



**End to End Consultants**

**Profile**

# About Us

We are a group of consultants delivering solutions in multiple spheres under single roof. For us, consulting is not just an integral part of our business, but also a defining facet of who we are.

This is an organization dedicated in providing technical & management consulting services to the clients pivoted around the basic building blocks required for implementing sound Project Management , Engineering and Technical practices. Our team is experienced and flexible to deliver client specific requirement regarding any geographical boundary, diverse internal processes and systems as well as effective utilization of resources.

Our team of professionals have experience in National and International Corporates based out of Asia, Europe, USA, Africa and Indian sub-continent. We believe that the ultimate success of any project delivery hinges primarily on the quality of the people involved. Our company fosters an environment of innovation and problem-solving approach that presents on time and flexible responses to client's needs.

This also broadly includes training, methodology development, tools implementation, assessment, and other services.

We are empanelled consultants of West Bengal Industrial Development corporation (WBIDC) and Howrah Improvement Trust (HIT).

We also served different government organisations in PAN India like DRDO, AAI, SAIL, JUIDCO, RFCL, FCI, WBPHIDCL, WBSIDC, WEBEL, DSDA, SBSTC, SBI, UBI, WBP, KP, VU etc.

We also served some of the renowned builders like Multicon Group, South City, Sugam Homes, Satwik Srijan (P) Ltd etc.

## Our Strategic Guidelines:

New Businesses & Partnership opportunities in order to increase market presence and to improve know-how sharing. Particular attention is paid to the choice of specialist partners and integration of activities by PPP model approach (Planet , People and Process ) with Definite process outcomes in response to client's requirement and adhering to our quality system.

# Consulting Proficiency

## ◆ ELECTRICAL SYSTEM

- Distribution
- Solar

## ◆ EXTRA LOW VOLTAGE SYSTEM (ELV)

- Building monitoring, automation & control system BMS
- Network system
- EPABX system
- Intelligent Security System / CCTV monitoring system
- Public addressing system
- Parking management system
- AV audio and visual systems
- Access control System

## ◆ AUTOMATION SYSTEM

## ◆ FIRE DETECTION & PROTECTION SYSTEM

## ◆ HEATING, VENTILATION AND AIR-CONDITIONING SYSTEM (HVAC)

## ◆ PUBLIC HEALTH ENGINEERING SYSTEM (PHE)

## ◆ Detail Project Report (DPR)

- Feasibility Report
- Financial Report
- Design & Technical Report
- DPR for Bank

## ◆ PROJECT MANAGEMENT CONSULTANCY (PMC)

## *ASSOCIATE CONSULTANTS*

- ◆ Architecture ([www.ideators.in](http://www.ideators.in))

## Project Management Consultation Services

- ❖ Project Audit.
- ❖ Project Management.
- ❖ Site Safety audit.
- ❖ Establishment of a project team.
- ❖ Managing the consultants, suppliers and contractors.
- ❖ Establishing functional roles and responsibilities with respect to the client and contractor organizations.
- ❖ Project meetings and reports.
- ❖ Client liaising.
- ❖ Facilitate project risk reviews.
- ❖ Facilitate Project plan reviews.
- ❖ Facilitate technical & HAZOP.
- ❖ Specific Environment studies.

## Mechanical Engineering:

- ❖ Inspection and Test Plans.
- ❖ Inspection Program Coordination.
- ❖ Quality Audits / Quality Planning.
- ❖ Vendor management.
- ❖ Third Party verification and startup services.

## Electrical Engineering:

- ❖ Energy Audits and Studies.
- ❖ Site supervision & Inspections.

## Inspection Services

- ❖ Visiting vendor end and ensuring 100% compliance with enquiry specification.
- ❖ Undertake expediting visits to ensure the vendor is following the manufacturing schedule as committed by him.
- ❖ All visit details are reported to client with status and possible concerns with suggestion on mitigation of same.
- ❖ Carry out FAT & SAT.
- ❖ Review and approval of Contractor Quality Control Plans.
- ❖ Inspection management.
- ❖ Structural stability & certification services.
- ❖ Valuation services.

## Asset Management

- ❖ Facilitate Root cause analysis of mechanical equipment.
- ❖ Review of Preventive maintenance and CBM.
- ❖ Facilitate and oversee planned outage and preparedness for major Turnaround.
- ❖ Enterprise Asset Management and Operational excellence.
- ❖ Facilitate TQM.

