

SIRI CONSULTANTS

Architects, Engineers & Industrial Consultants

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INTRODUCTION

M/s. **SIRI CONSULTANTS** is a partnership firm formed during the year 1981 by Sri. D. Srinivasa Rao (BE, M. Tech (Structures) from IIT, Chennai) as Chief Structural Consultant offered Consultancy services for several large Industries, serving many organizations, business houses, private sectors and designed many multistoried residential commercial and industrial buildings.

Sri. **D. SRINIVASA RAO** main promoter has worked earlier with M/s. J.J. Associates as a Chief Design Engineer during the period 1977 to 1980, has designed many multistoried, residential, commercial and industries & buildings and having experience of about 25 years in the Structural Engineering.

M/s. **SIRI CONSULTANTS** offer unified approach to fulfil multitude of services, specific requirement of each project with proven ability to meet the requirements of financial and time schedules.

M/s. **SIRI CONSULTANTS** has equipped with computer aided design cell, in addition to the 62 strong highly caliber professional and skilled persons to produce desired results by the customers.

M/s. **SIRI CONSULTANTS** stands as unbiased professional advisor for a period around 30 years with broad based values and experiences with customer services as prime objective, for the remuneration received, by adopting strictly the prescribed specifications, safety code, and statutory requirements of the Government.

M/s. **SIRI CONSULTANTS** have offered consultancy services around 700 medium and major industries like Sponge Iron Plants, Power plants, sugar plants, Pharmaceuticals, Mini hydal projects, Cement Plants, Steel plant, multi storied buildings, Distilleries & Breweries plants, Soft ware buildings, Institutions, schools and colleges etc.,

M/s. **SIRI CONSULTANTS** have provided consultancy services for the Govt. & Public organizations viz., BHEL, GAIL, NMDC, NSIC, MECON, Sponge Iron India Ltd., Allwyn, Semi Conductor Complex Ltd., & A. P. Spin fed etc., during the last 30 years and continuing the services with appreciation.

CHIEF EXECUTIVE:

1. Sri. D. SRINIVASA RAO B.E. (Civil), M. Tech (Structures), MIE

Educational Qualifications

| University / Institution | Degree | Main Subjects |
|------------------------------|-----------------------|--|
| Govt. Eng. College, Kakinada | B.E. (Civil) | Civil Engineering |
| I.I.T., Chennai | M. Tech. (Structures) | Theory of Plates & Shells, Analysis of Industrial structures RCC/Steel theory of Elasticity Elastic stability, bridges, Pre stress concrete experimental stress analysis |

Experiences

| Name of the Employer | Duration | Post | Details of Projects designed |
|---|--------------------|-----------------------------------|--|
| M/s. Hyderabad Asbestos Cement Products Ltd., Sanath Nagar, Hyderabad, A.P. | 1974 to 1977 | Structural Design Engineer | 1. Design of Ind. Buildings their projects in India & for projects at Abroad. i.e. Dubai, Iran, Syria, Kuwait etc. |
| | | | 2. Platform structures for supporting asbestos plant Machines in India and Abroad |
| | | | 3. Design of structures such as Silos 75 to 1000 T |
| | | | 4. Hydraulic Press capacity 100 to 500 T |
| | | | 5. Material Storage racks, material Handling Pallets. |
| | | | 6. Structural part of machine for asbestos sheet & pipe plants including test machine |
| | | | 7. Design of cranes & gantry girders for capacity of 5 to 500 tonnes. |
| M/s. Navabharat Ferro Alloys Ltd., | 1977 | Structural Consultant | Designed & supervised the foundation & furnace Plant including Civil Projects Approx. Rs.2.00 crore. |
| M/s. J. J. Associates Hyderabad | 1977 to 1980 | Chief Structural Consultant | Multi storied Residential apartments viz. Brindavan Apts., Kushal apts. |
| | | | 1. Building for Kakatiya University A.P. agriculture & Osmania University etc., |
| | | | 2. Multi-storied office / commercial Buildings such united India Insurance, Basheerbagh, Hyderabad Pushpanjali Commercial Complex at Koti. |
| | | | 3. Theatres at Visakhapatnam such as Kamal, Mohini & Shesha Mahal at Gajuwaka. |

| Name of the Employer | Duration | Post | Details of Projects designed |
|------------------------------------|-----------------|-----------------------------------|--|
| M/s. J. J. Associates Hyderabad | 1977 to 1980 | Chief Structural Consultant | 4. Industrial buildings such as Jaya lakshmi Oil & Chemical Industries Ltd., Dokiparru village, Guntur & Surya lakshmi cotton Mills at Bhongiri. |
| | From 1981 | | Promoted a Partnership Firm “ SIRI CONSULTANTS ” consulting Architects, Engineers, Designed executed so far around 400 major & medium size industries in chemical, Bulk Drugs, Steel, Cement, Spinning & Allied Industries. The firm is having 45 Architects & Engineers. |

THE FOLLOWING WORKS/PROJECTS WERE DESIGNED, DETAILED AND SUPERVISED THE FABRICATIONS WHILE AT HYDERABAD ASBESTOS CEMENT PRODUCTS LIMITED, HYDERABAD, DURING 1974–77

| Sl. No | Name of the Project | Location | Description of the Project |
|--------|--|----------------------------------|---|
| 1 | Industrial Building for Sheet Machine & pipe pressure machines. | DUBAI | Steel structural 3 – bay portal frames-cranes of a capacity 10T total steel required 600T cost of the project Rs.50.00 lakhs. |
| 2 | Multi storied platform structures for supporting Asbestos sheet machine and pipe machines. | DUBAI KUWAIT SYRIA | Steel platform subjected to Dynamic loads due to machine Reby motor of H.P. 10 to 75T |
| 3 | 3 storied platform supporting asbestos milling plat machinery. | RORA DUBAI INDIA IRAN | Steel platform subjected to Dynamic loads due to machines Loads such as screens, crushers, Hammer Mill fabrizers cum Crushers etc., |
| 4 | Steel machine Equipment such as Side conveyor trolley lifters etc., | HYD. DUBAI KUWAIT SYRIA | Structural part of equipment |
| 5 | Hydraulic presses of capacity 50 to 500 T | HYD. | Structural part of equipment |
| 6 | Sheet testing machine & pipe testing | HYD. DUBAI | Structural part of only machines |
| 7 | Cement silos of capacity 75 to 1000T and water tank bins. | HYD. DUBAI | All steel Structures |
| 8 | Machinery foundations for all Equipments for all milling machines. | HYD | Foundation (mat) is designed for R & D mill Hyderabad Plant. |

