

# ERCOM GROUP OF COMPANIES

(ISO-9001 : 2015 CERTIFIED)



## CORPORATE PROFILE



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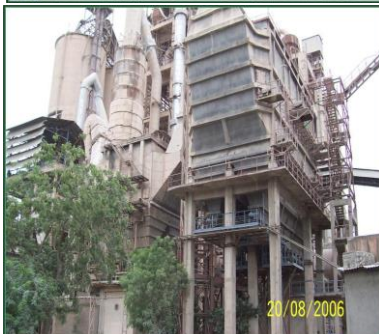
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# ERCOM

in the  
SERVICE  
of  
CEMENT  
&  
INFRASTRUCTURE  
INDUSTRY  
for the last  
38 YEARS



**ERCOM Engineers Pvt. Ltd., New Delhi** is today a trusted name in the field of Technical Management and Engineering Consultancy Services for the Cement and other continuous process industries.

ERCOM is an ISO-9001: 2015 certified Engineering Consultancy Services Company and have worked in several hundred of assignments not only for major Industrial Houses in India but also in more than 31 countries abroad. The Service spectrum of ERCOM covers the following areas:

• <i>Site selection and Pre-feasibility</i>	• <i>Energy Conservation</i>
• <i>Bankable Techno-Economic Feasibility Report</i>	• <i>Market Analysis</i>
• <i>Geological Investigation &amp; Mine Planning</i>	• <i>Preventive Maintenance</i>
• <i>Basic and Detail Engineering</i>	• <i>Site Supervision</i>
• <i>Inspection &amp; Quality Assurance Services</i>	• <i>Operational Management</i>
• <i>Project Monitoring Services and Management</i>	• <i>Civil and Structural Design Engineering</i>
• <i>Productivity Optimization</i>	• <i>Acquisition and Merger Studies</i>
• <i>Computerization Studies</i>	• <i>Technical Studies</i>

Over the years ERCOM has earned an enviable reputation as a customer need driven organization, providing the clients with high quality Consultancy Services through higher levels of Technical and Human excellence.

For your requirement of Technical Consultancy right from concept to commissioning of green field or brown field cement project and also for operational optimization in your existing plants, please contact :



## M/S ERCOM ENGINEERS PVT. LTD.

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## BRIEF ABOUT ERCOM

ERCOM Engineers Pvt. Ltd. is an ISO-9001:2015 Certified Technical and Engineering Consultancy Organization specialized in the field of Cement & Building Materials Industry and have successfully provided Technical & Engineering Consultancy Services to hundreds of reputed Clients in over 31 countries across the globe during the last 38 years. ERCOM is a part of a Global Multi-national Group IPS based in Pennsylvania in USA with over 360 Strong & Competent Technical Experts based in New Delhi & Mumbai. A brief profile on ERCOM along with partial reference list of assignments carried out is enclosed. Further details shall also be available at ERCOM's website at [www.ercomgroup.org](http://www.ercomgroup.org).

For any entrepreneur wanting to set up a Green Field Project, we provide the entire Technical and Engineering support covering all areas of the project like;

- ❖ Site Selection and Pre-feasibility Study.
- ❖ Study and evaluation of limestone deposit and also guide the entire Geological prospecting work including Core Drilling, Sample Analysis and Preparation of Computerized Deposit Evaluation Report to establish the reserve quantity and quality.
- ❖ Preparation of a Bankable Techno-Economic Feasibility Report (TEFR) or Detailed Project Report (DPR).
- ❖ Complete Basic Engineering and Procurement Assistance to enable the client to source the cement plant on a turnkey basis from India / abroad, which shall also include preparation & floating of machinery tender documents, technical evaluation of offers from machinery suppliers, discussions with all machinery suppliers and assistance in order finalization / contract documentation.
- ❖ Complete Detail Engineering or Review of engineering drawings from the turnkey supplier.
- ❖ Preparation of Quality Assurance Plan (QAP) for the entire plant & machinery and carry out inspection at the Vendor works prior to dispatch.
- ❖ Project Monitoring of the entire project and assistance in site Supervision as per the requirement of the project to be mutually discussed and agreed.
- ❖ Project Management, Erection & Construction Supervision, etc.
- ❖ Third Party Inspection, Expediting Work and Vendor Development Work.

In addition to complete Project Engineering Consultancy Services for Green Field & Brown Field Expansion Projects, ERCOM also provides specialized services in the field of Waste Heat Recovery (WHR) Systems, Material Handling Systems, Captive Power Projects, Services to Operating Cement Plants covering Productivity Optimization, Reduction in Energy Consumption, Maintenance and other services like Appraisal & Due Diligence Studies for takeover, etc.

**ERCOM IS REGISTERED AS CONSULTANT  
OR MEMBER OR HAVE CARRIED OUT  
ASSIGNMENTS FOR THE FOLLOWING**

<b>➤ Lead Indian Financial Institutions like IDBI, IFCI and Other Banks</b>	<b>➤ Asian Development Bank (ADB)</b>
<b>➤ Federation of Indian Chambers of Commerce and Industry (FICCI)</b>	<b>➤ World Bank / IFC Washington</b>
<b>➤ Confederation of Indian Industries (CII)</b>	<b>➤ The Associated Chambers of Commerce and Industry (Assocham)</b>
<b>➤ Consultancy Development Centre (CDC)</b>	<b>➤ Consulting Engineers Association of India (Affiliated to FIDIC)</b>



# **AREAS OF SERVICES RENDERED BY ERCOM**

- **Geological Exploration and Mines Planning Studies**
- **Site Selection and Pre-feasibility Study**
- **Market Assessment**
- **Bankable Techno-economic Feasibility Report**
- **Partner Identification for Technical Tie-up and Joint Ventures**
- **Assistance in Identification of Project Funding Sources**
- **Basic and Detailed Engineering**
  - **Process Design**
  - **Mechanical**
  - **Electrical, Instrumentation and Automation**
  - **Civil and Structural Design**
- **Inspection and Quality Assurance**
- **Project Monitoring and Construction Management**
- **Supervision of Erection and Commissioning**
- **Optimization and Operational Management**
- **Kiln and Refractory Management**
- **Energy Audit**
- **Technical Management Audit of operating Units**
- **Maintenance Audit**
- **Environmental Improvement Including EIA/EMP Studies**
- **Training, HRD and Manpower Planning**
- **Vendor and Sub-vendor Identification and Development**
- **Civil and Structural Design**
  - **Residential, Industrial, Commercial, Hospital Buildings.**
  - **Water Treatment & Sewage Treatment**
  - **Fabrication Drawing Preparation, Checking etc.**
  - **Building Rehabilitation Works.**
- **Due Diligence & Take over Studies.**
- **Material Handling & Long distance conveyor, Port, Jetty, Facilities.**
- **Waste Heat Recovery (WHR) System and Coal / Thermal Power Plants.**

## INDUSTRY-WISE CONSULTANCY PROFILE

Industry / Sector	No. of Assignments
Large Cement Plants	212
Mini Cement Plants	23
Power Projects including WHR	15
Aluminum Industry	6
Sponge Iron Projects	6
HVAC & Clean Room	15
Paper Industry	3
Steel Plants	5
Construction Projects	22
Ferro-Alloy Plants	2
Chemical / Mineral Separation Plants	10
Ceramic & Glass Industry	2
Automobile Industry	1
Water Treatment Plant	2

## **OUR ENGINEERING CONSULTANCY SERVICES INCLUDE THE FOLLOWING INDUSTRIES / AREAS**

- **Cement (Rotary & VSK)**
- **Jetty / Port Handling & Material Handling Systems**
- **Sponge Iron & Steel Rolling Mills**
- **Aluminium**
- **Bauxite Calcination**
- **Captive & WHR Power Plants**
- **Water Treatment Plants**
- **Material Handling Systems**
- **Building Material Industry**
- **System House Support**
- **HVAC & Clean Room Technology**
- **Civil Engineering Services**

## **BROAD PROFILE OF SERVICES RENDERED IN CERTAIN SELECTED AREAS**

<b>Nature of Assignment</b>	<b>Number of Assignments</b>
Site Selection and Pre-feasibility Studies	60
Geological Investigations and Mines Planning	60
Bankable Techno-Economic Feasibility Report (TEFR)	241
Basic Engineering & Procurement Assistance	53
Detailed Engineering	
➤ Mechanical and Electrical / Instrumentation	77
➤ Civil and Structural Design Engineering Services	80
➤ Project Monitoring, Project Management & Construction Supervision Services	28
Productivity Enhancement and Operational Management Studies	58
Maintenance Scheme / Audit	39
Management Services Including Due Diligence Study & Takeover Assistance	33
Waste Heat Recovery & Captive Power Projects	23
Assignments Funded by Banks/Financial Institutions	12



## BASIC & DETAIL ENGINEERING CONSULTANCY SERVICES FOR CEMENT PROJECTS

ERCOM have provided consultancy services towards finalization of Technical Concept, Basic Engineering and Procurement Assistance for a large number of cement projects of all sizes covering the entire range of 300 TPD, 600 TPD, 1000 TPD, 1200 TPD, 1500 TPD, 3000 / 3600 TPD, 4500 TPD, 6000 TPD, 8000 TPD AND 10000 TPD. Some of these assignments are mentioned below:

Capacity	Name of Clients / Projects
300 TPD	<ol style="list-style-type: none"> <li>1. Purechem Industries Ltd. , Nigeria</li> <li>2. Chariot Cement Ltd., Rourkela, India</li> <li>3. Saboo Lime &amp; Cement, Ambala (India).</li> </ol>
600 TPD	<ol style="list-style-type: none"> <li>1. Jaguar Overseas Export Central African Republic.</li> <li>2. Jammu &amp; Kashmir Cement Ltd. Srinagar (India).</li> </ol>
1000 TPD	<ol style="list-style-type: none"> <li>1. Falcon Cement Company, Bahrain.</li> <li>2. Hills Cement Company Ltd., Meghalaya (India).</li> <li>3. Nile Cement Company Ltd., Sudan</li> </ol>
1200 /1500TPD	<ol style="list-style-type: none"> <li>1. JUD Cement , Meghalaya (India)</li> <li>2. CMO Chekka, Lebanon</li> <li>3. G.S. Cementos, Mozambique</li> </ol>
3000/3600 TPD	<ol style="list-style-type: none"> <li>1. Goldstone Cements Ltd., India</li> <li>2. Neer Shree Cement, Morak, India</li> <li>3. J.K. Lakshmi Cement, Sirohi, India</li> <li>4. Grasim Cement Raipur, India.</li> <li>5. Gujarat Anjan Cement, Gujarat.</li> <li>6. Grasim Cement, Bathinda.</li> <li>7. Seament International SAL, Albania.</li> <li>8. Fushekroje Cement Factory, Albania.</li> <li>9. PPC Ltd, South Africa–Barnet Cement Project in Congo</li> <li>10. PPC Ltd, South Africa - Slurry Cement Plant in S. Africa.</li> <li>11. PPC Ltd., Msasa Project in Zimbabwe</li> </ol>
4500 TPD	<ol style="list-style-type: none"> <li>1. Raysut Cement Company, Oman</li> <li>2. Aditya Cement, Sambupura (Raj.)</li> </ol>
6000 TPD	<ol style="list-style-type: none"> <li>1. Ceylon Steel Corporation Limited, Sri Lanka.</li> <li>2. J.K. Lakshmi Cement Ltd., Durg, Chattishgarh</li> <li>3. Grasim Cement, Raipur expansion.</li> <li>4. Harish Cement Ltd. (H.P.)</li> </ol>
8000 TPD	<ol style="list-style-type: none"> <li>1. Gulf Cement Company, Ras Al Khaima, UAE.</li> </ol>
10000 TPD	<ol style="list-style-type: none"> <li>1. Abu Dhabi Cement Company (EIIC), Abu Dhabi. This project was planned by EIIC &amp; Holcim jointly.*</li> <li>2. Duqm Cement Projects International LLC, Oman</li> </ol>

**Note : 1** \*Work Done up to Basic Engineering & LOI / Ordering on Machinery Suppliers.

**: 2** For more details on our Basic Engineering & Detailed Engineering Services, please refer to the enclosed partial list of assignments.