## Safety and Environment

- ❖ Safety management and audit.
- ❖ Safety Agent function.
- ❖ Environment management of project sites.
- ❖ Incident reporting.

# Team



**Mr. Tirthankar Sanyal** served as CEO of Industrial Fabrics Business of SRF Ltd. for 15 years. Worked for 40 years with various companies like Philips, Wimco, Andrew-Yule, Coal India and SRF in the field of finance, HR, Strategic Planning, Marketing, Logistics and CEO's jobs. M.COM, M.A. (Psychology), ACMA and ACS



**Mr. Pradip Roy** is B.E. (Mech) with MBA from JBIMS; Mumbai has specialised in techno management activities and has worked for last 34 years in the energy sector. Piloting Large Complex Global Projects (in North America, Asia, Europe, Africa, South East Asia) and Programs in Oil & Gas/Refinery Sector. Experience with Royal Dutch Shell plc. in Front end and detailed design, project execution, commissioning, Operations, QMS, Technical Inspection, Risk Management, Major turnaround of onshore and offshore facilities around the world. HSE Expert Formulating Guidelines and Policies Insulating from Risks.



**Mr. Arunendu Saha** is a Bachelor of Mechanical Engineering from Jadavpur University and completed his Executive Education Program from IIM, Bangalore. He has gained immense experience in Project Management of Large Power Plants throughout his career in the Indian Energy sector spanning over 36 years.



Anjan Dey  
Principal Consultant



Arpita Adhikari  
Electrical Consultant



Chandan Podder  
ELV Consultant



Rafikul Alam  
Legal Advisor



Sunil Sony  
Financial Consultant



Shomit Sanyal  
Legal Consultant



Samiran Mukherjee  
PHE Consultant



Seuli Majumder  
Automation Consultant



Dibakar Dey  
Fire & Safety Consultant



Subhasis Das  
HVAC Consultant



Nabanita Biswas  
Architect



Ar. Dhrubojyoti Saha  
Associate Architect  
[www.ideators.in](http://www.ideators.in)

# Credential - Industrial

Description	Area	End User
Technical Consultancy services to prepare master plan for Raghunathpur industrial Estate at Purulia, WB	3500 Acres	WBIDC
Technical Consultancy & PMC services of 'Electrical System' for Panagarh Industrial Park at Panagargh, WB	1500 acres	WBIDC
Project Management Consultancy services for the project of "Revival Of Ramagundam Fertilizer Complex, at Ramagundam,Telengana"	1500 acres	RFCL
Electrical consultancy work for Rectification work of Electrical Cable network at Southern Zone of Panagarh Industrial Park, Panagarh, West Bengal.	1500 acres	WBIDC
Technical Consultancy of 'Communication Backbone' for Vidyasagar Industrial Park at Kharagpur, WB	1200 acres	WBIDC
Project Management Consultancy for Construction of Boundary wall at Vidyasagar Industrial Park, Kharagapur, Paschim Medinipur.	1200 acres	WBIDC
Designing of Complete Backbone Engineering system for the Communication HUB of Programming MRSAM(Army), Bangalore.	400000 sq. Ft.	DRDO
Designing Backbone for intelligent surveillance system for Vidyasagar University Campus, Midnapore	104 acres	VU
Providing technical consultancy service for Hosierey Park at Jagadishpur, Howrah.	50 acres	WBSIDCL
Technical consultancy and PMC services of electrical system for Anmol Infra Park at Jagadishpur,Howrah,WB	48 acres	South City
Electrical Consultancy services for LINDE, Uluberia Plant, Howrah	5 acres	LINDE
Technical Consultancy services for Leather shaving scrap burners at Calcutta Leather Complex (CLC), Bantala, WB	5 acres	WBSIDCL
Technical consultancy services for FCI Warehouse at Burdawan District, Burdawan.	5 acres	FCI
Providing Technical consultancy services for Modern Abattoir at Medininagar, Jharkhand.	3 acres	JUIDCO
Design consultancy services for "Proposed Belur IT Park" at Belur,WB under WEBEL	3 acres	WEBEL
Providing Technical consultancy services for Modern Abattoir at Adityapur, Jharkhand.	3 acres	JUIDCO
Providing Technical consultancy services for proposed Multipurpose Wire house At Taltulkuli, Pakuria,Howrah.	2.5 acres	JBP
Design consultancy services for "Salt Lake IT Park" at Slat lake,WB under WEBEL	1.5 acres	WEBEL
Detail engineering & Design Consultancy for the factory of Mr. Kothari at Jagadishpur, Howrah, West bengal	265000 sq. fts.	South City