LIST OF WORKS COMPLETED / ON HAND

CEMENT PLANTS

| Sl.NO. | NAME OF THE PROJECT | Capacity in TPD | PROGRESS OF WORK |
|--------|--|---|------------------|
| 1 | M/s. Viswam Cements Limited at Kodada, Nalgonda Dist., A. P. | 100 | Completed |
| 2 | M/s. Hemadri Cements Limited at Jaggayyapet,A.P | 200 | Completed |
| 3 | M/s. Essar Cements Limited, Matampally, Nalgonda Dist., A. P. | 200 | Completed |
| 4 | M/s. P. R. Cements Limited, Nalgonda Dist., A. P. | 200 | Completed |
| 5 | M/s. Vasudeva Cements Limited, at Kodada, Nalgonda Dist., A. P. | 100 | Completed |
| 6 | M/s. Shez Cements Limited., at Kodada, Nalgonda Dist., A. P. (Anjani Cements) | 200 | Completed |
| 7 | M/s. Sri Shimhadri Cements Limited., Vizianagaram Dist., A. P. | 1000 TPD | Completed |
| 8 | M/s. My Home Cements Industries Limited, (formerly M/s. Devi Cements Ltd.,) at Mellacheruvu, Nalgonda Dist., A. P. | 1000 TPD | Completed |
| 9 | M/s. Ratna Cements Limited, Yadwad. | 1000 TPD | Completed |
| 10 | M/s.Kakatiya Cements Limited., Krishna Dist., A. P. | 1500 TPD | Completed |
| 11 | M/s. My Home Cements Industries Limited., (UNIT–II) at Mellacheruvu, Nalgonda Dist., A. P. | 1500 TPD | Completed |
| 12 | M/s. My Home Cements Industries Limited., (UNIT–III) at Mellacheruvu, Nalgonda Dist., A. P. | 2000 TPD | Completed |
| 13 | M/s. NCL Industries Limited., at Simhapuri and Kondapally, A. P. | 1400 TPD | Completed |
| 14 | M/s. Cements Manufacturing Company Limited, at Lumshnong, Meghalaya. | 2000 TPD | Completed |
| 15 | M/s. Shree Cement Ltd., Grinding Plant., Khushkhera, Rajasthan Dist | 250 TPH | Completed |
| 16 | M/s. Trumboo Industries Ltd., J & K., 1200 TPD Cement Plant. | 2000 TPD | Completed |
| 17 | M/s. Murlı Industries Ltd., (Cement Division) Green Field Cement Project at Chandrapur, Maharastra | 6000 TPD | Completed |
| 18 | M/s. Enexco Teknologies India Limited, Clinker Grinding unit in Mejia, West Bengal, India | Grinding Unit | Completed |
| 19 | M/s. CEMENTS MANUFACTURING COMPANY LTD., 281, Deepali, Pitampura, New Delhi Lumshnong Meghalaya Gowahati | 1.5 Million 1.5 Million 1.5 Million | In Progress |
| 20 | M/s.Bhavya Cements Ltd., Dacheppally, Guntur | 3000 TPD | Completed |
| 21 | M/s.Anjani Portland Cements Ltd., Nalgonda | 1500 TPD | Completed |
| 22 | M/s. The KCP Ltd., Muktyala Village, Jaggayyapet Mandal, Krishna Dist. | 1.5 Million | Completed |
| 23 | M/s. Ghorahi Cement Industry Pvt. Ltd., Nepal | 2500 TPD | In Progress |
| 24 | M/s. LNV Technology Pvt. Ltd., EPCC – DUBAI. | 1200 TPD (Expansion) | Completed |
| 25 | M/s. Shree Cement Ltd., Ras, Pali, Rajasthan Dist Unit – I & III Unit – IV Unit – V Unit – VI Unit – VII Unit – VIII Unit – Suratgarh Unit – Roorkee Unit – Jaipur Unit – IX } Project design works | 3300 TPD 3300 TPD 3300 TPD 3300 TPD 3300 TPD 250 TPH 250 TPH 250 TPH 3600 TPD | Completed |

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|----|---|----------|-------------|
| 26 | Shree Cements Ltd., Unit–X–Rajasthan | 2500 TPD | In progress |
| 27 | Shree Cements Ltd., Bihar Grinding Unit at Bihar. | 250 TPH | In progress |
| 28 | Shree Cement Ltd., at Ras Grinding Unit at Rajasthan. | 250 TPH | In progress |
| 29 | Shree Raipur Cement Ltd., at Raipur, Baloda Bazar, Chattisgarh. | 6000 TPD | In progress |