**PARTIAL**

**LIST**

**OF**

**ASSIGNMENT**

## BASIC ENGINEERING & PROCUREMENT ASSISTANCE SERVICES

Sl. No.	Name of the Client	Capacity
1	Jaguar Overseas Export	Basic and Detail Engineering of 400 TPD plant at Central African Republic
2	Durgapur Cement	Engineering Services for New Cement Silo and allied works from Cement Mill - 5 to Existing Wagon D.E. Loading Station.
3	Grasim Cement, India	Basic engineering and procurement assistance for 1.2 million TPA OPC project near Raipur, India
4	Grasim Cement, India	Basic engineering and procurement assistance for 1.0 million TPA slag grinding unit at Raipur, India
5	Gujarat Anjan Cement Ltd., India	Basic engineering and procurement assistance for 1.0 million TPA cement plant at Kachchh, Gujarat, India
6	ABG Cement Ltd., India	Basic engineering and procurement assistance for 1.5 million TPA cement plant at Kachchh, Gujarat, India
7	Aditya Cement, India	Basic engineering and preparation of layout drawings for installation of pre-crusher in the cement mill circuit at Sambhupura, Rajasthan, India
8	Rhino Roofing, Sri Lanka	Basic engineering and procurement assistance for the 1200 TPD cement plant project in Sri Lanka
9	National Council for Cement and Building Materials, India	Providing technological support including basic engineering for implementation of environmental improvement scheme covering installation of ESP's in a cement plant in Tamil Nadu having 2 kilns of 750 TPD each capacity
10	Fuji Cement Co. (Lanka) Ltd., Sri Lanka	Basic engineering and procurement assistance consultancy for 1200 TPD cement grinding unit in Sri Lanka
11	Chittagong Cement Clinker Grinding Co. Ltd., Bangladesh	Basic engineering, and procurement assistance and environmental engineering for expansion of cement grinding unit to 1.0 million TPA capacity in Bangladesh.
12	Pittie Cement and Industries Ltd., India	Basic engineering and procurement assistance for Mechanical, Electrical and Instrumentation for the 1500 TPD cement plant in Bhavnagar, Gujarat, India
13	Saboo International Ltd., Uzbekistan	Basic engineering for the installation of a 80 TPH cement packing, palletizing and loading plant at Bekavad cement plant in Uzbekistan
14	Meghna Cement Mills Ltd., Bangladesh	Basic Engineering and Technical Evaluation Report for supply of plant and equipment for 1000 TPD cement grinding plant of Chinese origin

Sl. No.	Name of the Client	Capacity
15	Islam Cement, Bangladesh	Basic engineering for ADB aided cement project in Bangladesh
16	Grasim Industries Ltd., India	Basic engineering for setting up a 1.0 million TPA PPC cement grinding unit at Bathinda, India
17	Purechem Industries Ltd., Nigeria	Basic engineering and procurement assistance for setting up a 300 TPD VSK cement project in the Ogun State of Nigeria
18	Seament International S.A.L, Albania	Basic engineering and procurement assistance for setting up a 2500 TPD cement project at El-basan in Albania
19	Seament International S.A.L, Albania	Basic Engineering and Procurement Assistance for setting up a 1200 TPD cement project at CMO – Chekka in Lebanon
20	J&K Cement Ltd., India	Basic Engineering and Procurement Assistance for setting up a 600 TPD cement project at Khrew, Jammu & Kashmir
21	Sitar Investment & Trading Corporation, Sudan	Basic Engineering and Procurement Assistance for revamping of old plant of 350 TPD to 750 TPD at Rabak, Sudan
22	FusheKroje Cement, Albania	Basic Engineering and Procurement Assistance for setting up a 3500 TPD cement plant at FusheKroje in Albania
23	Lootah Group of Industries, UAE	Basic Engineering and Procurement Assistance for setting up a 100 TPH cement grinding unit in UAE
24	Gulf Cement Company, UAE	Basic Engineering and Procurement Assistance for setting up a 8000 TPD Clinkerisation unit at Ras-Al-Khaimah in UAE
25	Industrial services, FZC, UAE	Basic Engineering covering preparation of Layout, GA drawing and Sectional Drawings for the 10,000 TPD Cement Project of M/s Ultratech Cement Ltd. In Ras-Al Khaima, UAE.
26	JK Lakshmi Cement Ltd.	Basic Engineering for 1.5 million TPA cement project based on limestone deposit available in Durg, Chattisgarh with a split located grinding unit for grinding slag cement
27	Jindal Steel & Power Ltd., India	Basic engineering and procurement assistance for a 100 TPD blended cement unit at Raigarh, India
28	Modi Alkalies and Chemicals Ltd., India	Basic engineering for the installation of 100 TPH salt handling unit at Alwar, Rajasthan, India
29	Hindalco Industries Ltd., India	Basic engineering for enhancing the capacity of coal crushing, handling and storage system and secondary coal handling system of Hindalco at Renukoot, India.

Sl. No.	Name of the Client	Capacity
30	Hindalco Industries Ltd., India	Basic engineering for enhancing the capacity of bauxite crushing, handling and storage system of M/s Hindalco at Renukoot, India
31	Hindalco Industries Ltd., India	Basic engineering, layout preparation for ventilation system in wagon tippler and other areas of coal handling in India
32	Stup Consultants, New Delhi	Basic engineering for a 50,000 metric tonnes grain storage and bagging project in Saudi Arabia
33	Elbasan Cement Factory	Basic Engineering covering Main machinery Tender evaluation for 3000 TPD Cement Plant in Lebanon.
34	PPC Ltd. , South Africa	Upfront Engineering Consultancy Services, providing all necessary technical inputs to the EPC Vendor for submitting complete EPC proposal, Evaluation of the offers and final negotiations & Contracting with the Turnkey Vendor for SK8 kiln
35	PPC Ltd. , South Africa	Basic Engineering & Machinery Procurement Assistance up to Contract finalization on EPC Contractor for enhancing clinker production from 250,000 to 300,000 Ton PA of Port Elizabeth Cement Plant.
36	PPC Ltd. , South Africa	Basic Engineering Services for setting up a 3000 TPD Green Field complete Cement Plant (Barnet Project) in the DRC.
37	PPC Ltd., Zimbabwe	Basic Engineering & Procurement Assistance, for setting up of 100 TPH Clinker Grinding facility at Harare in Zimbabwe
38	Pittie Cement and Industries Ltd., India	Basic engineering for 3 x 200 TPD cement plant of M/s Indo-American Cement Corporation in Rajasthan, India
39	Pashupati Cement Ltd., Nepal	Basic engineering and procurement assistance for 300 TPD cement plant in Nepal
40	ASO Cement Ltd., India	Basic engineering and procurement assistance for a 200 TPD cement grinding unit at Kharagpur, West Bengal, India
41	Chariot Cement Company, India	Basic engineering and procurement assistance for 130 TPD VSK clinkerisation project in Orissa, India
42	JK Cement Works Muddapur	Conceptual study for Grinding Clinker and Slag separately, Blending Together and put them in Silos.
43	AV TERRACE BAY INC (Aditya Birla)	Engineering Consultancy Services at AV Terrace Bay, Ontario, Canada
44	Shiva Cement Ltd. (JSW Cement Ltd.)	Basic Engineering Consultancy Services for upgradation & expansion of Shiva Cement Company Ltd. at Rourkela (Orissa)
45	JSW Cement FZE, UAE	System Design & Procurement assistance for hiring

Sl. No.	Name of the Client	Capacity
		EPC Vendor for 1.2 MTPA Cement Plant at Fujairah, UAE.
46	M/s Essar Steel India Ltd., Gujarat	Basic Engineering, Procurement Assistance Services for setting up of 1 Million TPA Slag Grinding (GGBFS) Unit at Hazira, Distt. Surat, Gujarat.
47	Century Cement, Raipur C.G	Engineering Consultancy Services for modification of N-MFC Calciner and relocation of Kiln Feed System & addition of 6th Stage Pre-heater Cyclone at Century Cement, Baikunth, Chattisgarh.
48	M/s Ceylon Steel Corporation Limited, Sri Lanka	Engineering Consultancy Services covering Basic Engineering and Procurement Assistance for setting up of proposed 2 Mio. TPA Clinker Grinding Unit near Hambantota port + 1 Mio. TPA Blending cum Packing Plant unit near Colombo in Sri Lanka.
49	Carawan Industrial Company (Promising International UAE) Nile Cement Sudan	Engineering Consultancy Services covering Basic Engineering and Procurement Assistance up to Contract Preparation for Fuel Conversion Project covering Pet Coke & Coal Grinding and Firing system at their existing 1000 TPD Cement Plant in Rabak, Sudan.
50	M/s Ceylon Steel Corporation Limited, Sri Lanka. (Onyx Heavy Industries & Construction Company Limited)	Engineering Consultancy Services covering Basic Engineering and Procurement Assistance for setting up of proposed 2 Mio. TPA Clinker Grinding Unit near Hambantota port + 1 Mio. TPA Blending cum Packing Plant unit near Colombo in Sri Lanka
51	M/s Carawan Industrial Company (Promising International UAE) Nile Cement Sudan	Engineering Consultancy Services covering Basic Engineering and Procurement Assistance up to Contract Preparation for Fuel Conversion Project covering Pet Coke & Coal Grinding and Firing system at their existing 1000 TPD Cement Plant in Rabak, Sudan
52	Raysut Cement Company	Engineering Consultancy Services covering Basic Engineering & Procurement Assistance, for setting up of 0.60 Mio. TPA Greenfield Grinding Unit in Berbera, Somaliland.
53	BULK DIISTRIIBUTORS LTD, Tanzania (Mr. Taher)	Engineering Consultancy Services covering preparation of Layout, Flow sheet, Basic Engineering, Tender Preparation, Evaluation of tender, and Estimation of Total Project Cost for setting up of 600 TPD Grinding Unit at Arusha, Tanzania.
54	Riyadh Cement Company, Saudi Arabia	Basic Engineering -Preparation of Tender document, Technical Evaluation of Supplier's Offers and Selection of Supplier for : (I) Captive Power Plant (CPP) from waste heat recovery (WHR) of cement production lines and HFO fuel based DG power plant.



Sl. No.	Name of the Client	Capacity
		<p>(II) Compound Impact Crusher (CIC) @ 1800 tph based on blow bar design for limestone crushing or relocation of existing @1300 tph crusher along with hooking up with existing conveying system.</p> <p>(III) Proposed hybrid evaporative Cooling tower as alternative to existing water-cooling chiller system</p>

## DETAILED ENGINEERING SERVICES

Sl. No.	Name of the Client	Description
1	Jaguar Overseas Export	Detail Engineering of 400 TPD plant at Central African Republic
2	Grasim Cement, India	Detailed engineering of Mechanical equipment for 1.2 million TPA project near Raipur, India
3	Lakshmi Cement (M/s. J.K. Corp Ltd.), India	Detailed engineering and services for Mechanical, Electrical & Instrumentation for 2500 TPD 2 <sup>nd</sup> unit at Jaykaypuram, Sirohi, Rajasthan, India
4	Grasim Cement, India	Detailed engineering for Mechanical, Electrical and Instrumentation for 1.0 million TPA slag grinding unit at Raipur, India
5	Neershree Cement, India	Detailed engineering for Mechanical, Electrical, Instrumentation and Process equipment of 2000 TPD cement plant at Morak
6	Buckau Wolf India Ltd., India	Detailed engineering covering Design and preparation of manufacturing drawings of chutes and ducts for 1.0 million TPA plant expansion of a) India Cement Ltd., Shankarnagar, India and b) ACC, Gagal, India
7	Fuller K C P Ltd., India	Detailed engineering drawings for 1.0 Million TPA plant expansion project of M/s. Satna Cement in Madhya Pradesh, India
8	Modi Cement Ltd., India	Detailed engineering covering Mechanical, Electrical & Instrumentation for expansion in grinding capacity with slag cement to 1.8 Million TPA at Raipur, India
9	Rhino Roofing ,Sri Lanka	Detailed engineering for Mechanical, Electrical & Instrumentation of the proposed 1000 TPD cement plant project in Sri Lanka
10	Chariot Cement Company, India	Detailed engineering for Mechanical, Electrical & Instrumentation for expansion of grinding unit in Orissa, India
11	Christian Pfeiffer	Engineering design for master plan for project Sri Lanka - Fuji Cement and preparation of details engineering & fabrication drawings.
12	Fuji Cement Co. (Sri Lanka) Ltd.	Detailed engineering consultancy covering Mechanical, Electrical & Instrumentation for 1200 TPD cement grinding unit in Sri Lanka

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Description</b>
13	Chittagong Cement Clinker Grinding Co. Ltd., Bangladesh	Detailed and environmental engineering for expansion of cement grinding unit to 1.0 million TPA in Bangladesh
14	Modi Cement Ltd., India	Detailed engineering covering Mechanical, Electrical & Instrumentation for close circuiting of cement mill no.1 at Raipur, India
15	Modi Cement Ltd., India	Detailed engineering for improved fly ash/slag feeding system and reduction of moisture at Raipur, India
16	Modi Cement Ltd., India	Detailed engineering for fly ash / gypsum handling, fly ash/slag drying with fluidised bed/flash dryer at Raipur, India
17	Modi Cement Ltd., India	Detailed engineering for dust separation system for tertiary air duct and coal mill at Raipur, India
18	Fuller K C P Ltd., India	Detailed engineering drawings for 1.0 million TPA plant expansion project of M/s Satna Cement in Madhya Pradesh, India
19	Grasim Industries Ltd., India	Detailed engineering covering Mechanical, Electrical, Instrumentation, Civil & Structural Design for a one million TPA grinding plant at Bathinda, Punjab, India
20	Purechem Industries Ltd., Nigeria	Detailed engineering covering Mechanical, Electrical, Instrumentation, Civil & Structural Design for a 300 TPD VSK cement plant in Nigeria
21	Aditya Cement Ltd., India	Detailed engineering for Electrical, Instrumentation & Process Control for 1.2 million TPA plant at Sambhupura in Rajasthan, India.
22	Seament International S.A.L., Albania	Detailed engineering for Electrical, Instrumentation & Process Control for 1200 TPD plant CMO – Chekka in Lebanon
23	Lootah Group of Industries, UAE	Detailed Engineering and Procurement Assistance for setting up a 100 TPH cement grinding unit at UAE
24	Bahrain Motor Company	Review of Detail Engineering to set up 1000 TPD Ordinary Portland Cement plant in Bahrain
25	Jaypee Cement Ltd.	Engineering consultancy services for Detailed engineering for installation of Raw coal handling system
26	Gulf Cement Company	Review of Detail Engineering consultancy services for 8000 TPD Cement Clinkerisation Plant at Ras-Al-Khaimah, UAE.