# Credential - Commercial

Description	Area	End User
Technical Consultancy services for Solar Energy Park at Latehar, Jharkhand.	18 acres	JUIDCO
Consultancy services for Electrical system including design, drawing work for Several Building and area lighting arrangement in Jhargram Police line, Jhargram, West Bengal.	12 acres	WBPHIDCL
Providing Backbone Engineering support for the Project of Aliporduhar Police line, West Bengal.	12 acres	WBPHIDCL
Designing of Complete Engineering consultancy for proposed Recreation park at Jatranala, New Digha, Purba Medinipur.	3 acres	DSDA
Consultancy services for Electrical system including design, drawing work for Area Lighting Arrangement in Salboni Police Line, Salboni, West Bengal	3 acres	WBPHIDCL
Electrical Consultancy services for Proposed police Barrack, Toilet Block and Dinning Space at Mandarmani Costal Yard, Digha, Purba Medinipur.	458000 sq.fts	WBPHIDCL
Providing Technical consultancy services for Medininagar Mall at Daltanganj, Jharkhand.	230000 Sq. fts	JUIDCO
Designing of complete Backbone Engineering system for the project of Debashree Hall, Barrackpore, West Bengal.	195000 sq. ft.	Realtunity Infra Project Pvt. Ltd.
Providing Technical consultancy services for the office building of EMDEE Digitronics at Newtown, Kolkata	156000 sq. fts.	EMDEE
Consultancy Service for Solar System and Fire Safety Management system including drawing, design work for proposed Police Barrack at Pagladanga, Kolkata.	149000 sq. fts.	WBPHIDCL
Providing Technical consultancy services for a 4 Star Hotel at Gaya opposite Gandhi Maidan, Gaya, Bihar.	125000 sq. fts.	R.K.Singh Group
Providing Technical consultancy services for Construction of proposed multi facility Community Hall (B+G+7) at Ichapur Water Tank Land, HIT Scheme No.I, Ichapur, Howrah. (Phase-I).	128000 sq. fts.	HIT
Providing Technical & Project management Consultancy for the project (G+4) five tower Commercial & Residential Building at Shanpur, Howrah, West Bengal.	125000 sq. ft.	HIT
Providing Technical consultancy services for different hotels (North Star-Kolkata, Green View-Kuluk, Wild Flower Retreat – Borong) of Mr. Himadri Mondal.	Lumsum	North Star
Technical consultancy and PMC services of electrical system for Monahar Das Katra Market Complex at Bara Bazar, WB	Lumsum	South City
Electrical and Fire Consultancy for Construction of proposed Theatre and Art Centre under group Assembly Building at Premises no. – 27/B, Block – DD, Sector – I, Salt Lake City.	Lumsum	Nandikar

Consultancy services for Electrical, Air Conditioning system and Sound System for Existing Howrah Central Library Auditorium under Howrah Improvement Trust at Howrah	70000 sq. fts	HIT
Providing Project Management Consultancy for the project of (G+4) Non Ac Community Hall Building at Ichapur, Howrah, west Bengal.	90000 sq. ft.	HIT
Providing Technical consultancy for the project of (B+G+5) Ranchi Hotel, Ranchi, Jharkand.	95000 sq. ft.	Highway Riders Hotel Pvt. Ltd.
Providing Technical consultancy for the Project of Food warehouse at pakuria, Howrah, West Bengal.	100000 sq. ft.	Kothari Group
Designing Backbone for Intelligent surveillance system for Howrah Police.	20 junctions	WBP
Designing Backbone for Intelligent surveillance system for Bidhannagar Police.	18 junctions	WBP