SPINNING MILLS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|---|-------------------------------------|---------------------|
| 1 | M/s. Sathavahana Co-operative Spinning Mills Limited, at Sattenapalle, Guntur Dist., A.P. (12,000 Spindles) | 100 | Completed |
| 2 | M/s. Priyadarshini Spinning Mills Limited at Sadasivapet, Medak Dist., A.P. (60,000 Spindles) | 400 | Completed |
| 3 | M/s. Sivani Spinning Mills Limited at Nizamabad, A.P. (12,000 Spindles) | 100 | Completed |
| 4 | M/s. Nandyal Co-operative Spinning Mills Ltd., at Nandyal, Kurnool Dist., (25,000 Spindles, World Bank Aided Project). | 250 | Completed |
| 5 | M/s. Priyadarshini Thread Limited at Shameerpet, A.P. (including expansion works) | 80 | Completed |
| 6 | M/s. Surya Lakshmi Cotton Mills Limited at Amanagal, A.P. | 60 | Completed |
| 7 | M/s. Surya Latha Spinning Limited at Kalvakurthy, Mahaboobnagar Dist., A.P. | 100 | Completed |
| 8 | M/s. Chilakaluripet Cotton Growers Co-operative Spinning Mills limited Yedlapadu, Guntur Dist., A.P. (25,000 Spindles, World Aided Project) | 350 | Completed |
| 9 | M/s. Sri Raja Rajeswara Co-operative Spinning Mills at Sircilla, Karimnagar Dist., A.P. (25,000 Spindles, World Aided Project) | 350 | Completed |
| 10 | M/s. Suryalatha Spinning Mills Limited, Ramtek, Maharastra. | 100 | Completed |
| 11 | M/s. Aditya Spinners Limited, Pedindesam, Srikakulam Dist. | 300 | Completed |
| 12 | M/s. Leena Textiles, Timmasamudram Village, Srikakulam Dist. | 200 | Completed |
| 13 | M/s. Lakshmi Priya Spinning Mills Limited, Tada | 100 | Completed |
| 14 | M/s. Jaya Lakshmi Spinning Mills Limited, Guntur Dist., A.P. | 300 | Completed |
| 15 | M/s. Anasuya Spinners Limited, Muraharipalli, Medchal, A.P. | 100 | Completed |
| 16 | M/s. Priyaranjani Fibres Limited, Ibrahimpatnam, R.R. Dist., A.P. | 100 | Completed |
| 17 | M/s. Tirumala Seung–Han Textiles Limited, Mahaboobnagar Dist., A.P. | 120 | Completed |
| 18 | M/s. Om Santhi Satins Limited, I.D.A. Bollaram, Medak Dist. | 80 | Completed |
| 19 | M/s. Suryavanshi Spinning Limited at Chandapur, Medak Dist., A.P. | 350 | Completed |
| 20 | M/s. Suryavanshi Spinning Limited at Rajna, A.P. | 200 | Completed |
| 21 | M/s. Suryavanshi Spinning Limited at Bhongiri, A.P. | 350 | Completed |
| 22 | M/s. Suryajyothi Spinning Limited at Makthal, Mahaboobnagar Dist., A.P. | 100 | Completed |
| 23 | M/s. Suryajyothi Spinning Limited at Balanagar, A.P. | 200 | Completed |
| 24 | M/s. Pavanraj Enterprises Limited, Rajam, Srikakulam Dist. | 150 | Completed |
| 25 | M/s. Sri Saritha Synthetics Limited, Anthakapalli, Rajam, Srikakulam Dist., A.P. | 100 | Completed |
| 26 | M/s. Boorugu Knits Limited., | 100 | Completed |
| 27 | M/s. Surya Latha Spinning Mills Limited, Ramtek | 100 | Completed |
| 28 | M/s. Surya Vanshi Spinning Mills Limited. | 150 | Completed |
| 29 | M/s. E.R. Textiles Limited, Hosur, Tamilnadu (Expansion works). | 100 | Completed |

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|----|---|-----|-------------|
| 30 | M/s. PEE VEE Textiles at Nagpur. | 200 | Completed |
| 31 | M/s. Surya Group spinning mills. | 400 | Completed |
| 32 | M/s. Salguti Plastics (spinning mill) at Jedcharla, Mahaboobnagar Dist. | 150 | Completed |
| 33 | M/s. Narasannapeta Co-operative Spinning Mills at Srikakulam Dist. | 100 | Completed |
| 34 | M/s. Amoda Spinning Mills at Jaggayyapet. | 200 | Completed |
| 35 | M/s. Spads Textiles Ltd., at Jaggayyapet. | 200 | Completed |
| 36 | M/s. Suryajyothi Spinning Mills Pvt. Ltd., at Jedcherla Mandal, Mahaboobnagar Dist., A.P. | 500 | Completed |
| 37 | M/s. Sriramagiri Spinning Mills Pvt. Ltd., at Mohammadabad Village, Narayanpur Mandal, Nalgonda Dist. | 300 | Completed |
| 38 | M/s. Suryaambaa Spinning Mills Ltd., Nagpur | 835 | Completed |
| 39 | M/s. Suryalata Spinning Mills Ltd., Urukonda, Mehboobnagar Dist. | 820 | In Progress |

FERRO ALLOYS PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|---|-------------------------------------|------------------|
| 1 | 2 nd & 3 rd Plants of M/s. Navabharat Ferro Alloys Ltd., at Paloncha, Khammam Dist, A.P. (Works includes design of foundations for Ferro Silicon Furnaces) | 300 | Completed |
| 2 | 1 st & 2 nd Plants of M/s. VBC Ferro Alloys Limited at Rudraram Village, Medak Dist, A.P. (Works includes design of foundations for Ferro Silicon Furnaces) | 300 | Completed |
| 3 | M/s. Ispat Alloys Limited Phase III, Balasore, Orissa (Work includes design of foundations for Ferro Silicon Furnaces) | 120 | Completed |
| 4 | M/s. Karthik Alloys Limited, Goa. | 100 | Completed |
| 5 | M/s. Balaji Electro Smelters Ltd., Yavathmal, Maharashtra | 50 | Completed |
| 6 | M/s. Jindal Ferro Alloys Limited, at Kothavalasa, Vizianagaram Dist., A.P. | 20 | Completed |
| 7 | M/s. Bhutan Ferro Alloys Ltd., Bhutan, with Elkem Technology Norway (Elkem Metallurgy Ltd., Bombay) | 50 | Completed |
| 8 | M/s.Visveswaraya Iron & Steel Ltd., Bhadravati, Karnataka (Modernisation of Ferro Silicon Plants for Elkem Metallurgy Ltd., Bombay) | 50 | Completed |
| 9 | M/s.Ispat Alloys Ltd., Balasore,Orissa(Expansion of Furnaces IV& V) | 500 | Completed |
| 10 | M/s. Pooja Ferro Alloys Ltd., Goa | 100 | Completed |
| 11 | M/s. GMR Vasavi Industries Ltd., Tekkali, Srikakulam Dist. | 100 | Completed |
| 12 | M/s. Nav Chrome Limited, Dhenkanal, Orissa state (Formerly Navbharat Ferro Alloys Ltd.,) | 120 | Completed |
| 13 | M/s. Sri Vasavi Industries Ltd., Bishnupur, West Bengal. | 900 | Completed |
| 14 | M/s. Balasore Alloys Ltd., Balasore, Orissa. | 250 | Completed |
| 15 | M/s. VBC Industries Limited at Akkalapalle, Adilabad Dist (Works includes design of foundations for Ferro Silicon Furnaces) | 500 | Completed |
| 16 | M/s. Rohit Ferro Tech Ltd., Kalinganagar Industrial Complex, Duburi, Jajpur, Orissa. | 67.5 MW CPP | In progress |
| 17 | M/s. Sarda Metals & Alloys Ltd., at Kothavalasa, Vizag. | | Completed |
| 18 | M/s. ABHIJEET GABON FERRO ALLOYS at Gabon, Libreville, South Africa. | 27.5 x 8 MW | In progress |