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Description</b>
27	ASO Cement Ltd.	Detail Engineering consultancy for 600 TPD cement grinding unit in West Bengal
28	Bahrain Concrete Technology	Technical & Engineering consultancy services to set up 300 TPD Portland Cement grinding plant in Bahrain
29	Grasim Industries Ltd.	Technical & Detailed engineering consultancy and design services for cement silo and its connection to the existing mill and packing plant
30	Gujarat Anjan Cement Ltd.	Engineering consultancy for 1.2 million TPA cement plant at Kutch, Gujarat
31	Goldstone Cements Ltd.	Complete Engineering Consultancy Services for 2500 TPD Greenfield Cement Plant in Meghalaya.
32	Harish Cement Ltd.	Detail Engineering Consultancy Services for 5000 TPD Cement Project at Sunder Nagar Himachal Pradesh.
33	Paramount Pollution Control Ltd., India	Detailed design and drawings for the rotary kiln incineration system at IPCL, Baroda, India
34	Lurgi India Pvt. Ltd., India	Detailed engineering services for development of duct GA and fabrication drawings, dedusting arrangement, plant layout and detailed arrangement drawings for a large steel project at Salem, India
35	Chittagong Cement Clinker Grinding Co. Ltd., Bangladesh	Design of venting system for clinker unloading and transport system at jetty in Bangladesh
36	Shri Nataraj Ceramic & Chemical Industries, India	Detailed engineering for putting up bauxite calcination plant at Khambalia, Gujarat, India
37	Modi Alkalies and Chemicals Ltd., India	Detailed engineering for the installation of 100 TPH salt handling unit at Alwar, Rajasthan, India
38	Hindalco Industries Ltd., India	Detail engineering covering Mechanical, Civil & Structural design for enhancing the capacity of coal crushing, handling and storage system of M/s Hindalco at Renukoot, India
39	Hindalco Industries Ltd., India	Detailed engineering covering Mechanical, Civil & Structural design for enhancing the capacity of Bauxite Crushing, Handling and Storage System of M/s Hindalco at Renukoot, India
40	Hindalco Industries Ltd., India	Detail engineering for ventilation system in wagon tippler and other areas of coal handling at Renukoot, India

Sl. No.	Name of the Client	Description
41	National Council for Cement and Building Materials, India	Providing technological support including detail engineering for implementation of environmental improvement scheme covering installation of ESP's in a cement plant in Tamil Nadu having 2 kilns of capacity 750 TPD each in India
42	Birla VXL Ltd., India	Detail Engineering Consultancy services for installation of wet grinding ball mill and hydro-cyclone in Gujarat, India
43	Meghna Cement Mills Ltd.	Engineering consultancy services for manufacture of Blended flyash cement (PPC) at Meghna Cement Mills Ltd.
44	Purechem Industries Ltd.	Detail Engineering consultancy services to set up a 200 TPD Ordinary Portland Cement in Nigeria
45	Grasim Industries Ltd.	Technical and Detailed Engineering consultancy and design services for expansion of Bathinda grinding unit at Mohabbet, Dist. Bathinda (Punjab) to 2.0 million TPA from its existing capacity of 1.0 million TPA by installing Roll Press.
46	Jindal Steel & Power Ltd.	Technical consultancy services for finalization of the total scheme, finalization of capacities, specifications of various equipments and preparation of G.A drawings for PPC blending cement plant at Raigarh cement plant
47	Chanderpur Works	Detail Engineering Review & Technical coordination services for the Limestone hopper project being installed at RAK cement company, UAE
48	Gulf Cement Company	Engineering & Consultancy work for Raw material storage & handling, Fuel handling and other miscellaneous jobs of new kiln project
49	Purechem Industries Ltd.	Detail Engineering consultancy services for installation of MMD crusher, Ware house & allied services.
50	Advanced Business Consultants (Oman )	Review of Detail Engineering Consultancy Services for New Cement Mill No. 5 in OCC, Phase-I (Stage 2& 3)
51	Rak White Cement, Ras-Al-Khaima, UAE	Detail Engineering Consultancy Services for Installation of Petcoke Grinding and Firing System at Ras-Al-Khaima (UAE).

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Description</b>
52	Sena Kalyan Sangstha, Bangladesh.	Detail Engineering Consultancy for Project and Ancillary Services for setting up 3 <sup>rd</sup> Cement Grinding Mill (120TPH) at Mongla Cement Factory.
53	PPC Ltd., Zimbabwe	Review of Detail Engineering, Project Monitoring and Construction Supervision Services for setting up of 100 TPH Clinker Grinding facility at Harare in Zimbabwe.
54	PPC Ltd., South Africa	Review of Detail Engineering and Project Construction Monitoring during execution of Upgradation Project of SK-8 line including new Clinkerisation line (SK-9) at Slurry Cement Plant in South Africa.
55	PPC Barnet Ltd., Democratic Republic of Congo.	Engineering Consultancy Services covering Review of Detail Engineering and Project & Construction Monitoring for setting up a 3000 TPD Green Field complete Cement Plant (Barnet Project) in the DRC
56	NOVA CIMANGOLA, Angola	Design Review Engineering Consultancy services for the External Combustion Chamber at 5000 TPD Cement Plant in Luanda Angola
57	ASO Cement Ltd., India	Detailed engineering for Mechanical, Electrical, Instrumentation and Civil design for a 200 TPD cement grinding unit at Kharagpur, West Bengal, India
58	Chariot Cement Company, India	Detailed engineering for Mechanical, Electrical, Instrumentation and Civil design for 130 TPD VSK clinkerisation project in Orissa, India
59	Saboo Lime & Cement Ltd., India	Detailed engineering for Mechanical, Electrical & Instrumentation for 100 TPD cement plant in Punjab, India
60	Saboo Lime & Cements Ltd.	Technical & Engineering consultancy services for expansion of plant by installing a new line of 100 TPD capacity
61	JSW Cement Ltd	Basic & Detail Engineering Consultancy Services for setting up 1 x 1.2 Million TPA Grinding Unit at Jajpur (Orissa)
62	Shiva Cement Ltd. (JSW Cement Ltd.)	Detail Engineering Consultancy Services for upgradation & expansion of Shiva Cement Company Ltd. at Rourkela (Orissa)
63	Adani Cementation Ltd.	Engineering Consultancy Services (ECS) for 2 MTPA (Phase-I; 1MTPA) Udupi Cement G. Unit at Village: Yelluru, Dist.: Udupi, Karnataka, India.



<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Description</b>
64	M/s. Ultratech Cement Ltd.( Jodhpur)	Engineering Consultancy Services for setting up a Greenfield Putty manufacturing plant of capacity 4.00 LTPA.
65	Adani Cementation Ltd.	Engineering Consultancy Services (ECS) for 1 MTPA Dahej Cement Grinding Unit (GU) at Dahej port, Dist.: Dahej, Gujarat.
66	Saurashtra Cement Ltd (Ranavav)	Engineering Consultancy Services (ECS) for RABH transport system at Ranavav (Gujarat).
67	M/s PPC Ltd.	Engineering Consultancy Services covering Review of Detail Engineering for setting up of Limestone Stockpile Storage Shed at PPC's Slurry Cement Plant.
68	M/s Maihar Cement Unit-2 (Century Cement)	Procurement Assistance and Detail Engineering Consultancy Services including Project Monitoring & Construction Supervision for Replacement of cooler at kiln-3 of Unit 2 at Maihar Cement.
69	M/s Arun Cement Industries Pvt. Ltd., Kathmandu Nepal (Advance Group Nepal)	Basic Engineering & Procurement Assistance, Review of Detail Engineering for Mechanical, Electrical & Instrumentation, Civil & Structural, Inspection for setting up of Cement Grinding Unit in Nepal.
70	M/s Ceylon Steel Corporation Limited, Sri Lanka. (Onyx Heavy Industries & Construction Company Limited)	Engineering Consultancy Services covering balance basic engineering & machinery procurement assistance on various package mode, Detail Engineering for Civil & Structural design, Mechanical, Electrical & Instrumentation, Project Management & Monitoring, Inspection & QAP, Site Supervision Services and overall commissioning assistance for setting up of proposed 2 Mio. TPA Clinker Grinding Unit near Hambantota port in Sri Lanka.
71	Raysut Cement Company / M/s MSG Group of Companies / M/s Horn Holding Group Limited, DIFC Dubai, UAE	Engineering Consultancy Services covering Basic Engineering & Procurement Assistance, Review of Detail Engineering for Mechanical, Electrical & Instrumentation, Civil & Structural on EPC Basis for setting up of 0.60 Mio. TPA Greenfield Grinding Unit in Berbera, Somaliland.
72	Duqm Cement Projects International LLC	Engineering Consultancy Services for 10000 TPD Cement Plant Project at AD DUQM, Sultanate of Oman.
73	Ambuja Cements Limited ( Unit: MARWAR MUNDWA )	Engineering Consultancy Services covering Procurement Assistance, TBA finalization, Design & Engineering Review (Civil, Structural, Process & Mechanical, and Electrical &

Sl. No.	Name of the Client	Description
		Instrumentation) and Monitoring for Installation of AFR Pre-processing facility & Shredder at ACL, Marwar Mundwa, Rajasthan
74	ACC Limited ( Unit: JAMUL CEMENT WORKS	Engineering Consultancy Services covering Procurement Assistance, TBA finalization, Design & Engineering Review (Civil, Structural, Process & Mechanical, and Electrical & Instrumentation) and Monitoring for Installation of Standard Feeding Line AFR feeding facility at ACC, Jamul Cement Works
75	M/s. ACC Limited / Lafarge Holcim	Engineering Consultancy Services covering Feasibility Study, Basic Engineering, Tender preparation, Technical offer evaluation, Preparation of Technical Bid Analysis (TBA), Review of Design & Engineering (Civil, Structural, Process & Mechanical, and Electrical & Instrumentation) and Monitoring for Installation of WFA / CFA projects at <b>Ametha</b> unit.
76	M/s. ACC Limited / Lafarge Holcim	Engineering Consultancy Services covering Feasibility Study, Basic Engineering, Tender preparation, Technical offer evaluation, Preparation of Technical Bid Analysis (TBA), Review of Design & Engineering (Civil, Structural, Process & Mechanical, and Electrical & Instrumentation) and Monitoring for Installation of WFA / CFA projects at Ametha <b>Tikaria</b> unit
77	ACC Limited ( ACL, Rabriyawas, Rajasthan)	Engineering Consultancy Services covering Procurement Assistance, TBA finalization, Design & Engineering Review (Civil, Structural, Process & Mechanical and Electrical & Instrumentation) and Monitoring for Installation of AFR Pre-processing facility & Shredder at ACL, Rabriyawas, Rajasthan

## PROJECT MANAGEMENT, PROJECT MONITORING AND SUPERVISION OF ERECTION & COMMISSIONING

Sl. No.	CLIENT	NATURE OF ASSIGNMENT
1	Vikram Super Cement	Project Management covering site supervision, erection and commissioning assistance for the new manufacturing line at Khor, Madhya Pradesh
2	Islam Cement, Bangladesh	Project Management covering site supervision, erection and commissioning for this Asian Development Bank funded cement project, in Bangladesh.
3	Chittagong Cement Clinker Grinding Unit, Bangladesh	Project Management covering site supervision, erection and commissioning for expansion of cement grinding unit in Bangladesh.
4	Grasim Industries Ltd.	Project Management covering site supervision, erection and commissioning for 1 million TPA cement grinding unit at Bathinda, Punjab, India
5	Purechem Industries Ltd., Nigeria	Site supervision for civil construction of 300 TPD cement plant in Nigeria.
6	Orient Cement Ltd., Clinker Grinding Unit.	Site Supervision for civil construction of 2000 TPD cement grinding unit near Jalgaon in Maharashtra, India
7	Seament International S.A.L, Lebanon	Project Management covering Site supervision, erection and commissioning for 1200 TPD cement plant at CMO-Chekka in Lebanon
8	Nile Cement Company, Sudan	Project Management and Site supervision for modernization of 1000 TPD Cement Plant at Rabak, Sudan.
9	Alstom Systems Ltd., Noida	Site supervision for the construction of temporary jetty and allied work at Chausa, Bihar, India for unloading five numbers of transformers of 165 tonnes each from barge.
10	Vikram Super Cement	Project monitoring and implementation services for the new project at Khor, India.
11	Neer Shree Cement	Project monitoring for 2500 TPD cement plant at Morak, Rajasthan, India
12	Grasim Industries Ltd., Nagda	Development of computerized project monitoring system for poly aluminium chloride and chloro-sulphuric acid project in Madhya Pradesh, India

<b>Sl. No.</b>	<b>CLIENT</b>	<b>NATURE OF ASSIGNMENT</b>
13	Grasim Cement	Project scheduling and monitoring for implementation of 1.2 million TPA cement project at Raipur, India
14	Aditya Cement	Project scheduling and monitoring for implementation of 1.2 million TPA cement project at Shambhupura, India
15	Grasim Cement	Project scheduling and monitoring for implementation of 1.0 million TPA slag cement grinding project at Raipur, India
16	Grasim Industries Ltd.	Project scheduling and monitoring for one million TPA grinding plant at Bathinda, Punjab, India
17	Purechem Industries Ltd., Nigeria	Project management and construction monitoring for 300 TPD cement plant in Nigeria
18	Lootah Group Of Industries - UAE	Project scheduling and monitoring for 100 TPH Cement Grinding Unit at UAE
19	Gulf Cement Company - UAE	Project Management and construction monitoring for 8000 TPD Clinkerisation Unit at Ras-Al-Khaimah in UAE
20	Seament International S.A.L.	Project management assistance for 650 TPD of CMO-Chekka cement plant, Lebanon
21	Seament International S.A.L.	Project management assistance for 2500 TPD new dry process kiln at Elbasan Cement Factory, Albania
22	Ultratech Cement Ltd., Birla White - Jodhpur / Katni	Project Monitoring Services for Wall Care Putty Plant Near Katni (M.P.)
23	Advanced Business Consultants (Oman)	Project Management and Site supervision for the construction & Project Monitoring Services for New Cement Mill No. 5 in Oman Cement Company.
24	Rak White Cement, Ras-Al-Khaima, UAE	Project Management and Site supervision for the construction & Project Monitoring Services for Installation of Petcoke Grinding and Firing System including up-gradation of White Cement Rotary Kilns at Ras-Al-Khaima (UAE)
25	Sena Kalyan Sangstha, Bangladesh.	Project Management and Site supervision for the construction & Project Monitoring Services for setting up 3 <sup>rd</sup> Cement Grinding Mill (120 TPH) at Mongla cement Factory.