## Credential - Residential

Description	Area	End User
Providing Technical consultancy services of Omkara Village, Bishnupur, West Bengal.	5 acres	Swatik Group
Providing Technical consultancy services for Sugam Serenity at 7/G, Kushumba, South Kolkata. Phase – 2.	255000 sq. fts.	Sugum Homes
Providing Technical consultancy services for Nirman Green at Rajarhat, Newtown, Kolkata	220000 sq. fts.	Nirman Group
Providing Technical consultancy services for Paul Building opposite Big Bazar at Burdawan, WB	210000 sq. fts.	Banik Group
Providing Technical Consultancy service for "HIT Green", under Howrah Improvement Trust at Ichapur, Howrah, West Bengal	160000 Sq. fts	HIT
Designing of complete "Backbone Engineering System" for Loudan star, at Loudon street Kolkata, West Bengal	157000 sq. fts.	Multicon Group
Technical consultancy work for proposed G+3 Storied (4 towers) HIT Complex (Commercial & Residential) at 77/2, Makhardah Road, Howrah.	108000 sq. fts.	HIT
Consultancy services such as Electrical, Fire Fighting, CCTV, EPABX system including design, drawing for proposed Guest House cum community centre at New Digha, West Bengal.	102000 sq. fts.	SBSTC
Technical consultancy services for boys & girls hostel of Budhha Dental college, Bihar	98000 sq. fts.	R.K.Singh Group

# Credentials

## **Controlled 90 oil fields, 1,000 producing wells, 72 flow stations, 10 gas plants and two major oil export terminals.**

- Managed pre-commissioning, commissioning and start-up activities of Gbaran Ubei oil and onshore projects.
- Provided start-up assistance at the site, Technical verification and solved technical problems for plant startup.
- Performed task of full functional checks of instrument/electrical systems and mechanical systems in conjunction with other disciplines.

## **MEG Project (750K tones/Annum) Execution**

- Selected to perform the Management of SHELL-Houdini (MEG) project - involved in all critical aspects of detail engineering, selection, procurement, construction, turnover, mechanical completion, commissioning, and start-up.
- Responsible and accountable of all rotating equipment installed to Shell engineering standard.
- Directed the QC roles for inspectors/supervisors, arranged site attendance of vendor specialist while providing input for the Project Acceptance procedures.
- Managed overall technical assurance for rotating equipment engineering.

## **Offshore production installation (oil production 104Kb/d; gas export 9min.m3/d, water injection volumes 7500m3/d)**

- Responsible for the safe and efficient startup/operation, maintenance and reliability of the aero derivatives gas turbine driven centrifugal gas compressor and generators and water injection pumps and all mechanical rotating equipment's in offshore platform.
- Head In charge of the entire turnaround & project activities which included; planning to execution, corresponded with the projects and operation team for optimization of engineering design Spearheading process optimization studies in order to maximize efficiency of installed process equipment.

## **Refinery & petrochemical complex plant integrity and Asset management.**

- Managed Cogen plant, water treatment plant, tank farm, utilities maintenance reference plan and the PM/CM OPEX budget in efficient manner.
- Led, managed and executed refinery/petrochemical plant major turnaround
- Led Complex plant modification activities.
- Led mechanical & multidisciplinary team for startup activities of refinery/petrochemical complex after turnaround/plant modification.

# Credentials

## Project Management Capability

- Project Management of 2x384 MW Gas based Combined Cycle Plant at Rajahmundry, AP within 24 Months from Zero date. Reckoned as an achievement in the field of Project Management in India.
- Execution, Startup & Commissioning of Supercritical & Sub Critical Coal fired boilers.
- Execution, Startup & commissioning of large Gas Turbines, Condensing / Back.
- Pressure Steam Turbines and High Pressure Boilers / HRSG's of large capacity.
- Experienced in Handling and Operating Gas Turbines on fuel as Naphtha , categorized as class I hazardous fuel.
- Project Execution, Start up, commissioning and operation of 220 MW Gas based Power station in Samalkot, AP.
- Civil Construction of complete Barge Mooring basin, a marine facility, for relocation of a 220 MW power Barge from Tanir Babi, Karnataka.

## Project Engineering

- Business Development of a mini-LNG facility at Kakinada Port, AP.
- Feasibility study of "Coal to Gas" project in Indonesia for a captive coal mine in Sumatra.
- Technical Member of TIFAC (Technology Information, Forecasting & Assessment Council (India), the Technical arm of "Department of Science & Technology". Recommended few Advanced & New Technologies for deployment and adoption in the country.

## Systems Capability

- Designing and developing Power Plant preservation Procedures / Methods, effectiveness which was benchmarked and appreciated at the industry level
- Implementation of Asset Management, Operational Excellence & Transformation Management.
- Team building for Project and O&M.
- Turnaround Procedures and O&M practices for power stations to build a strong foundation for O&M capability for the GMR Group.
- Development of Systems and Processes in the Energy division of GMR Group.
- Process Analysis , Cost control ,cost reduction ,cost elimination

## Performance Management System

- Review and management towards effectiveness of current assets and current liabilities. Facilitate Annual plan and detail budgeting.
- Expert in Dealer orientation.
- Development of organization structure, Vision actualization &TQM
- Complete turnaround from process management, productivity improvement to customer delivery.