POWER PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|--|-------------------------------------|------------------|
| 1 | M/s. Bharat Heavy Electricals Limited at Ramachandrapuram, Hyderabad, A.P. (Gas Turbine Plant for Govt. of J & K). | 100 | Completed |
| 2 | M/s. Navabharat Ferro Alloys Ltd., Paloncha, Khammam Dist. (60 MW) | 100 | Completed |
| 3 | M/s. H.C.L Agro Power Ltd., Vedadri, Krishna Dist., A.P. | 100 | Completed |
| 4 | Quarayat Power Plant expansion project of electricity corporation, Kingdom of Saudi Arabia for B.H.E.L, Hyderabad, India. | 200 | Completed |
| 5 | M/s. Chhattisgarh Electricity Supply Company Pvt. Ltd., Siltara, Raipur Dist., M.P. | 500 | Completed |
| 6 | M/s. 1 X Fr 5 Co-generation plant, IOCL, Barauni, Bihar State. | 500 | Completed |
| 7 | M/s. Nagarjuna Electric Generation Co-Ltd., (10 MW Biomass based power plant) | 100 | Completed |
| 8 | M/s. Navabharat Ferro Alloys Ltd., Paloncha, Khammam Dist. | 300 | Completed |
| 9 | M/s. Navabharat Ferro Alloys Ltd., Paloncha, Khammam Dist. | 300 | Completed |
| 10 | M/s. Navabharat Ferro Alloys Ltd., Samalkot, East Godavari Dist. | 200 | Completed |
| 11 | M/s. Hygrade Pellets Pvt. Ltd., Visakhapatnam (25 MW) | 500 | Completed |
| 12 | M/s. Indur Green Power Pvt. Ltd., at Zaheerabad. | 100 | Completed |
| 13 | M/s. Ushodaya Energy and Project Consultants Pvt. Ltd., (A/C Lahari Power and Steels Pvt. Ltd.) at Madwa Village, Jangir – Champa Dist in Chattisgarh state (9.8 MW) | 500 | Completed |
| 14 | M/s. Patnaik Steels (Power Plant) at Orissa Dist. (15 MW) | 300 | Completed |
| 16 | M/s. Nava Barat Energy India Ltd., Paloncha, Khammam Dist. (15 MW) | | Completed |
| 17 | M/s. DF Power Systems Pvt. Ltd., 150 MW BTG for NBEIL, Paloncha–preparing Fabrication drawings for TG building steel super-structure | | Completed |
| 18 | M/s. Pinakine Power Projects Pvt. Ltd.. D. Nandyala Village, Jammalamadugu, YSR Kadapa Dist. | 500 | In Progress |
| 19 | M/s. Redan Infrastructure (P) Ltd., | 450 | Completed |

MATERIAL HANDLING PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|---|-------------------------------------|------------------|
| 1 | FEDO (Cochin Shipyard) | 40 | Completed |
| 2 | M/s. Reclaim Conveyors for Singareni Collieries Limited | 60 | Completed |
| 3 | M/s. HFCL, Barauni, Assam. | 90 | Completed |
| 4 | M/s. National Mineral Development Corporation Limited. | | |
| a | Screen plant at Vizag, A.P. | 400 | Completed |
| b | Central Workshop at Bailadilla | 300 | ” |
| c | Diamond Mining Plant at Panna M.P. | 100 | ” |
| 5 | M/s. TRF Ltd., Gujarat Mineral Development Corpn. Ltd., Jamshedpur. | 150 | Completed |
| 6 | M/s. FFE Minerals, Chennai. | 100 | Completed |
| 7 | M/s. Bevcon Wayors Ltd., at Hyderabad | 150 | Completed |
| 8 | M/s. TPSC INDIA LTD., Hi-Tech City, Madapur, Hyderabad. | 500 | Completed |

GOVT. PROJECTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|---|-------------------------------------|---------------------|
| 1 | B.H.E.L– I at Ramachandrapuram, Hyderabad. | 300 | Completed |
| 2 | B.H.E.L– II. | 300 | Completed |
| 3 | National Small Industries Co-Ltd., | 70 | Completed |
| 4 | A. P. Scooters Ltd., Patancheru, Medak, A. P. | 70 | Completed |
| 5 | A. P. S.T.C – Air Cargo Complex, Hyderabad Airport. | 225 | Completed |
| 6 | B.H.E.L–I (02 Super Heavy Bay) at Ramachandrapuram, Hyderabad. | 700 | Completed |
| 7 | B.H.E.L– II (9 FA Assembly and Test facility) at Ramachandrapuram, Hyderabad. | 880 | Completed |
| 8 | B.H.E.L– Bhopal, CNC Machine shop. | 1800 | Completed |
| 9 | Gail (India) Ltd., at Rajahmundry, East Godavari Dist, A.P. | 350 | Completed |
| 10 | Gail (India) Ltd., at Visakhapatnam. | 65 | Completed |
| 11 | B.H.E.L– Bhopal, Press shop | 1800 | Completed |
| 12 | CPRI (Central Power Research Institute) – UHV Lab, Uppal, Hyderabad. | 1300 | In progress |
| 13 | MIDHANI (Mishra Dhatu Nigam Ltd.,) – Kanchanbagh, Hyderabad. | 485 | In progress |

