "Differentiator".

At SPML, the team worked on this fundamental objective of using IT, to make a genuine difference and creating value to the various stakeholders. Apart from implementing IT solutions across the enterprise in day-to-day operations, transactions and tasks, SPML has surged ahead in towards total standardization and virtualization of processes across project sites.

The Four Quadrants that were factored in for this initiative:

INDUSTRY OUTLOOK

- ERPs are being customized for Infra Sector
- High Focus on automation of Core & Support Processes
- Increasing number of automation tools being absorbed
- IT spend by Infra companies increasing

COMPETENCY PLAN

- Microsoft Technologies
- SAP ERP & BI System
- Functional Skill for ERPs
- Networking and Communication
- Mobile and Data logging Technologies
- On-line systems and integration

TYPICAL CONCERNS

- Projects are being isolated from HO because of Improper Connect.
- Need For integrated solutions
- Dependence on information (on-line basis)
- Support for scalability of Business.

ANTICIPATED RESULTS

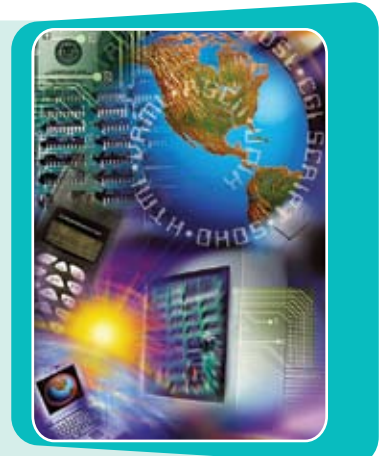
- Seamless process/ transaction support
- Scalable, flexible solution
- Transparency & operational efficiencies
- Remote monitoring/virtualization & web enabled project tracking
- Enhanced communication services - cost effective & faster

Core Outlook:

Leverage IT potential to improve internal efficiencies and provide a deep insight of the business to all the stake holders.

Anticipated Benefits:

- Remote project management capabilities to SBUs - improved execution time lines with reduced cost and increased quality
- Project / Business Management Cockpits for Leadership to monitor project and business health
- Knowledge Management Systems to record various Risks/Events occurred at various locations
- Integrated Information and Self Services Portal for internal members to integrate and collaborate better for data and communication needs
- To showcase SPML's project management capabilities to clients through a web enabled interface
- Web enabled Supplier Relation Management Portal for Suppliers to understand SPML resource requirement for better connect



Health & Wellness

Healthy Tips for Healthy Life

Despite all the medical advances available today, the most effective and the most practical advice to living a long and healthy life can be found in our past.



Here are the top time-tested healthy habits that have survived for centuries to increase the quantity and quality of our life.

Eat mostly plants.

(Green/Vegetarian food is high on fibre and other core nutrients)

Love and laugh.

(Preferably both at the same time)

Put family first.

(Time with family is priceless)

Snack on nuts.

(The most nutrient dense food in the world)

Take a walk.

(Our legs are meant to move us, so move)

Give something back.

(If you want to get, you have to give)

Have a purpose.

(Be excited when you wake up each morning)

Eat a large breakfast.

(Gives energy for the day)

Get outdoors.

(We came from nature, go back for a visit)

Eat a medium lunch.

(It's a lunch break, not a lunch buffet)

Be grateful.

(Appreciate what you got and you will get more)

Eat a small dinner.

(Enough eating already)

Have fun.

(Do things that you enjoy)

Drink plenty of water.

(It's the basis of all living things)

Maintain a healthy body weight.

(Move more, eat less)

Sleep when it's dark.

(There is a reason why we can't see in the dark)

Get regular exercise.

(Push and pull heavy things)

Learn new things.

(You live, you learn)

Contribution for the Flood Relief Fund

Since October 2009 the retreating south-west monsoons had brought continuous heavy rainfall in the states of Karnataka and Andhra Pradesh in southern India. This took a heavy toll on human life and also caused considerable damage to property. Vast areas were totally submerged, cutting road and rail links, damaging houses and property and destroying crops.

Empathizing with this grave natural calamity, SPMLites did their bit by donating a portion of their remuneration along with an equal participation from the SPML Management, making it a significant monetary contribution towards the CII initiated **"Calamity Relief Fund of Karnataka"** for rehabilitation of those affected by this tragedy. Plans are in place to support the people of these districts by co-ordinating collection drives and through other means.



Artificial Limb Camp

SPML in association with Karnataka Marwadi Youth Federation and Shree Kshethra Arahamtha Giri Digambara Jain Mutt organized an Artificial Limb Camp, for the differently-abled, at Shree Kshethra Arahamtha Giri Digambara Jain Mutt in the Divine Presence of **"Swathi Shree Dhavala Keerthi Bhattaraka Swamiji"**. Artificial limbs were donated to those without limbs and calipers for those affected by polio. Over 300 people benefited from this program.



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