<b>Sl. No.</b>	<b>CLIENT</b>	<b>NATURE OF ASSIGNMENT</b>
26	PPC Ltd., Zimbabwe	Project Management and Construction supervision for the construction & Project Monitoring Services for setting up of 100 TPH Clinker Grinding facility at Harare in Zimbabwe
27	PPC Barnet, Democratic Republic of Congo	Project Management and Construction supervision for the construction & Project Monitoring Services for new Clinkerisation line of 3000 TPD in Democratic Republic of Congo.
28	PPC, South Africa	Project Management and Construction supervision for the construction & Project Monitoring Services for upgradation of existing SK-8 line including new Clinkerisation line (SK-9) at Slurry Cement Plant in South Africa.

## PLANT AUDIT & MAINTENANCE SERVICES

Sl. No.	CLIENT	NATURE OF ASSIGNMENT
1	Chariot Cement Company, Orissa, India	Technical Audit and Review of Preventive Maintenance System
2	Vikram Cement, Khor, India	Preparation and implementation of Preventive Maintenance System (PMS)
3	Utkal Asbestos Ltd., Orissa, India	Technical Audit and Review of Preventive Maintenance System.
4	Indian Rayon & Industries Ltd., Malkhed, India	Technical Audit and Review of Preventive Maintenance System.
5	Gujarat Hitech Carbon, Gujarat, India	Technical Audit and Review of Preventive Maintenance System.
6	Modi Cement Ltd., Raipur, India	Technical Audit and Review of Preventive Maintenance System.
7	Mangalam Cement Ltd., Rajasthan, India	Appraisal of Preventive and Planned Maintenance Work and Technical Audit
8	Rajashree Cement, Andhra Pradesh, India	Audit of Preventive Maintenance Scheme and report on plant improvement studies
9	Shree Cement Ltd., Rajasthan, India	Plant performance audit and Preventive Maintenance Scheme
10	Saurashtra Cement, Gujarat, India	Audit of Preventive Maintenance System.
11	Aditya Cement, Sambhupura, India	Audit of Preventive Maintenance System.
12	Vinay Cements Ltd., Assam, India	Audit of Preventive Maintenance Scheme
13	Binani Cement Ltd.	Technical Audit and Review of Preventive Maintenance System
14	JK Lakshmi Cement Ltd.	Technical Audit and Review of Preventive Maintenance System
15	ASO Cement Ltd.	Technical Audit and Review of Preventive Maintenance System
16	Shiva Cement, Orissa	Technical Audit and Review of Preventive Maintenance System
17	Rajashree Cement.	Development of Preventive Maintenance System SAP R/3. The work included collection upgradation of data pertaining to plant maintenance besides assistance in software implementation in Malkhed, India



<b>Sl. No.</b>	<b>CLIENT</b>	<b>NATURE OF ASSIGNMENT</b>
18	PPC Ltd. , South Africa	Comprehensive Technical Audit Study at the Port Elizabeth Cement Plant to enhance existing Plant Capacity
19	RAK White Cement, UAE	Carrying out Independent Technical Audit of Up-Gradation of Kilns 1 & 2
20	RAK White Cement, UAE	Carrying out Independent Technical Audit of Plant Operation (Both White Cement & Lime Plants)
21	Vikram Super Cement, Khor, India	Preventive Maintenance System (PMS) for unit III
22	Shiva Cement Ltd., Orissa, India	Preparation of complete PMS documentation
23	Birla Cement Works, Chittorgarh, India	PMS (Mechanical, Electrical and Automation) for BCW and CCW units
24	Shriram Cement Works, Rajasthan, India	PMS for the Mechanical, Electrical and Instrumentation
25	J.K. Cement Works, Madhya Pradesh, India	PMS for quarry machines
26	Shree Cement Ltd., Rajasthan, India	Plant performance audit and PMS
27	Pittie Cement & Industries Ltd., Jodhpur, India	Preparation of Preventive Maintenance Scheme for 150 TPD cement plant
28	Jindal Strips Ltd., Raigarh, India	Preventive Maintenance Scheme covering complete mining, mineral processing and material handling equipment including kiln and cooler for the 3 lakh TPA sponge iron plant at Raigarh, M.P.
29	Virgo Cement, Meghalaya, India	Development of Preventive Maintenance System
30	Meghna Cement Mills Ltd., Bangladesh	Development of Preventive Maintenance System
31	Lakshmi Cement, Rajasthan, India	Development of Computerized Preventive Maintenance System for Lakshmi Cement Works
32	Meghna Cement Mills Ltd., Bangladesh	Development of Computerized Preventive Maintenance System for Meghna Cement Mills Ltd.
33	Purechem Industries Ltd., Nigeria	Development and Installation of Computerized Preventive Maintenance Scheme (CPMS)
34	Gulf Cement Company, Ras Al Khaimah, UAE	Certification of Spare Inventory Strategic Classification at Gulf Cement Company, UAE

<b>Sl. No.</b>	<b>CLIENT</b>	<b>NATURE OF ASSIGNMENT</b>
35	Rolpa Cement Pvt. Ltd (Advance Cement, Nepal)	Plant Audit, Optimization and providing suggestions for improvement in production of 500 TPD VSK Cement Plant in Nepal
36	Mangalam Cement Ltd.	Deputation of expert to Study Vibration problem of Electric Motors at Client's Cement Mill- II in Morak, Distt. Kota, Rajasthan
37	Gulf Cement Company	Preparing a list of Insurance, Critical and Long delivery spares consumed during the shutdown of Clinkerisation line of 8000 TPD with their cost and evolving methodology to capitalize such expenditure at Gulf Cement.
38	Gulf Cement Company	Assessing the Useful Residual Life of Core Equipment of Clinkerisation Line-1 and preparing a list of Insurance, Critical & Long delivery spares consumed during the shutdown of Clinkerisation line-1 of 4000 TPD with their cost and methodology to capitalize such expenditure at Gulf Cement Company at Ras Al Khaimah, UAE
39	AMCL Machinery Ltd.(Formerly ACC Machinery Company Limited)	Design & Engineering Consultancy services for Upgradation of Raw Mill size UM 36.4 at Arasmeta Plant of M/s. Nuvoco Vistas Corp. Ltd.

## PRODUCTIVITY IMPROVEMENT AND OPERATIONAL MANAGEMENT SERVICES

Sl. No.	Name of the Client	Nature of Assignment
1	Shriram Cement Works, Kota, India	Detailed study of kiln operation and related problems and suggesting remedial measures
2	Cement Corporation of India Ltd.	Study of the various process problems and to stabilize kiln operation in the plant of 1 million TPA capacity and improvement of performance of Bokajan, Mandhar and Nayagaon units
3	Modi Cement Ltd., Raipur, India	Performance evaluation and recommendation for energy optimization of 3000 TPD Cement Plant.
4	Hetauda Cement Industries Ltd., Nepal	Assignment financed by Asian Development Bank for management of operation and consultancy for operation and maintenance of 750 TPD dry process cement plant covering production augmentation, overall performance improvement, material management, stores and inventory control
5	Kakatia Cement	Proposal for carrying out Detail Technical Study for expansion of existing Cement Plant to a suitable optimum capacity.
6	J.K.Udaipur Udyog Ltd., Udaipur, India.	Productivity enhancement, energy conservation and cost reduction studies
7	Shriram Cement Works, Kota, India	Evaluation of 3 nos. bowl type mills for conversion from coal grinding from raw mill grinding.
8	Lakshmi Cement, Rajasthan, India	Study on causes of ESP explosion in 2500 TPD kiln no.1 and suggesting remedial measures
9	Lakshmi Cement, Rajasthan, India	Study and optimization of plant operation for unit-II of 3000 TPD Capacity.
10	Neershree Cement, Rajasthan, India	Assistance for energy conservation at their 2500 TPD Cement plant
11	Monnet Ispat Ltd., Raipur, India	Comprehensive study for energy conservation for sponge iron plant
12	Andhra Cement Co. Ltd. - Vijayawada Unit-Durga Cement - Vizag Cement.	Productivity enhancement of raw mill, kiln and cement mill. energy audit and improvement
13	Cement Corporation of Gujarat Ltd., Gujarat, India	Study of the coating formation in kiln inlet and riser duct of the 1 million tonne cement plant and recommending remedial measures.

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Assignment</b>
14	Lakshmi Cement (M/s. J.K. Corp Ltd.), Rajasthan, India	Refractory audit and management studies at the cement plant
15	Modi Cement Ltd., Raipur, India	Study on the premature failure of refractory lining at the 3300 TPD cement plant
16	Annapurna Cement Ltd., Andhra Pradesh, India	Revamping and operational optimization of the 200 TPD VSK cement plant
17	J.K.Udaipur Udyog Ltd., Udaipur, India	Diagnostic study for plant operation optimization of the 2600 TPD cement plant covering Mechanical, Electrical, Process, Quality Control and Cost Aspects
18	Lakshmi Cement (JKUUL), Udaipur, India	Study Report on capacity enhancement for Unit-1.
19	Gujarat Sidhee Cement Ltd., Gujarat, India	Modification and strengthening of grate cooler beams
20	Shriram Cement Works, Kota, India	Evaluation of 150 TPH coal crusher for conversion from coal crushing to clinker/limestone crushing
21	Panyam Cements & Mineral Industries Ltd., Kurnool, India	Productivity improvement and operational optimization at cement plant.
22	ASO Cement Ltd., Kharagpur, India	Capacity enhancement by installing clinker crusher, slag dryer and modifying mill internals at their 600 TPD Clinker Grinding Unit.
23	Modi Cement Ltd., Raipur, India	Repair and commissioning of cooler section control desk
24	Shiva Cement Ltd., Orissa, India	Technical consultancy services for recommissioning and operational optimization of 300 TPD rotary kiln cement plant
25	Vikram Cement, Khor, India	Audit of diesel based captive power plant
26	J.K. Corporation Ltd., Udaipur, India	Capacity assessment of core plant and machinery at Lakshmi Cement and J.K. Udaipur Udyog Ltd.
27	Meghna Cement Mills Ltd., Bangladesh	Assistance in operation, trouble shooting and quality control of 1200 TPD cement plant
28	Meghna Cement Mills Ltd., Bangladesh	Optimisation of grinding mill operation
29	Meghna Cement Mills Ltd., Bangladesh	Assistance in commissioning and operational optimization of expansion project to One Million TPA
30	Saurashtra Chemicals Ltd.	Capacity achievement of ball mill for grinding lime

Sl. No.	Name of the Client	Nature of Assignment
31	Virgo Cement Ltd, Assam	Augmenting raw grinding mill capacity
32	Orient Cement Ltd, Devapur	Optimization of kiln output
33	Anand Cement	Optimization of 100 TPD cement plant located at Ponta Sahib, Himachal Pradesh
34	Sitar Investment & Trading Corporation	Optimization of existing plant operation in Sudan.
35	Emirates Cement Ltd.	Optimization of operation of cement grinding unit at Bangladesh
36	Pawan Cement Co. Pvt. Ltd.	Providing assistance in Renovation, Modernization & Upgradation of 400 TPD capacity plant at Amigarh, Gujarat.
37	Sandvik Asia Pvt. Ltd	Providing Inspection and Quality Assurance Services for the Stacker & Wheel Reclaimers, being manufactured at Tuticorin,
38	Gulf Cement Company,	Supervision of Operation and Maintenance Management for the two Cement Production Lines of M/s Gulf Cement Company (GCC)
39	PPC Ltd., South Africa.	Carrying out a Comprehensive Audit at the PPC Slurry Cement Plant.
40	Birla Corporation Limited	Technical Due Diligence study for one Clinkerization Plant at Maihar and two Split grinding units (Rae Bareilly & Butibori.
41	Century Cement	Diagnostic Study & Productivity / Operational Improvement in Cement Plant One Line at Baikunth, Chhatisgarh
42	Binani Cement Ltd.	Comprehensive Management Technical Audit of their cement plant near Sirohi for a period of 3 years, India
43	Standard Chartered Pvt. Equity (Mauritius) Ltd.	Technical Due Dilligence Study for Assessment of Cement Plant Project Status in Gujarat and Central India
44	Standard Chartered Bank	Technical Due Diligence Study assignment of Cement plant in Indonesia.
45	JSW Cement Ltd	Plant Optimization Study of Shiva Cement, Rourkela.
46	M/s Reliance Cement Co. Pvt. Ltd. (subsidiary of Birla Corporation)	Technical study to increase the clinker production capacity from 10000 TPD to 12000 TPD at your Maihar cement plant
47	Sarbottam Cement (P) Ltd.	Study of the Existing Pyro- Process and Operations for Maximizing Clinker Capacity and improving present operation, stability and

Sl. No.	Name of the Client	Nature of Assignment
		efficiency of Client's 1200 TPD Line-1 in Ramnagar, Nepal.
48	Century Cement (Maihar Cement)	Technical Feasibility study for the Upgradation of Line no. 1 from 2400 TPD to 5000 TPD at their existing Cement Plant at Maihar, Madhya Pradesh
49	Century Cement, Raipur C.G	Engineering Consultancy Services for modification of N-MFC Calciner and relocation of Kiln Feed System & addition of 6th Stage Pre-heater Cyclone at Century Cement, Baikunth, Chattisgarh .
50	JSW Cement Ltd	Preparation of Master Plant Layout of 7.5 MTPA Clinker/Slag Grinding Unit at Vijayanagar, Karnataka.
51	Saurashtra Cement Ltd (Ranavav)	Feasibility Study Report & Procurement Assistance for installation of VRM for 100% Pet coke & Coal Grinding and removal of existing 2 nos. Ball Mills in Coal circuit at Saurashtra Cement Ltd., Ranavav (Gujarat).
52	Basundhara Steel Complex Ltd.	Consultancy services to acquire ISO 9001 registration for Basundhara Steel Complex Ltd.
53	Shahjalal News Print Industries	Consultancy services to acquire ISO 9001 registration for Basundhara's cement bag / sack manufacturing unit in the premises of Shahjalal News print Industries Ltd.
54	Modi Cement Ltd.	Technical assistance in Total Quality Management and assistance in documentation for obtaining ISO-9002 certification for the 1 million TPA cement plant at Rawan, M.P
55	Veolia Environmental Services (Aust) Pty Ltd. (VES)	Engineering Consultancy Services for Study of Refractory Failure at Adelaide Brighton Cement Ltd. (ABCL) and providing Technical opinion & advise for Legal Proceedings / Arbitration to VES.
56	M/s Ras Al Khaimah Lime Co. Noora (RAK White Cement)	Carrying out Study on the efficiency of Ball Mill for Noora Hydration Plant at Ras Al Khaimah, UAE.
57	Godstone Cement Ltd.	Crrying out study of the existing 1700 TPD Meghalaya Cement Plant for: i) Improving Raw Mill operation ii) Improving Cement Mill operation iii) Optimization of Electrical Energy in all sections iv) Optimization of Kiln & Consumption of Thermal Energy in Kiln.