SPONGE IRON PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|--|-------------------------------------|---------------------|
| 1 | M/s. Goldstar Steel & Alloys Ltd., at Kothavalasa Village, Vizianagaram Dist., A.P. | 500 | Completed |
| 2 | M/s. Kumar's Metallurgical Corporation Limited at Chityala village, Nalgoanda, Dist., A.P. | 800 | Completed |
| 3 | M/s. Raipur Alloys & Steel Limited at Raipur, M.P | 600 | Completed |
| 4 | M/s. Sponge Iron India Ltd., Submerged Src Furnace Plant, Paloncha, A.P. | 150 | Completed |
| 5 | M/s. Sponge Iron India Ltd., at Paloncha, A.P. (Gas cleaning plant) | 90 | Completed |

INDUSTRIAL PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|--|-------------------------------------|---------------------|
| 1 | M/s. Rhino Tyres Ltd., at Kothavalasa Village, Vizianagaram Dist, A. P. | 150 | Completed |
| 2 | M/s. Hyderabad Allwyn Ltd., at Sanathnagar, Hyderabad. | 50 | Completed |
| 3 | M/s. Aeronautical Material Testing Laboratories for Mishra Dhatu Nigam Ltd., at Hyderabad. | 100 | Completed |
| 4 | M/s. Saptagiri Camphor Ltd., at Anantapur, Dist, A. P. | 200 | Completed |
| 5 | M/s. Shez Leathers Ltd., at Batasingharam, R.R Dist, A. P. | 200 | Completed |
| 6 | M/s. Semi Conductor Complex Ltd., RCI, Hyderabad. | 100 | Completed |

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|----|--|------|-----------|
| 7 | M/s. Spectra Agro Chem Ltd., at Vijayawada, Krishna Dist, A. P. | 100 | Completed |
| 8 | M/s. Arrow Cables Ltd., at Bachipalli, Medak Dist, A. P. | 307 | Completed |
| 9 | M/s. Hindustan Coca Cola Beverages Ltd., (formerly M/s. Bharat Coca Cola Bottling South East Pvt. Ltd.,) Ameenpur Unit (Expansion works). | 120 | Completed |
| 10 | M/s. Hindustan Coca Cola Beverages Ltd., (formerly M/s. Bharat Coca Cola Bottling South East Pvt. Ltd.,) Maula Ali Unit (Expansion works). | 60 | Completed |
| 11 | M/s. Jasper Industries Ltd., at Judavalli Village, Krishna Dist, AP | 250 | Completed |
| 12 | M/s. Hindustan Coca Cola Beverages Pvt. Ltd., at Mehdipatnam, Hyderabad. | 132 | Completed |
| 13 | M/s. Samkrp Pistons Ltd., at Bonthapally, Medak Dist, A. P. (Including expansion works) | 200 | Completed |
| 14 | M/s. Tecumseh Products India Ltd., Balanagar, Hyderabad. | 500 | Completed |
| 15 | M/s. Softpro Systems Pvt. Ltd., Madhapur, R. R. Dist., A. P. | 1000 | Completed |
| 16 | M/s. MARC Manufacturers Ltd., at Gandhinagar, Hyderabad. | 500 | Completed |
| 17 | M/s. Lokesh Machines Ltd., at Balanagar, Hyderabad and Medchal, R. R. Dist. | 150 | Completed |
| 18 | M/s. M.L.R. Motors at Balanagar, Hyderabad | 100 | Completed |
| 19 | M/s. Ramky Enviro Engineers Ltd., at Hyderabad and Mumbai. | 500 | Completed |

SUGAR PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|---|-------------------------------------|------------------|
| 1 | M/s. Deccan Sugars and Abkhari Company (Expansion works) Samalkota, East Godavari Dist. | 20 | Completed |
| 2 | M/s. Sree Vani Sugars & Industries Limited, Punganuru, Chittoor Dist., A.P. | 200 | Completed |
| 3 | M/s. N.C.S Gayatri Sugars Ltd., Kamareddy, Karimnagar Dist., A.P. | 800 | Completed |

GRANITE PROCESSING AND CERAMIC PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|--|-------------------------------------|------------------|
| 1 | M/s. Stiles India Limited at Tirupathi, A. P. | 150 | Completed |
| 2 | M/s. Rikvin Floors Ltd., at Nalgonda Dist., A. P. | 65 | Completed |
| 3 | M/s. Vijaya Granites Pvt. Ltd., at Gajulamandyam Village, Chittoor Dist., A. P. | 20 | Completed |
| 4 | M/s. Jaswal Granites Ltd., at Toopran, Medak Dist., A. P. | 100 | Completed |
| 5 | M/s. Gopikrishna Granites (India) Ltd., at Ramanthapur Village, Medak Dist., A. P. | 50 | Completed |

OIL BULK DRUGS & PHARMACEUTICAL PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|---|-------------------------------------|------------------|
| 1 | M/s. Globe Organics Limited, Pharma Division, Bachipalli, Medak | 200 | Completed |