# Client Credentials

Sector	Name	Designation	Orgin.	Contract Details		Projects
				Call	Email	
Govt.	Mr. Bechiram Pati	Deputy Chief Engineer	HIT	91433 17242	info@hit.gov.in	HIT Projects
	Mr. Arun Kumar Bharati	Executive Engineer	JUDCO	76440 04023	npplusro@gmail.com	Urban Development projects of JUDCO.
	Mr. Goutam Dey	Assistant Engineer	WBSIDCL	97483 80445	aeewbsidcl@gmail.com	Calcutta Leather Complex, Bantala.
	Mrs. Sulohita Sharma	Project Engineer	WBIDC	94339 42015	Sulohita.sharma@wbidc.com	Vidyasagar Industrial Park.
	Mr. Sumit Dutta	Project Engineer	WBIDC	98362 44883	Sumitkumar.datta@wbidc.com	Panaghar Industrial Park.
	Mr. Biplab Majhi	Assistant Engineer	WEBEL	98746 34680	Biplab.maji@webel-india.com	IT Park at Belur, Saltlake & Krishnanagar.
	Mr. Mahin Maikab	Assistant Engineer	DSDA	89189 71867	aedsda@gmail.com	Recreation park at Digha.
Architects	Mr. Mukul Mitra	Architect	SHELTER	98300 50606	Saugata.shelter@gmail.com	Loudan Star, Hosierey park, Infra park, Mahadevi Birla school, Gaya Hotel.
	Mr. Partha Pratim Das	Architect	DIMENSION	98314 54131	archi_dimension@yahoo.com	EMDEE, Nandikar
	Mr. Dhrubojyoti Saha	Architect	IDEATORS	98303 18101	ideators@yahoo.com	Projects of WBPHIDCL.
	Mr. Swapan Chakraborty	Architect	Swapan Chakraborty & Associates	98300 54947	swapanchakraborty@gmail.com	Projects of Nabdwip & Bankura.
	Mr. Suvankar Chaudhuri	Architect	SA Chaudhuri & Associates	98746 77559	Suvankarchaudhuri66@gmail.com	Proposed cancer Hospital in WB
	Mr. Ahuradha Mukherjee	Architect	La Maison	98300 21083	Rajrishimukherjee@gmail.com	Project of Linde
	Mr. Rajib Mondal	Architect	Integrated Infrastructure Solution	98303 35136	Rajiv.mondal@integratedinfra.com	Raghnunathpur Industrial park, WBIDC.
Private	Mr. Neeraj Bansal	Managing Director	Satwik Group	98309 12620	onkarabnp@gmail.com	Onkara Village, Bishnupur.
	Mr. Himadri Mondal	Managing Director.	ICERAEDS	98301 74253	Himadri.m@gmail.com	North Star Hotel, Hotels at Kuluk, Rabangla-sikkim.
	Mr. Debasis Sengupta	Director	I-Win	98309 53515	Debashis.sengupta@i-win.co.in	IT parks Belur, Saltlake, Krishnanagar
	Mr. Bikash Mondal	Director	Annapurna Nirman Pvt. Ltd.	98304 24166	Abconstruction666@gmail.com	Nirman Green Phase I & II
	Mr. Subhas Banik	Partner	Banik Enterprise	97321 90466	Complex.paulbuilding@gmail.com	Paul Building, Burdwan, FCI Godown.

# End Users



रामानुजम फर्टिलाइजर्स एण्ड केमिकल्स लिमिटेड



State Bank of India



THANK  
YOU

F-26, DS-4,  
Manicktala Civic Centre,  
Uttarapan Market Complex,  
Kolkata: 700054

TELEFAX: +91 33 2355 3002  
Mobile: +91 6289547168  
MAIL: [info@merchandise-india.com](mailto:info@merchandise-india.com)  
[merchandise2k@gmail.com](mailto:merchandise2k@gmail.com)  
URL: [www.merchandise-india.com](http://www.merchandise-india.com)



Indian Green Building Council  
**MEMBER**



**AADHAAR**  
UDYOG AADHAR

MSME : Micro, Small and Medium Enterprise