Sl. No.	Name of the Client	Nature of Assignment
58	Riyadh Cement Company, Saudi Arabia	Detailed Feasibility study for construction of Captive Power Plant (CPP) from waste heat recovery (WHR) of cement production lines and HFO fuel based DG power plant on EPC / BOT basis based on Organic Rankine Cycle (ORC)) with Air Cooled Condenser (ACC)
	-DO-	Detailed Feasibility study including location selection for proposed Compound Impact Crusher (CIC) @ 1800 tph based on blow bar design for limestone crushing or relocation of existing @1300 tph crusher along with hooking up with existing conveying system on EPC basis
	-DO-	Detailed Feasibility study & life cycle cost analysis for proposed hybrid evaporative Cooling tower as alternative to existing water-cooling chiller system

In addition to the Operational Management Services outlined earlier, the following cement plants in India have also been provided with operation / maintenance management services on short term basis to help these plants to achieve improved plant availability, production performance, lower energy consumption.

Sl. No.	Name of the Plant	Location	Capacity
1	Vikram Cement	Madhya Pradesh	6500 TPD
2	Andhra Cement	Andhra Pradesh	4500 TPD
3	Kamdar Cement	Gujarat	300 TPD
4	Suvam Cement	Andhra Pradesh	300 TPD
5	Parthasarthy Cement	Andhra Pradesh	300 TPD
6	Karnataka Minerals & Manufacturing Co.	Karnataka	300 TPD
7	IPI SP Cement	Orissa	300 TPD
8	South India Cement	Karnataka	300 TPD
9	Elbasan Cement Factory	Albania	1000 TPD
10	CMO	Lebanon	1200 TPD

## **MANAGEMENT SERVICES COVERING DUE DILIGENCE STUDY, ASSISTANCE IN PLANT VALUATION, TAKE OVER & APPRAISAL STUDIES**

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Assignment</b>
1.	Raysut Cement Company (SAOG)	Technical Due Diligence Study for takeover of Pioneer Cement at Ras-Al-Khaima, UAE.
2.	Birla Corporation Ltd	Technical Due Diligence Study for Clinkerization Plant at Sonadih and split Located Grinding Unit At Jojobehra (Project : EQUINOX) of M/s Lafarge
3.	Birla Corporation Ltd	Technical Due Diligence study for one Clinkerization Plant at Maihar and two Split grinding units (Rae Bareilly & Butibori) of M/s Reliance Cement.
4.	Dalmia Cement (Bharat) Ltd	Technical Due Diligence study for Binani Cement's Integrated Cement Plant (two Kiln lines) including 25 MW CPP at Binanigram and one Split Grinding Unit at Neem-Ka-Thana in Rajasthan
5.	M/s Sanghi Industries Ltd	Technical cum Financial Due-Diligence study for 1.5 Mio. TPA Integrated Cement Plant (Shree Digvijay Cement) at Sanghipuram in Gujarat
6.	Grasim Industries Ltd.	Technical appraisal, Due Diligence & valuation report of two cement units of 1 million TPA capacity each
7.	Modi Cement Ltd.	Technical appraisal & valuation report on a 0.1 million TPA cement plant in Raipur, India
8.	Annapurna Cements	Total assessment of plant and machinery, assets and liabilities of cement plant for takeover in Nepal
9.	Steel Syndicate Ltd.	Technical appraisal & valuation report on 0.1 million TPA cement plant
10.	J.K Udaipur Udyog Ltd.	Technical appraisal report including valuation for takeover of Udaipur Cement Works by the J.K. Corp. Group from Bajaj Group, Rajasthan, India
11.	Rungta Irrigation Ltd.	Technical assessment study for takeover/joint venture proposal for CCI-Akaltara cement plant, Madhya Pradesh, India
12.	Rungta Irrigation Ltd.	Technical assessment study for takeover/ joint venture of M/s Damodar Cement and Slag Ltd., West Bengal, India
13.	Lovelock & Lewes Ltd. for Modi Cement (Now	Technical Due Diligence and Re-valuation of fixed assets for 1.2 million TPA cement plant in Madhya

Sl. No.	Name of the Client	Nature of Assignment
	Ambuja Eastern)	Pradesh, India
14.	A.F. Furguson and Company Ltd.	Technical Due Diligence & valuation of plant and machinery and revaluation of fixed assets for the cement plants of M/s. U.P. State Cement Corporation at Dalla, Chunar and Churk, India
15.	Emech Corporation / New Dhaka Refractories (Bangladesh) Ltd.	Consultancy services for takeover of an existing refractory brick manufacturing unit near Dhaka in Bangladesh
16.	Indian Rayon & Industries Ltd.	Technical Assessment study for 1 million TPA cement grinding plant site at Delhi, India
17.	HMP Cement Ltd.	Technical Due Diligence study of the plant for takeover in Bihar, India
18.	Shree Digvijay Cement Company Ltd.	Technical, commercial, legal and liaisoning support for BIFR (Board for Industrial and Financial Reconstruction) including preparation of complete revival package in Gujarat, India
19.	Seabulk S.A.L.	Due Diligence Study of Atbara and Nile cement plants in Sudan for takeover
20.	Seament International, S.A.L	Study of an old cement plant in U.K. for takeover
21.	Lafarge India Pvt. Ltd.	Concept report on various operational aspects of the cement plant at Gopal Nagar, Champa Dist., Chattisgarh
22.	JK Lakshmi Cement Ltd.	Study report for Unit-1 capacity enhancement / expansion at JK Lakshmi Cement, Dist. Sirohi, Raj.
23.	Phoenix International Ltd.	Appraisal and evaluation of available machinery of USSR origin for 3 million TPA cement plant
24.	Grasim Industries Ltd.	Technical Appraisal of Cement Corporation of India, Nayagaon Cement plant, Neemuch (M.P)
25.	U.P State Mineral Development Corporation (UPSMDC)	Reappraisal of project cost, status, quality of investment, time schedule of completion, possibilities of cost reduction and viability of float glass project of M/s Continental Float Glass Ltd with a capacity of 25 million sq.m. on 2 mm thick in U.P., India
26.	Pawan Cement	Due Diligence study of 400 TPD Cement Plant of M/s Amirgadh Cement Ltd.
27.	Penden Cement Authority Ltd. Bhutan.	Detail Study for Re-rating of the Plant Machineries to confirm the Actual Production Capacity.

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Assignment</b>
28.	SOM Group (Aryavrat Housing Pvt. Ltd.)	Due Diligence Study for Take Over of Cement Plants of CCI (Mandhar Unit, Dist. Raipur, Chhattisgarh & Nayagaon Unit, Distt. Neemuch, M.P.)
29.	Cement Manufacturing Company Ltd., (Guwahati Grinding Unit)	Technical Study for Installation of dry fly ash feeding system (from fly ash godown to mill house feeding bin) at CMCL Cement Grinding Unit in Guwahati, Assam.
30.	Associated Stone Industries	Technical Due Diligence Study & valuation for AI – Rawasi Quarry / Mines, Dubai & Gulf Gypsum Factory, UAE.
31.	Bhadresh Trading Corpn	Due Dilligence Study of Pawan Cement in Rajasthan (India) & valuation
32.	Ghorahi Cement, (Reliance Sugar) Nepal	Preparation of Valuation Report for the physical valuation of plant, machinery, equipment's, and buildings for Reliance Sugar- Bara
33.	M/s Sanghi Industries Ltd	Technical cum Financial Due-Diligence study for 1.5 Mio. TPA Integrated Cement Plant at Sanghipuram in Gujarat.

## SITE SELECTION, PRE-FEASIBILITY, TECHNO-ECONOMIC FEASIBILITY REPORT (TEFR) & DETAIL PROJECT REPORTS

Sl. No.	Name of the Client	Nature of Work
1	Virgo Cement	Preparation of concept report for 1000 TPD Rotary kiln cement plant
2	Techno-inn Associate	Preparation of bankable Techno Economic Feasibility Report (TEFR) For Setting Up 2000 TPD Cement Plant in Meghalya
3	Hill Cement Co Ltd.	Preparation Of Bankable Techno Economic Feasibility Report For Setting Up A Green Field Cement Plant Of Capacity 2.0 MTPA Cement plant
4	Meghna Cement Mills Ltd.	Techno economic review for supply of plant and equipment for 1000 TPD cement grinding plant of Chinese origin in Bangladesh
5	Sharaf Group	Preparation Of Bankable Techno Economic Feasibility Report For Setting Up A Green Field Cement Plant Of Capacity 2.0 MTPA Cement plant In UAE.
6	Navyuga Engg. Co Ltd.	Preparation Of Pre- Feasibility Report For Setting Up A 3000 TPD, Portland Pozzolana Cement (PPC) Grinding Unit Using Fly Ash At A Suitable Location In Distt. Krishnapatnam (A P).
7	Tayo Importers & Exporters Ltd.	Preparation of Bankable TEFR for 2000 TPD Cement Plant in Ethiopia
8	DLF Cement Ltd.	Preparation of bankable TEFR for a 1.5 million TPA integrated cement plant at Malkangiri, Orissa with a 1.0 million TPA split location PSC grinding unit in West Bengal, India
9	ABG Cement Ltd.	Preparation of bankable TEFR for a 1.5 million TPA cement project at Kutch, Gujarat, India
10	Gujarat Anjan Cement Ltd.	Preparation of bankable TEFR for a 1.0 million TPA cement plant at Kutch, Gujarat, India
11	Grasim Industries Ltd.	Preparation of bankable TEFR for a 1.5 million TPA cement plant in Gujarat, India
12	Pittie Cement and Industries Ltd.	Preparation of bankable TEFR for a 1500 TPD cement clinkerisation plant near Bhavnagar, Gujarat, India
13	GTB Colombo Corpn. Ltd.	Preparation of bankable TEFR for setting up a 750 TPD OPC grinding unit in Galle, Sri Lanka

Sl. No.	Name of the Client	Nature of Work
14	Hetauda Cement Industries Ltd. (Nepal).	Technical Feasibility Study for developing a suitable transport system for limestone from Okhre mines to plant site in Nepal
15	Orient Cement	TEFR for a 3300 TPD cement plant at Shambhupura, Rajasthan, India
16	Shree Cement Ltd.	TEFR for a 3300 TPD cement plant at RAS, Rajasthan, India
17	Shree Cement Ltd.	TEFR for a 5000 TPD clinkerisation cement plant at Beawar, Rajasthan, India
18	Grasim Cement	TEFR for 1 million TPA slag grinding unit in Madhya Pradesh, India
19	SAARC Secretariat (Through Industrial Development Bank of India)	<p>TEFR for SAARC regional cement project for split location cement plants in India/Bangladesh/Nepal/Bhutan comprising of the following proposals:</p> <ul style="list-style-type: none"> <li>* 1.0 million TPA clinkerisation unit and 0.3 million TPA part clinker grinding unit in India and 0.73 million TPA part grinding unit in Bangladesh</li> <li>* 1.0 million TPA clinkerisation unit and 0.7 million TPA part clinker grinding unit in India and 0.3 million TPA part grinding unit in Nepal/Bhutan</li> <li>* 1.0 million TPA clinkerisation cum 0.3 million TPA grinding plant in India and 0.2 million TPA OPC and 1 million TPA PSC grinding unit in Bangladesh</li> <li>* 0.3 million TPA clinkerisation unit in Bhutan and 0.3 million TPA grinding unit in India</li> </ul>
20	Modi Cement Ltd.	Preparation of a TEFR for installation of screening plant at the captive mines of the 3300 TPD cement plant at Modigram, Madhya Pradesh, India
21	Modi Cement Ltd.	Preparation of bankable TEFR for setting up a 750 TPD dry process cement plant at Lumshnog, Jaintia Hills, Meghalaya, India
22	Ablitt Company Ltd.	Assessment of TISCO pelletisation plant and machinery at Noamundi, Bihar for setting up a clinker grinding unit in West Bengal, including prefeasibility studies covering capacity estimation, equipment cost etc., India