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|----|--|------|-----------|
| | Dist., A. P. | | |
| 2 | M/s. Cheminor Drugs Limited, Pydibhimavaram, Srikakulam Dist., A. P. | 300 | Completed |
| 3 | M/s. Doctor Organics Chemicals Ltd., Venkatarayapuram, West Godavari Dist, A. P. | 120 | Completed |
| 4 | M/s. Avra Laboratories Ltd., Nacharam, Hyderabad. | 120 | Completed |
| 5 | M/s. Bhagiradha Chemicals (P) Ltd., Ongole. | 100 | Completed |
| 6 | M/s. Divis Laboratories Ltd., Choutuppal, Nalgonda Dist., A. P. | 800 | Completed |
| 7 | M/s. Avon Organics Ltd., Sadasivpet, Medak, A. P. | 300 | Completed |
| 8 | M/s.S.M.S.Pharmaceuticals Ltd., I.D.A, Bollaram, Medak Dist., A. P. | 300 | Completed |
| 9 | M/s. Rajya Lakshmi Laboratories Ltd., Pashamailaram, Medak Dist., A. P. | 200 | Completed |
| 10 | M/s. Everest Organics Ltd., Sadasivpet., A. P. | 100 | Completed |
| 11 | M/s. Dai-Ichi Karkaria Ltd., I.D.A, Nacharam, Hyderabad. | 300 | Completed |
| 12 | M/s. Vorin Laboratories Limited, Khazipally, Medak Dist., A. P. | 200 | Completed |
| 13 | M/s. Fortune Bio-Tech Ltd., Raigiri Village, Hyderabad. | 80 | Completed |
| 14 | M/s. Vera Laboratories Limited, Pusapatirega, Vizianagaram Dist., A. P. | 200 | Completed |
| 15 | M/s. Dr. Reddy's Laboratories Limited, (Unit – I) Bollaram, Medak Dist., A. P. | 40 | Completed |
| 16 | M/s. Dr. Reddy's Laboratories Limited, (Generics Division) Bachupally, Medak Dist., A. P. | 600 | Completed |
| 17 | M/s. Dr. Reddy's Laboratories Limited, (Unit – II) Bollaram, Medak Dist., A. P. | 150 | Completed |
| 18 | M/s. Dr. Reddy's Laboratories Limited, (Unit – III) Bollaram, Medak Dist., A. P. | 120 | Completed |
| 19 | M/s. Hetero Drugs Ltd., Khazipally, Medak, A. P. | 200 | Completed |
| 20 | M/s. Dr. Reddy's Laboratories Limited, (Generics Division – Expansion) Bachupally, Medak Dist, A. P. | 400 | Completed |
| 21 | M/s. Dr. Reddy's Laboratories Limited, (Unit – VI) (formerly Cheminor Drugs) Bollaram, Medak, A.P. | 300 | Completed |
| 22 | M/s. Avon Organics Ltd., Sadasivpet, Medak, A. P. | 200 | Completed |
| 23 | M/s. Cheminor Pharma Ltd., Bachupally (Expansion work) | 150 | Completed |
| 24 | M/s. Chemtech Fertilizers Ltd., Khazipally | 125 | Completed |
| 25 | M/s. Lee Pharma Ltd., Kistayyapally Village, Jinnaram Mandal, Medak Dist.. | 100 | Completed |
| 26 | M/s. Asta Laboratories Ltd., | 200 | Completed |
| 27 | M/s. Hygro Chemicals Ltd., | 250 | Completed |
| 28 | M/s. Biological – E – Ltd., Azamabad, Hyderabad | 1200 | Completed |
| 29 | M/s. Arch Pharma Labs Ltd., Sangareddy, Medak Dist | 200 | Completed |
| 30 | M/s. Granules India Ltd., Bonthapally, Medak Dist | 1500 | Completed |
| 31 | M/s. Lee Pharma Ltd., Jinnaram Mandal, Medak Dist.. | 500 | Completed |
| 32 | M/s. Discovery Intermediates Pvt. Ltd., at Choutuppal, Nalgonda Dist. | 150 | Completed |
| 33 | M/s. SUVEN NISHTAA PHARMA PVT LTD., at Pashamylaram, Medak Dist | 500 | Completed |
| 34 | M/s. Marchaa Biotech Ltd., at Sholapur | 80 | Completed |

PAPER MILLS

| Sl.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|---|----------------------------------|------------------|
| 1 | M/s.Vamsadhara Paper Mills Ltd., Madapam, Srikakulam Dist., A. P. | 200 | Completed |

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| 2 | M/s. ITC LTD., Paper Boards & Specialty Papers Division, Coating Plant at Bollaram, A. P. | 300 | Completed |
| 3 | M/s. ITC LTD., Paper Boards & Specialty Papers Division, Bhadrachalam, Khammam Dist., A. P. (Expansion of ETP Works) | 500 | Completed |
| 4 | M/s. ITC LTD., Paper Boards & Specialty Papers Division, Cast Coating Plant at Bollaram, A. P. | 300 | Completed |

DISTILLERIES & BREWERIES PLANTS

| SI.NO. | NAME OF THE PROJECT | COST OF CIVIL WORKS RS. IN LAKHS | PROGRESS OF WORK |
|--------|---|-------------------------------------|------------------|
| 1 | Charminar Breweries Ltd., Shivampet, Pulkal Mandal, Medak Dist, A. P. | 150 | Completed |
| 2 | Charminar Breweries Ltd., Shivampet, Pulkal Mandal, Medak Dist, A. P. | 200 | Completed |
| 3 | Buckingham Distilleries & Breweries Ltd., Jabalpur. | 400 | Completed |
| 4 | Sica Breweries Ltd., Pondicherry. | 150 | Completed |
| 5 | Artos Breweries Ltd., Ramachandrapuram, East Godavari Dist., AP | 100 | Completed |
| 6 | Crown Beers India Ltd., Mallapur Village, Kondapur Mandal, Medak Dist., A. P. | 150 | Completed |

LIST OF MATERIAL HANDLING PROJECTS HANDLED FOR M/S. SANDVIK ASIA LTD.,

| SL. NO. | NAME OF THE PROJECT | SCOPE | PROGRESS OF WORK |
|---------|--|---|------------------|
| 1 | M/s. ESSEL Mining & Industries Ltd., Works at Khasia | Civil / Structural Design for buildings, conveyors and preparation of RCC & structural fabrication drawings for 200 TPH Crushing & Screening Plant | Completed |
| 2 | M/s. Bhushan Steel & Strips Limited Works at Orissa | Civil / Structural Design for buildings, conveyors and preparation of RCC & structural fabrication drawings (2000 tons) for 400 TPH IRON ORE CRUSHING & SCREENING PLANT | Completed |
| 3 | M/s. Global Minetec Limited Works at Dubai | Civil / Structural Design for buildings, conveyors and preparation of RCC & structural fabrication drawings (1500 tons) of 500 MTPH Gabbro Crushing & Screening Plant | Completed |
| 4 | M/s. BIHAR SPONGE IRON LTD., Works at Bihar | Civil / Structural Design for buildings, conveyors and preparation of RCC & structural fabrication drawings (200 tons) of 1000 TPH Crushing & Screening Plant | Completed |
| 5 | M/s. Sunway Constructions Works at Jhansi | Civil / Structural Design for buildings, conveyors and preparation of RCC & structural fabrication drawings of 325 TPH Crushing & Screening Plant | Completed |
| 6 | M/s. Sunway Constructions Works at Kota | Civil / Structural Design for buildings, conveyors and preparation of RCC & structural fabrication drawings of 325 TPH Crushing & Screening Plant | Completed |
| 7 | M/s. DRA BLA BCL LTD., Works at Guwahati | Civil / Structural Design for buildings, conveyors and preparation of RCC & structural fabrication drawings of 210 TPH Crushing & Screening Plant. | Completed |
| 8 | M/s. Aarti Steels | Designing and preparation of Receiving Hopper | Completed |

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|----|--|---|-----------|
| | | supporting structure, Primary crusher, Secondary Screen and its Platforms | |
| 9 | M/s. DR. Agarwal Works at New Delhi | Designing and preparation of construction drawings for Retaining wall, Extraction Tunnel, Conveyors and its fabrication drawings and loading platform | Completed |
| 10 | M/s. Soma Enterprises Ltd., | Designing and preparation of civil works for all stations including conveyors and Transfer towers | Completed |
| 11 | M/s. IJM Industries Ltd., | Designing and preparation of Receiving Hopper supporting structure, Primary crusher, Secondary Screen and its Platforms | Completed |
| 12 | M/s. OMAN Project | Designing and preparation of Receiving Hopper supporting structure, Primary crusher, Secondary Screen and its Platforms | Completed |
| 13 | M/s. Leighton Contractors India Pvt. Ltd., | Design and preparation of RCC drawings for 225 TPH Crushing and Screening Plants at Agra. | Completed |
| 14 | M/s. Leighton Contractors India Pvt. Ltd., | Design and preparation of RCC drawings for 215 TPH Crushing and Screening Plant and 250 TPH Stage 2 at Indore. | Completed |

RESIDENTIAL/COMMERCIAL/MALLS/EDUCATIONAL INSTITUTIONS / HOSPITALS / HOTELS

| SI.NO | NAME OF THE PROJECT |
|-------|---|
| | RESIDENTIAL BUILDINGS |
| 1 | Sri. Appa Rao (IAS) at Prashasan nagar |
| 2 | Sri. M.V.P.C.Sastri (IAS) at Prashasan nagar |
| 3 | Smt. Sujata Rao (IAS) |
| 4 | Chief Engineer Residence at Dowleswaram |
| 5 | Sri. P.V.Rao (IAS) at Jubilee hills |
| 6 | Sri Harish kumar (IAS) Prashasan nagar |
| 7 | Sri. J. Satyanarayana (IAS) |
| 8 | Smt. Sujata Rao (IAS) |
| 9 | Sri. B.E. Rao (Sangfroid) |
| 10 | Sri. A.B.K. Prasad (Chief Editor Vartha) |
| | EDUCATIONAL INSTITUTIONS/HOSTEL BUILDINGS |
| 11 | GITAS Engineering college at Bobbili |
| 12 | Auditorium for ITCBPL School Bhadrachalam |
| 13 | YSR Auditorium for DCC Srikakulam |
| 14 | School building at Avanigadda |
| 15 | Hostel building for VEDIC ACADEMY at Shamshabad |
| 16 | Hostel building for GITAM University at Rudraram |
| 17 | Hostel building for APARD Rajendranagar |
| 18 | Dormitory Building for Divis Labs at Choutuppal |
| 19 | School building for Bhavya Cements Ltd., Dachevall |
| 20 | Guest house at Eluru (Irrigation Dept.) |
| 21 | Jubilee Hills Public school |
| 22 | Guest house for K L Rao Sagar Pulichinthala project Krishna Dist. |

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| 23 | Annadaana Sathram at SRISAILAM |
| 24 | Billy Graham Church at Nagayalanka |
| | HOSPITALS/MULTIPLEX |
| 25 | Usha Prasad Multiplex at Nizamabad |
| 26 | Sarojini Hospital at Srikakulam |
| 27 | Venkateswara Ortho Health care at Secunderabad |
| 28 | Saisimha Hospital at Srikakulam |
| 29 | LV Prasad Eye Institute at Vijayawada |
| 30 | Livelif at Vijayawada |
| 31 | Swapna Nursing House at Greenlands, Hyderabad |
| 32 | M/s. Indian Veterinary Research Institute, UP |
| | OFFICE BUILDINGS |
| 33 | GAIL India Ltd., at Rajahmundry |
| 34 | GAIL India Ltd., at Visakhapatnam |
| 35 | Soft pro systems at Shamshabad |
| 36 | CFD Building for BHEL, Vikasnagar |
| 37 | COE Pumps & Office for BHEL, Vikasnagar |
| 38 | Air Cargo complex at Begumpet Airport, Hyderabad |
| 39 | CE Office at Dowleswaram |
| 40 | Soft pro systems at Madhapur, Hyderabad. |
| 41 | Indira Vigyan Bhavan DCC Office at Srikakulam |
| 42 | Admin blocks for Ramky at Ramky Pharmacity Vizag |
| 43 | Admin & Process house for GHMC at Chengicherla |
| 44 | Sheep Slaughter house for GHMC at Amberpet |
| 45 | Phosphating Center for GREYHOUNDS at Gandipet |

SERVICES OFFERED

We are sure that our association and business relationship would make success organizations. We offer our consultancy for the various services as detailed below for Structural Engineering Services, Mechanical, Civil, Architectural, electrical and etc.,

- ❖ **Structural Engineering services**
- ❖ **Mechanical engineering service**
- ❖ **Electrical & HVAC engineering service**
- ❖ **Architectural services**
- ❖ **Project Management**
- ❖ **Cost Management**
- ❖ **Estimation, tendering and bar bending schedule**
- ❖ **Structural proof consultancy**

STRUCTURAL ENGINEERING SERVICES:

Design & Detailing – Concrete:

Preliminary design and quantity estimation at pre-bid stage
Foundation design and load data for other engineering activities
Preparation of technical specifications for bids
General Arrangement and reinforced concrete detail drawings for all concrete structures related to project with comprehensive bending schedules.