<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Work</b>
23	Saurashtra Cement Ltd.	Preparation of feasibility report for conversion and modernization of Lepol kiln to a SP kiln system with precalcinator at Gujarat, India
24	Vikram Cement Ltd.	Preparation of bankable TEFR for bulk loading, transportation and distribution of cement, Khor, India
25	Ravi Nirman Nigam Ltd.	Site selection and prefeasibility for setting up a large capacity green field cement project in Gujarat, India
26	Pan Asea Industries Ltd.	Site selection and prefeasibility for setting up a large capacity green field cement project in Rajasthan, India
27	Daewoo Corporation, Korea	Site selection and prefeasibility study for setting up a 2.5 million TPA cement project in India
28	Grasim Industries Ltd.	Preparation of TEFR for setting up a 0.5 million TPA PSC grinding unit at Vishakhapatnam, India
29	Grasim Industries Ltd.	Pre-feasibility study for setting up 3000 TPD PSC Grinding unit at, Bellary, Karnataka, India
30	Phoenix Cement Ltd.	TEFR for setting up a 1.2 million TPA cement plant in Haryana, India
31	Saurashtra Cement Ltd.	TEFR on expansion / modernization of kiln 1 and 3 at Ranavav, India
32	Vikram Cement	Preparation of TEFR for setting up a 3000 TPD PPC grinding unit at Bathinda, India
33	Panyam Cement and Mineral Industries Ltd.	Preparation of bankable TEFR for installation of precalciner in kiln no.3
34	Navodaya Industries Ltd.	TEFR for 0.6 million TPA cement project in Sidhi, Gujarat, India
35	Gujarat Sidhee Cement Ltd.	Preparation of bankable TEFR for proposed modernization / expansion of 3000 TPD cement plant at Gujarat, India
36	Raysut Cement Company, Oman	Feasibility study and basic engineering for bulk cement storage terminal at port Raysut, Sultanate of Oman
37	Indian Rayon and Industries Ltd.	Site selection for setting up a cement grinding unit in Sri Lanka
38	Jamshedpur Cement Ltd.	Technical study and preparation of report for BIFR rehabilitation at Jharkhand, India
39	Binani Industries Ltd.	TEFR for 1.5 million TPA Clinkerisation unit in Gujarat with a 1 million TPA split located clinker grinding unit in Wada, Maharashtra, India

Sl. No.	Name of the Client	Nature of Work
40	Grasim Industries Ltd.	Preparation of TEFR for Producing PPC in 3000 TPD Hotgi Grinding Unit in Maharashtra, India
41	Grasim Industries Ltd.	TEFR for setting up a one million TPA cement plant in Bathinda, Punjab, India
42	Grasim Industries Ltd.	TEFR for setting up cement grinding units in Alibaug, Dahej & Uran in Maharashtra & Gujarat, India
43	Grasim Industries Ltd.	TEFR for setting up an 0.5 million TPA green field OPC grinding unit near Hyderabad in A.P., India
44	Grasim Industries Ltd.	Pre-feasibility study for setting up 6.0 Lakh TPA PPC Grinding unit at Dadri, U.P., India
45	Shah Cement Ltd., Bangladesh	Preparation of TEFR for 250 tph OPC grinding unit near Dhaka in Bangladesh
46	Malvika Steel Ltd.	Preparation of TEFR for setting up a 80,000 TPA steel slag cement plant at Jagdishpur in U.P, India
47	Adhunik Cement Ltd.	Preparation of a Feasibility Report for setting up 450 TPD Rotary kiln Cement Plant expandable to 1000 TPD in Meghalaya, India
48	Lafarge India Pvt. Ltd.	Site selection study for setting up a 0.5 – 1.0 million TPA clinkerisation unit in Himachal Pradesh
49	Cementos Del Nore, S.A.	Technical feasibility report for 100 TPD capacity VSK cement plant in Colombia
50	Jindal Steel and Power Ltd.	TFER for setting up a 1000 TPD PSC/PPC grinding unit with a 600 TPD clinkerisation unit at Raigarh, Chattisgarh
51	Grasim Industries Ltd.	Site identification study for Cement Project in Bangladesh
52	Grasim Industries Ltd.	Site identification study for Cement Project in Sri Lanka
53	Grasim Industries Ltd.	TEFR for 1000 TPD grinding unit in Assam
54	Colaba Ventures Ltd.	TEFR for setting up a 900 TPD (expandable to 1500 TPD) cement project in Nigeria
55	Grasim Industries Ltd.	Site selection, Location analysis and Pre-feasibility study for setting up a PPC based grinding unit in Jammu & Kashmir
56	Al Amry Group of Companies	Feasibility report for 1500 TPD capacity expandable to 3000 TPD capacity cement plant
57	Grasim Industries Ltd.	Feasibility study for Fly ash Cement Grinding Unit at

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Work</b>
		Dadri
58	Shree Cement Ltd.	TEFR for 2.0 million TPA new green field cement project at Ras, Rajasthan
59	Lafarge India Pvt. Ltd.	Pre-feasibility report for setting up a 3000 TPD cement plant at Gujarat, Andhra Pradesh, Karnataka
60	Lafarge India Pvt. Ltd.	TEFR for 2.0 million TPA cement plant at Guma – Rohana, Tehsil : Chopal dist., Shimla, Himachal Pradesh
61	Cement De Mauritania	TEFR for 1200 TPD cement plant in Mauritania, Africa
62	Nile Cement Company, Sudan	Feasibility report for setting up a new Cement Project of 1200 TPD Capacity utilizing available equipment from M/s Ingra, Europe.
63	Ravi Nirman Nigam Ltd.	Site selection and prefeasibility for setting up a large capacity green field cement project in Gujarat, India
64	Lafarge India Pvt. Ltd.	Pre-feasibility report for setting up a 2.0 million TPA cement plant in Chamba, Himachal Pradesh
65	Industrial services, FZC, UAE	TEFR for setting up a 3600 TPD cement plant
66	Gujarat Anjan Cement Ltd.	Updation of TEFR for 1.2 million TPA Gujarat Anjan Cement plant at Kutch, Gujarat
67	Rashtriya Group	TEFR for 1.0 million TPA clinkerisation along with 1.24 million TPA OPC/PPC grinding unit near Satna, M.P.
68	Guwahati Carbon Ltd.	TEFR for setting up 1500 TPD cement plant
69	Orient Cement Ltd.	Bankable TEFR for 1.5 million TPA clinkerisation new green field cement project at Shambhupura in Rajasthan
70	JK Lakshmi Cement Ltd.	Bankable TEFR for setting up 1.5 million TPA cement project based on limestone deposit available in Durg, Chhattisgarh with a split located grinding unit for grinding slag cement
71	Nirani Cement Pvt. Ltd.	Preparation of DPR for setting up 2.0 Million TPA cement project at Mudhol, Karnataka.
72	Grasim Industries Ltd.	Preparation of TEFR for setting up a 3.0 Million TPA OPC Cement Project in Iran
73	Grasim Industries Ltd.	Preparation of TEFR for setting up a 2 x 3000 TPD White cement plant at Qeshm in Iran
74	Raysut Cement Company, Oman	Study on “Investment Opportunities in India for Cement Project”.

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Work</b>
75	STM Group, USA	Preparation of TEFR for setting up a 1000 TPD cement plant at Chad, Africa
76	Goldstone Cement	Preparation of TEFR for setting up a 2000 TPD cement plant at Meghalaya
77	Rudradev Cement Pvt. Ltd.	Preparation of TEFR for setting up a 600 TPD cement plant in Assam
78	Mangalam Cement Ltd.	Preparation of TEFR for up gradation of MCL Unit-I from 1700 TPD to 3000 TPD Clinker Production.
79	Bagalkot Cement	Preparation of TEFR for upgradation of cement plant capacity
80	CTI Group	Preparation of Feasibility Report for setting up 1000 TPD cement plant in Madagascar.
81	Jammu & Kashmir Cements Ltd.	Preparation of Techno Economic Viability Report for setting up a 300 TPD cement grinding unit at Samba, Jammu (J.&K.)
82	Laxmi Cement Udhyog Pvt. Ltd.	Preparation of Detail Project Report (DPR) for setting up a 1500 TPD cement Plant in Nepal.
83	Gupta Energy Pvt. Ltd.	Preparation of Techno Economic Feasibility Report(TEFR) for setting up a 1.0 Million TPA cement grinding unit at Chandrapur (M.S.)
84	Enexco Teknologies India Ltd.	Preparation of Techno Economic Feasibility Report(TEFR) for cement grinding unit in Orissa.
85	Indian Rayon & Industries Ltd.	Feasibility Study for 1 million TPA cement plant site in Raipur, Madhya Pradesh, India
86	Hindustan Electro Graphite Ltd.	Detailed project appraisal for setting up a 1000 TPD dry process cement plant with precalciner near Banswara, Rajasthan, India
87	National Council for Cement & Building Materials Ltd., Ballabgarh, Haryana	Preparation of financial package for TEFR of ready mixed concrete project.
88	Abhijeet Cement Ltd (Abhijeet Group)	Preparation of Techno Economic Feasibility Report for 2 Million TPA Cement Plant at Katni and Jharkhand
89	Ultratech Cement Ltd., A.P. (Tadipatri)	Technical Study & Capex for Installation of Dry Fly Ash Unloading, Storage & Feeding System to Mill No. 3 & 5 at APCW, Tadipatri (A.P).
90	Green Concretex	Preparation of TEFR for 1500 TPD (expandable to

Sl. No.	Name of the Client	Nature of Work
		2500 TPD) Green Field Cement Plant at Diphu, Assam
91	Ultratech Cement Ltd, GCW	Tech. Study and CAPEX for FGD bypass system at Thermal Power Plant at Gujarat Cement Works.
92	Electrosteel Castings Ltd.	Preparation of Pre-Feasibility Study and Raw Mix Design Report for the proposed 3.0 Million TPA Cement Project at Nawapara in Chhattisgarh
93	J.K. Lakshmi Cement Ltd.	Preparation of Project Profiles for Setting up Cement Grinding Plants in Aurangabad (0.5 Million TPA capacity) and in Kishengunj (1.0 Million TPA capacity) in Bihar
94	J.K. Lakshmi Cement Ltd.	Preparation of Prefeasibility Report for White Cement Project in Salalah – Oman.
95	J.K. Lakshmi Cement Ltd.	Carrying out Technical Study of Existing Cement Plant near Rourkela (Orissa)
96	CCI, New Delhi	Review of Techno-economic Feasibility of establishing a New Cement Grinding Unit of 50 TPH / 250 TPD (Single Shift Operation Basis) capacity at Silchar (Assam)
97	Fortress Investments (Ghana) Ltd	Preparation of Techno Economic Feasibility Report (TEFR), for Setting up a 1200 TPD Portland Pozzolana Cement Grinding Unit in Ghana
98	Ultratech (Bhatinda Cement Works)	Technical Feasibility Study & Capex for Installation of SKS Separator for Flyash at Bhatinda Cement Works
99	Saraf Agencies Ltd.	Preparation of Bankable Techno Economic Feasibility Report for setting up a 2 x 10000 TPA Titanium Slag Production Facility in Orissa
100	Mesco Magic Cement Ltd., New Delhi.	Preparation of Techno Economic Feasibility Report (TEFR), for Setting up 2.0 Million TPA Green Field Cement Plant at Rewa (M.P.)
101	Navkan Mines and Minerals Pvt. Lt	Carrying out Technical Pre-Feasibility Study for installation of Flyash Handling System at NTPC – Jhajjar TPP
102	Goldstone Cements Ltd.	Updating of TEFR for 2000 TPD Goldstone Cements at Meghalaya
103	J.K. Lakshmi Cement Ltd	Preparation of Techno Economic Feasibility Report (TEFR) for Setting up 1500 TPD Green Field Cement Grinding Unit near Surat, Gujarat
104	J.K. Lakshmi Cement Ltd	TEFR for Capacity expansion of Jhajjar GU (from 0.5 to 1.0 MTPA)
105	Ashapura Group Of Industries	Pre-Feasibility Report for 20,000 T per annum White Cement Manufacturing Plant at Bhuj, Gujarat.