Design & Detailing – Steel:

Preliminary design and quantity estimation at pre-bid stage.
Preparation of technical specifications for bids
Scheme Drawings
Fabrication drawings
Development views for profile cuttings.
Material takeoff for structural steel procurement

Finite Element Modeling and Analysis

We carry out finite element analysis for all structures using software packages.

Peer review

We also undertake peer review work for analysis and design carried out by others. We do this by verifying the structural model & results of others or by doing a completely independent analysis depending on the client's requirement.

MECHANICAL ENGINEERING SERVICES:

- ① Prepare final layout and flow sheet based on the main machinery selected and approved preliminary layout and flow sheet.
- ① Review and approve the general arrangement drawings prepared by the equipment/machinery suppliers for various process departments to coordinate and to ensure that they meet all the requirements as laid down in the respective specifications including chutes etc.,
- ① Participation in the meetings with the customer, main equipment suppliers, Auxiliary equipment suppliers.
- ① Preparation of general arrangement of drawings between the departments uncovered in the equipment supplier scope and the interconnecting/hook-up drawings as required for the completion of engineering properly as a whole.
- ① Review and scrutinize of compressed air supply system drawings including bill of materials required for the plant operation
- ① Coordination with the drawings supplied by the various equipment suppliers and to see that all the necessary drawings required for project are supplied.
- ① Preparation of tender documents giving specifications, general conditions of contract, special conditions of contract—etc., and invite the bidders for finalizing the fabrication and erection contractor.
- ① Evaluate the bids received and prepare the comparative statement and assisting in selection of the tenderer.
- ① Review the load data, anchor plan and other engineering data supplied by the equipment supplier.
- ① Review and scrutinize of drawings for the submission to factory Inspectorate and authorities for their approval.
- ① Review and scrutinize of as built drawings incorporating the site instructions and submissions of the same.

ELECTRICAL & HVAC ENGINEERING SERVICES:

- ① System Design and design criteria covering the Power requirement, Power supply, Power distribution, plant earthing, lightning protection for buildings.
- ① Preparation of detailed drawings for plant illumination including lux. levels.
- ① Fault level calculations and relay coordination/settings.
- ① Technical support required submitting the application to the state electricity board for the power supply system/requirement.
- ① Preparation of detailed specification and tender document and assistance for evaluation of bids received for the procurement of the following equipment.
- ① Main receiving station including power transformers
- ① Distribution transformers
- ① HT and LT Switchboards
- ① Motor Control Centers
- ① Under ground and overhead cables covering HT & LT cables

- ① Control Cables
- ① Lightning protection equipment
- ① Power Factor Improvement Equipment
- ① HT and LT Motors, Thyristorised DC variable speed motors and associated control panels and drives
- ① 110V Battery and battery chargers
- ① AC Variable Drive
- ① HT & LT Capacitor
- ① Field mounting electrical equipment.
- ① Plant Illumination, lighting and.
- ① Plant earthing.
- ① Preparation of tender documents giving specifications, General conditions of contract, special conditions of contract etc., and invite the bidders for finalizing the erection contractor.
- ① Evaluate the bids received and prepare the comparative statement and assist to select the contractor.
- ① Participation in the meetings with the customer, equipment suppliers, and any other agencies involved in the project.
- ① Review and scrutinize the GA drawings, power and control schematics and design details for the equipment and to check conformity with technical specifications.
- ① Review and scrutinize the layout and electrical engineering drawings showing general arrangement and detailed engineering such as.
 - ① Indoor/outdoor receiving stations
 - ① Preparation of single line diagrams
 - ① Main pant Sub–station
 - ① Load centers
 - ① Motor control stations
 - ① Thyristor converter rooms
 - ① Main cable tunnels and Cable trenches
 - ① Cable routing details and clamp terminal diagrams
 - ① Cable scheduling/cable termination details
 - ① Field mounted electrical equipment
 - ① System and equipment earthing
 - ① Lightning protection of plant structures
- ① Review and scrutinize the drawings for the submission to Electrical Inspectorate for substations.
- ① Review & scrutinize the as built drawings incorporating the site instructions and submission of the same in soft copy.

ARCHITECTURAL SERVICES:

- ① Preparation of conceptual and schematic sketches and layout based on the clients requirement and to suit the site conditions, terrain, environment and presentation of the same for the approval from the clients.
- ① Revising the schemes (if necessary) to suit the clients functional demand and provision for future expansion, during the discussions and interaction on space planning and functions.
- ① Drafting specifications and selection of finishes, materials etc., to suit the clients functional requirements, workable intricacy, Epicurean outcome and aesthetic appeal.

- ⌚ Preparation of drawings for getting approval from local authorities and financial institutions.
- ⌚ Finalizing the schemes, preparation of detailed architectural working drawings for all items including elevations, sections, blowup details etc., for execution process.
- ⌚ Revising the drawings, if any changes are required either due to site problems or due to change in functional demand during the progress of the work.
- ⌚ Selection and choosing of right type of material and finish viz., floor covering, wall and ceiling finish, textures and shades, cladding etc.,

PROJECT MANAGEMENT:

- ⌚ Preparation of Bar chart / CPM / Pert
- ⌚ Coordination between Architect, structural Engineers, clients and contractors
- ⌚ Full time supervision of the projects, material supply schedule
- ⌚ Checking and certifying bills of contractors
- ⌚ Monitoring and optimizing and counter cost measure.
- ⌚ Checking of structural design (if required by the client)
- ⌚ Quality control
- ⌚ Health and safety provisions co-ordination
- ⌚ Ensuring all necessary compliance.

COST MANAGEMENT:

- ⌚ Quality survey
- ⌚ Budgeting
- ⌚ Tendering process
- ⌚ Contract administration
- ⌚ Value engineering
- ⌚ Cash flow management
- ⌚ Bill certification
- ⌚ Cost control

STRUCTURAL PROOF CONSULTANCY:

- ⌚ Verifying proposed structural system at conceptual stage. Scrutiny & review of Design calculations & drawings
- ⌚ Preparation of Detailed Report with Recommendations

ESTIMATION, TENDERING & BAR BENDING SCHEDULE:

- ⌚ Preparation of Specifications, Estimates & Tender Documents
- ⌚ Preparation of Bill of Quantities.
- ⌚ Preparation of Bar Bending Schedule.