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Work</b>
106	Pretoria Portland Cement Company Limited, South Africa	Techno Economic Feasibility Report (TEFR) for Setting up a Green Field 1500 TPD Cement Plant in the Central District of Botswana, South Africa
107	J.K. Lakshmi Cement Ltd	Preparation of a Detail Project Report (DPR) for setting up 4500 TPD Clinkerisation Unit at Sirohi, Rajasthan
108	Bashundhara Group of Companies	Carrying out Technical Study Report for Product Enhancement in their Cement Plant.
109	J. K. Lakshmi Cement Ltd.	Preparation of revised Detailed Project Report (DPR) for setting up 1.8 Mtpa integrated cement plant in Durg, Chhattisgarh.
110	Raysut Cement Co. (MuKalla Raysut Trading and Industrial Company - MRTIC)	Preparation of Techno Economic Feasibility Report (TEFR) for setting Up A 0.5 Million TPA Portland Pozzolana Cement Grinding Unit In Mukalla, Yemen.
111	Mamba Cement Company Limited	Preparation of Techno Economic Feasibility Report (TEFR) for Setting up 1.0 Million TPA (3000 TPD) Cement Plant in Tanzania
112	PPC Limited, South Africa	Technical Concept & Specifications for Nike Cement Project, Mozambique
113	PPC Limited, South Africa	TEFR for Gaborone Cement Grinding and Packing Plant in Botswana.
114	PPC Limited, South Africa	TEFR for complete 3000 TPD Cement Plant (Barnet Project) in the Democratic Republic of Congo.
115	Birla Corporation Ltd	TEFR for 2.0 Million TPA Green Field Cement Project Near Satna.
116	PPC Limited, South Africa	Preparation of Techno Economic Feasibility Report (TEFR) for Setting up a 3000 TPD Clinker Manufacturing Facility at Rogo Hills (Nyampanda), Zimbabwe
117	PPC Limited, South Africa	Preparation of Techno Economic Feasibility Report for proposed 2000 TPD Cement Grinding Facility at Harare, Zimbabwe
118	J. K. Lakshmi Cement Ltd	Preparation of Detailed Project Reports (DPR) for setting up two Cement Grinding Plants in West Bengal.
119	Associated Stone Industries	Financial Due Diligence Study for 3000 TPD AI – Bana Cement Plant, UAE
120	Nirmal Cement (Lokapur Cement)	preparation of TEFR for setting up 1000 TPD Rotary Cement Plant at Lokapur, Dist Bagalkot, Karnataka

Sl. No.	Name of the Client	Nature of Work
121	Saurashtra Cement Ltd	TEFR for setting up 0.3 MTPA (expandable to 0.5 MTPA) Cement Terminal at Kollam Port, Kerala
122	Associated Stone Industries Ltd.	Technical Feasibility Study for Aggregate Business Plan from the reject / dump material of Kota stone at Ramganjmandi (Raj.)
123	Birla Corporation Ltd.	Preparation of Techno Economic Feasibility Report (TEFR) for 3000 TPD Cement Project in Assam.
124	Ultra Tech Cement Ltd.	Review & updating / preparation and submission of the DPRs for Dankuni, Patliputra, Aditya Line-III along with Jhajjar and other GU
125	Mesco Steel	Updating the Techno-Economic Feasibility Report for 0.5 MTPY Slag Cement Project at Jajpur, Odisha
126	Cementex Ltd. (Geo work Ltd.)	Preparation of Techno-Economic Feasibility Report for 300 TPD Mini Cement Plant in Nigeria
127	Asian Concretes and Cements Pvt. Ltd. (M/S Duratech Cements India Ltd.)	Preparation of Techno-Economic Feasibility Report (TEFR) for 0.6 Million TPA capacity Cement Grinding Unit in Bihar.
128	Birla Corporation Ltd.	Preparation of Techno Economic Feasibility Report (TEFR) for 2.0 Million TPA Integrated Cement Plant at West Java, Indonesia
129	M/s. Bahrain Motors Company W.L.L.,	Preparation of Techno Economic Feasibility Report (TEFR) for setting up a 500 TPD Clinker Grinding Plant in 1 <sup>st</sup> phase and expandable up to 1000 TPD in 2 <sup>nd</sup> Phase
130	Ultratech, Magdalla	Feasibility Study for capacity up-gradation of Magdalla Grinding Unit by either installation of Roll Press with the existing Ball Mill System or by installation of one VRM shifted from Wanakbori Cement Works and increase the bulk loading capacity from 0.2 mtpa to 0.8 mtpa.
131	Chaitanya Minerals, Jabalpur	Preparation of Market study & Techno Economic Feasibility Report for Mineral Beneficiation (Grinding / Calcination) Plant at Jabalpur, M.P.
132	Birla Corporation Limited	Preparation of Techno-Economic Feasibility Report for 3000 TPD Lok Cement Project
133	J.K. Lakshmi Cement Ltd.	Techno Economic Feasibility Report (TEFR) for 1.5 MTPA Cement Grinding Unit at Bankura, West Bengal and 2 x 0.75 MTPA Clinker Grinding Unit at Chakla (Bhedyiadang) Industrial Area, Teh. & District: Kishanganj (Bihar)



Sl. No.	Name of the Client	Nature of Work
134	Ghorahi Cement, Ind. Pvt. Ltd. Nepal	Techno Economic Feasibility Report (TEFR) for expansion of the existing production facility by adding 3000 TPD clinkerization unit at Dang District in Nepal.
135	Lafarge India Pvt. Ltd.	Market study of Indian Cement Industry covering Andhra Pradesh, Telangana, Karanataka and Maharashtra areas for upcoming cement plant of Lafarge at Gulbarga, Karnataka.
136	Surya Roshni Ltd.	System study and design report for computerization of all their units at Kashipur (UP & Malanpur (MP)), India
137	Pure Chem Industries	Preparation of TEFR for expansion / up gradation of existing coal based 300 TPD VSK Cement Plant to Gas fired 600 TPD Rotary Kiln Cement plant in Ogun State of Nigeria.
138	Grasim Industries Ltd.	TEFR for installing aggregate crushing plant for Ready Mix Concrete plant in Pune
139	Grasim Industries Ltd.	TEFR for installing aggregate crushing plant for Ready Mix Concrete plant at Narnaul, Haryana
140	Monnet Ispat Ltd.	Preliminary feasibility study for setting up a cement plant in Chattisgarh
141	Grasim Industries Ltd.	TEFR for installing crushing plant for Ready Mix Concrete plant at Delhi (Gurgaon / Noida)
142	J.R. Cement Ltd.	Preparation of TEFR for 225 TPD VSK cement plant in Dist. Patiala, Punjab
143	Pashupati Cement Ltd., Nepal	Detailed project report for 300 TPD cement plant in Nepal
144	Gujarat Hi-Tech Industries Ltd.	TEFR for masonry cement project at Kodinar, Gujarat, India
145	ASO Cement Ltd.	Preparation of TEFR for setting up a 200 TPD PSC plant at Kalyani, India
146	Grasim Industries Ltd.	Study of the Birla Periclase plant near Vishakhapatnam to examine the possibilities of converting the same to a slag cement grinding unit
147	Chariot Cement	TEFR for composite cement plant unit-II of 80000 TPA at Orissa, India
148	The Orissa Mining Corporation Ltd.	Feasibility report for utilization of limestone of Umpavally limestone deposit of QMC Ltd. at Orissa, India
149	Jindal Steel & Power Ltd.	TEFR for a 100 TPD blending cement plant at Raigarh, India
150	Chariot Cement Ltd.	Preparation of bankable TEFR for a 130 TPD VSK

Sl. No.	Name of the Client	Nature of Work
		clinkerisation plant in Orissa, India
151	Modi Alkalies and Chemicals Ltd.	Evaluation of sludge produced at MACL, Alwar works to determine its feasibility for manufacture of cement, India
152	Pittie Cement and Industries Ltd.	Development of computer software for raw mix optimisation for 150 TPD cement plant in Rajasthan, India
153	Saboo International Ltd.	Technical consultancy, project evaluation and basic engineering for the supply of a 150 TPD VSK cement plant in Vietnam
154	Saboo International Ltd.	Preparation of a bankable TEFR for a 200 TPD VSK cement plant at Kotputli, Rajasthan, India
155	Noble Enterprises Ltd.	Preparation of bankable TEFR for setting up a 50 TPD VSK cement plant in UP based on the limestone deposit at Bhimguda, H.P, India
156	Aso Cement Ltd.	Preparation of bankable TEFR for setting up a 200 TPD PSC grinding unit near Kharagpur, West Bengal, India
157	Purvi Cement Ltd.	Preparation of bankable TEFR for setting up a 600 TPD PSC grinding unit in West Bengal, India
158	Noble Enterprises Ltd.	Preparation of bankable TEFR for setting up a 50 TPD VSK cement plant in UP based on the limestone deposit at Bhimguda, Himachal Pradesh, India
159	Gujarat High Tech Industries Ltd.	Technical study related to improving the present plant productivity and expansion of the production capacity from 300 TPD to 550 TPD in Gujarat, India
160	Setwell Cement	Preparation of a bankable TEFR for setting up a 200 TPD cement grinding unit in Madhya Pradesh, India
161	Gujarat Guardian Ltd. (A unit of Modi Rubber Ltd.)	Prefeasibility report for a sand beneficiation plant for float glass project in Gujarat, India
162	Gujarat Hi Tech Industries Ltd.	Reappraisal of the TEFR for expansion of the plant capacity from 350 TPD to 600 TPD for manufacturing of special cement in Gujarat, India
163	Gujarat Anjan Cement Ltd.	Preparation of TEFR for 1200 TPD Cement Plant in Kutch, Gujarat
164	Vinay Cement Ltd.	Preparation of TEFR for 1200 TPD Cement Plant in Assam
165	Grasim Industries Ltd.	TEFR for expansion of existing 1.0 million TPA cement grinding plant in Bhatinda, Punjab to 2.0 million TPA
166	Dang Cement Ltd.	Preparation of TEFR for 1200 TPD cement plant in

Sl. No.	Name of the Client	Nature of Work
		Nepal
167	Bahrain Concrete Technologies	Preparation of TEFR for 300 TPD OPC grinding unit in Bahrain.
168	Lootah Group	Preparation of TEFR for 1200 TPD cement plant in UAE
169	Nunees Group	Preparation of TEFR for 600 TPD cement plant in Nigeria
170	J&K Cement Ltd.	Preparation of TEFR for 600 TPD cement plant in Jammu & Kashmir
171	Sitar Investment & Trading Corporation	Preparation of TEFR for up gradation of existing 350 TPD cement plant to 750 TPD in Sudan
172	Bahrain Concrete Technologies	Preparation of TEFR for 600 TPD cement plant in Bahrain
173	Lootah Group	Preparation of TEFR for 100 TPH cement grinding unit in UAE
174	Oman Cement Company	Preparation of TEFR for 5000 TPD cement plant & split located grinding unit in Oman
175	Grasim Industries Ltd.	Technical study of cement plants at Delhi, Rajban, Neemuch and Adilabad
176	Grasim Industries Ltd.	Study for U. P. State Cement Corporation Ltd. Plants at Chunar and Delhi
177	Grasim Industries Ltd.	Site selection and Location analysis study & Preliminary hydrological survey for proposed cement plant site
178	Grasim Industries Ltd.	Study regarding relocation of white cement plant
179	Saurashtra Chemicals Ltd.	Study for conversion of Vertical Roller Coal mill to Lime Grinding mill
180	Shree Cement Ltd.	Updation of TEFR for 2.0 million TPA
181	Jammu & Kashmir Cement Ltd.	Preparation of TEVR and detailed tender document
182	Advance Business Consultant	Preparation of Technical part of feasibility report
183	JK Corporation Ltd.	Pre-feasibility report for setting up a 1200/1250 TPD cement plant in Meghalaya
184	JK Corporation Ltd.	Pre-feasibility and site selection study of 1.5 million TPA cement plant in Himachal Pradesh
185	Aditya Cement Ltd.	Techno-Economic Feasibility study for setting up 2 <sup>nd</sup> unit in Aditya Cement
186	Lafarge India Pvt. Ltd.	Updation of Pre-feasibility report for proposed cement project at Alsindhi in Himachal Pradesh

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Work</b>
187	Mangalam Cement Ltd.	TEFR for up gradation of unit - I
188	Navrattan Blue Crete Industries Pvt. Ltd..	Techno Economic Feasibility Report (TEFR) for 300 TPD Clinkerisation Unit at Srinagar
189	Navrattan Blue Crete Industries Pvt. Ltd..	Techno Economic Feasibility Report (TEFR) for 300 TPD Blending Unit in and around Mumbai
190	Navrattan Blue Crete Industries Pvt. Ltd..	Techno Economic Feasibility Report (TEFR) for 300 TPD Blending Unit at Rajpura (Punjab)
191	Century Cement (Maihar Cement)	Study on technical feasibility of shifting of one kiln from Manikgrah Cement Unit No.1 to Maihar Cement
192	M/s Reliance Cement Co. Pvt. Ltd. (subsidiary of Birla Corporation)	Techno Economic Feasibility Study (TEFR) for Dolomite Mining / Grinding / Calcination at Mukutban Plant
193	Teja Cement Ltd	Bankable Techno Economic Feasibility Report (TEFR) for proposed 1.0 Million TPA Cement Project in the Yerra Guntala Region of Andhra Pradesh
194	UTCL (GCW)	Technical feasibility study and CAPEX for providing Bypass arrangement for the FGD system in Thermal Power Plant (TPP) of Gujarat Cement Works, Kovaya
195	Nile Cement Sudan	Brief Technical Feasibility Report for Installation of Pet coke Storage, Handling, Crushing & Screening, Grinding, Fine Pet coke Conveying, Storage, Dosing and Firing System for 1000 tpd Rotary Kiln at Nile Cement Company, Rabak, Sudan
196	RNCOS	Marketing study of Clinker, Cement (OPC, PPC/PLC) & Ground Slag- GGBFS (Both as Raw Materials and finished goods) in GCC & East Africa with focus on UAE, OMAN & Tanzania
197	Ultratech (Mumbai)	Preparation of Techno Economic Feasibility Report (TEFR) for setting up a 2.00 Mio. TPA Cement Grinding Unit at Bara in Uttar Pradesh
198	Star Cement Ltd. (Delhi / Meghalaya)	Preparation of Techno Economic Feasibility Report (TEFR) for 2.0 Million TPA Integrated Cement Plant in Meghalaya and TEFR for 2.0 Million TPA Clinker Grinding Unit in Guwahati

Sl. No.	Name of the Client	Nature of Work
199	PPC Ltd.	Preparation of Bankable Techno Economic Feasibility Report (TEFR) for Setting up a 1.6 Million TPA Cement Project at Riebeeck, Western Cape, South Africa
200	Star Cement Ltd. Meghalaya)	Preparation of Techno Economic Feasibility Report (TEFR) for expansion of existing Grinding Unit by 0.80 MTPA located at Chamta Pathar, Guwahati
201	IFC Nepal (World Bank)	Market Assessment of Cement Sector in Nepal
<b>List of Feasibility Report &amp; Project Evaluation Studies for other than Cement Projects / Units are:</b>		
202	Vikram Cement	Preparation of bankable TEFR for setting up a ready mix concrete plant near Indore, Madhya Pradesh, India
203	Vikram Cement	Preparation of bankable TEFR for setting up 30/60/90 m <sup>3</sup> /hr capacity ready mix concrete plants in Delhi, India
204	Vikram Cement	Preparation of bankable TEFR for setting up a light weight aggregate and bricks manufacturing plant based on flyash near Bathinda, Punjab, India
205	Vikram Cement	TEFR for manufacture of concrete hollow blocks
206	Texmaco Ltd.	TEFR for using basic bricks in their cement kiln in view of enhancement of production rate from 1500 TPD to 2200 TPD in Andhra Pradesh, India
207	Modi Cement Ltd.	Harmonic study on the power network at the 1 million tonne cement plant at Modigram, India.
208	Modi Cement Ltd.	Kiln and refractory management studies in collaboration with M/s. S.G. Blair & Co., U.K at the million tonne cement plant at Modigram, India
209	Modi Cement Ltd.	Preparation of TEFR for manufacture of HDPE bags for the cement plant at Modigram, Madhya Pradesh, India
210	Jindal Strips Ltd.	Environmental improvement scheme for the 3 lakh TPA sponge iron plant at Raigarh, Madhya Pradesh and mines at Tensa, Orissa, India
211	Modi Alkalies and Chemicals Ltd.	Technical feasibility and engineering design for expansion of the existing salt handling system at Alwar, Rajasthan, India

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Work</b>
212	Photonics Pvt. Ltd.	Monitoring of construction quality (Materials/ Practice) for erection of a multi storied RCC structure in Delhi, India
213	Jindal Strips Ltd.	Preliminary studies for improving the engineering operation of the 3 lakh TPA sponge iron plant at Raigarh, Madhya Pradesh and mining operation at Tensa, Orissa and overall engineering support
214	Grasim Industries Ltd.	Preparation of TEFR for manufacturing of calcined and hyderated lime at the premises of Birla Periclase Ltd. in Vishakhapatnam, India
215	Manipal - NRI International	Preparation of bankable TEFR for setting up 2 x 12.5 MW thermal power plant based on agricultural waste in Rajasthan, India
216	Saraf Agencies Ltd.	Preparation of TEFR for setting up synthetic rutile plant at Gopalpur, Orissa, India
217	Birla VXL Ltd.	Technical feasibility study for incorporating lignite firing system in Gujarat, India
218	D.A. Marine	TEFR for installation of 60 MW coal based captive thermal power plant at M/s. Universal Ferro and Allied Chemical Ltd., at Tumsar, Nagpur, India
219	Caldyn Consultants (India) Pvt. Ltd.	Feasibility Report on waste heat recovery based captive power plant for M/s. J. K. Udyog Udaipur Ltd. at Udaipur, India
220	M/s Infrastructure Development Consulting Services, Nagpur	TEFR (Techno-Economic Feasibility Report) for setting up of Clinker Grinding Unit at Dhanbad for the production of PPC by utilizing the Fly Ash generated from the power plant
221	M/s Orient Cement Limited	Techno-Economic Feasibility Report (TEFR) for Grinding Unit at Tiroda, Maharashtra.
222	Maruti Cement Ltd., Nepal	Preparation of Bankable Techno Economic Feasibility Report (TEFR) for setting up a 2500 TPD Brownfield Cement Plant in Nepal
223	Navrattan Blue Crete Industries Pvt. Ltd..	Preparation of Techno Economic Feasibility Report for Installation of 0.5 MTPA Blending Unit at Rajpura, Punjab.
224	The Travancore Cements Ltd, (Kerala	Feasibility study for producing clinker in Travancore Cements Ltd by renovation and modernization of the existing cement plant to dry process technology to produce either white cement or grey cement of suitable grade[s] or both and wall putty

Sl. No.	Name of the Client	Nature of Work
225	Arihant Enterprises	Bankable Techno Economic Feasibility Report (TEFR) for setting up of 1.0 MTPA Fly Ash Grinding Unit at Jhajjar, Haryana
226	SHREE DIGVIJAY CEMENT CO.LTD	Techno-Economic Feasibility Report (TEFR) for expanding the Clinker grinding capacity from 1.2 Mio. TPA to 2.0 Mio. TPA at the existing cement plant in Digvijaygram, Gujarat
227	M/s Star Cement Ltd	Study of Compatibility of the existing system at Star Cement Ltd., Star Cement Meghalaya Limited and Meghalaya Power Ltd. for use of Muslate as an alternate fuel
228	M/s Duratech Cements India Limited (Asian concrete)	Updation of Techno-Economic Feasibility Report (TEFR) for setting up of 0.6 Mio. TPA Cement Grinding Unit in Samastipur District, Bihar
229	M/s Birla Corporation Limited, Kolkata	Study of explosion vents in coal mills of both units, and study related to Installation of Nitrogen Initiation purging system in Coal Grinding & Storage Circuit for both units at BCL Satna
230	M/s. JK Lakshmi Cement Limited	Pre-Feasibility Report for setting up an Integrated Cement Plant of 3.0 Mio. TPA Clinkerisation Capacity along with Waste Heat Recovery based Power Plant & Captive Thermal Power Plant near Mudhavey, Lakhsat, Gujarat with a Captive Jetty with an estimated material movement of 5.0 Million TPA and two split located GUs one in Maharashtra and another in Karnataka
231	M/s. JK Lakshmi Cement Limited	Proposal for Preparation of Pre-Feasibility Report (PFR ) for setting up Integrated Cement Plant Clinker 3.0 Million TPA with Waste Heat Recovery Power Plant & Captive Thermal Power Plant near village Tandawas , Dist-Nagaur. Rajasthan with two split located GUs, one in Haryana and another in Punjab.
232	Star Cement Ltd.	Updation of the earlier Techno Economic Feasibility Report (TEFR) for setting up a 3.3 Million TPA Clinkerisation Unit with compatible Waste Heat Recovery (WHR) System and with 2.0 Million TPA Cement Grinding unit at Lumshnong, Meghalaya
233	Dalmia Cement Bharat	Preparation of TEFR for enhancement of Grinding Capacity by 1.5 Million TPA from 2.5 Million TPA to 4.0 Million TPA at plant in Yadwad, Dist. Belgaum in Karnataka
234	Dalmia Cement (Bharat) Ltd.	Preparation of TEFR for 4 nos. Cement Grinding units – 2 nos. Greenfield in Tamil Nadu (Tuticoring & South Chennai), 1 no. Greenfield in Bihar and 1 no. Brownfield in Jharkhand



<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Work</b>
235	M/s UltraTech Cement Limited (Unit: Nathdwara Cement Works, Pindwara)	Study Report to set up a new system of 100 TPH for Pond ash feeding to 4 Cement Mills at Nathdwara Cement Works, Pindwara
236	Krishak Bharati Cooperative Limited (KRIBHCO)	Bankable DFR / TEFR for Cement Grinding unit with a capacity of 1.0 MMTPA at Hazira Surat
237	UTCL / Birla Carbon India Private Limited (Formerly known as SKI Carbon Black (India) Private Limited)	Feasibility study with extended Basic Engineering and Cost estimation for a Flue Gas Desulfurization system in Gummidipoondi, Thiruvallur district, Tamilnadu
238	M/s Pentacle Consultants (I) Pvt. Ltd.	Techno-Economic Feasibility Study to determine the most ideal model of developing Integrated Cement Plant / Cement Clinker Grinding Unit / Cement Blending Unit / Processing Unit in Adjacent / on the land available at Power Plant Located at Koradi, Khaperkheda, Chandrapur TPS
239	Vulcon International Ltd. (Jasco Investment Ltd.)	Bankable Techno-Economic Feasibility Report (TEFR) for setting up of 100 TPH capacity Cement Grinding Unit in Sierra Leone
240	Star Cement Ltd.	TEFR for New cement Grinding Unit of capacity 2.0 MTPA adjacent to their existing Guwahati Grinding Unit at Tehsil Sonapur, District Kamrup (Metro) Assam.
241	Goldstone Cements Ltd, Meghalaya	Technical Feasibility Study and Preparation of Bankable TEFR for Enhancement of Plant capacity for achieving 2400 TPD Clinker output covering Lime stone crushing, Raw material grinding system, Pyro-section up to CSP feeding and Coal Grinding at Gold Stone Cement plant in Meghalaya.

## CIVIL AND STRUCTURAL DESIGN ENGINEERING SERVICES

Sl. No.	Name of the Client	Nature of Assignment
1	Goldstone Cement Ltd.,	Complete Civil Design & drawings for 2500 TPD cement plant in Meghalaya.
2	Orient Cement, Hyderabad	Civil / Structural engineering for a 700,000 TPA cement grinding unit in Jalgaon, Maharashtra
3	Grasim Industries Ltd., Mumbai	Complete civil design and drawing work for 3000 TPD ash cement grinding unit at Bhatinda, Punjab.
4	Purechem Industries Ltd., Nigeria	Complete civil design & drawings for 300 TPD VSK plant at Lagos, Nigeria.
5	ASO Cement Ltd., Kolkata	Complete civil and structural designs for 200 TPD slag cement plant at Kharagpur, West Bengal
6	Modi Cement Ltd., New Delhi	Complete civil and structural designs of plant modernization including closed circuiting of cement mill, material handling, PH tower and coal mill building modifications for dust trapping etc. at Rewa, M.P.
7	Hindalco Industries Ltd., Renukoot, U.P.	Assessment of water hammer pressure and its control measures at Renukoot, U.P.
8	Hindalco Industries Ltd., Renukoot, U.P.	Complete civil/structural design of coal handling system at Renukoot, U.P.
9	Hindalco Industries Ltd., Renukoot, U.P.	Complete civil/structural design of Bauxite handling system at Renukoot, U.P.
10	Jindal Strips Ltd., New Delhi	Structural design and consultancy for a 110 m tall steel chimney, Raigarh, M.P.
11	Mangalam Cement, New Delhi	Consultancy for structural strengthening of 4 electrostatic precipitators, at Morak, Rajasthan
12	Lakshmi Cement (J. K. Corp. Ltd.), New Delhi	Review of structural design of 2500 TPD cement plant at Sirohi, Rajasthan
13	Chariot Cement, Rourkela	Complete civil design of cement grinding unit at Rajgangpur, Orissa
14	Udaipur Cement, Udaipur	Structural strengthening measures for existing crane gantry at Bajajnagar, Udaipur.
15	Orient Paper Mills Ltd., Kolkata	Civil engineering services for new coal handling system, Brajrajnagar, Orissa
16	Orient Paper Mills Ltd., Kolkata	Civil engineering services for chemical recovery boiler plant at Amlai, M.P.

Sl. No.	Name of the Client	Nature of Assignment
17	Birla Jute and Industries Ltd., Kolkata	Civil engineering consultancy and proof checking of designs, drawings and technical specifications for installation of pollution control equipment (ESP, Chimney, Silo etc.) for the calcium carbide plant
18	Chariot Cement, Rourkela	Complete civil & structural design of 130 TPD VSK plant at Rourkela, Orissa.
19	Punjab National Bank, New Delhi	Complete structural design of regional training centre at Lucknow
20	Punjab National Bank, New Delhi	Structural design of office complex at Lucknow
21	Birla Jute & Industries Ltd., Kolkata	Civil and structural design for auto-trim plant at Gurgaon
22	Mangalam Cement, New Delhi	Civil and structural design for energy saving structures and buildings at Morak, Rajasthan
23	Ansal Housing and Construction, New Delhi	Structural design and drawings of 11storeyed Vikas Deep building at Laxmi Nagar, New Delhi
24	Ansal Housing and Construction, New Delhi	Structural design and drawings of 8 storied commercial building at Laxmi Nagar, New Delhi
25	Jindal Strips Ltd., New Delhi	Structural design and consultancy for a 60 m tall steel chimney, Raigarh, Chhatisgarh
26	Jindal Strips Ltd., New Delhi	Structural design and consultancy for a 25 m long composite construction bridge across Kelo river
27	Gujarat Ambuja Cement, Kodinar	Structural and civil designs and drawings for 60.6 m span and 58.4 m span roof coverings over limestone stockpile and reclaim sheds at Mooldwarka, Gujarat
28	Monnet Ferro Alloys Ltd., New Delhi.	Review of structural and civil designs of ferro alloy plant at Durgapur
29	Orient Paper Mills, Kolkata	Civil and structural design engineering of foundation for 6 MW D.G.set, Amlai, Madhya Pradesh.
30	Gujarat Ambuja Cement Ltd., Kodinar	Civil and structural design for new jetty in Gujarat for cement handling, Mooldwarka, Gujarat
31	R.S.Avtar Singh, New Delhi	Structural design for a 75 m tall steel chimney for M/s. Indo Gulf Fertilizers project at Dahej, Gujarat
32	Naveen Projects Ltd., New Delhi	Civil and structural engineering services for water treatment project at Dharna Sar, Rajasthan.

Sl. No.	Name of the Client	Nature of Assignment
33	SMEC, India / Australia	Civil & Structural design and services for 14 nos. of various sizes of hospitals for Punjab Health Systems Corporation, Punjab
34	Gujarat Ambuja Cement Ltd., Himachal Pradesh	Structural design and drawings for covering of existing limestone stock pile at Darlaghat, Himachal Pradesh.
35	Meghna Cement Mills Ltd., Bangladesh	Modification in jetty structure for new cement loading system at Monglaport, Bangladesh.
36	R.S. Avatar Singh, New Delhi	Civil Design and drawings for Power Station at Khaperkheda of 2 x 210 MW capacity under stage II for units 3 and 4
37	Bharat Heavy Plate & Vessels, Vishakhapatnam, Andhra Pradesh.	Structural drawings for R.R. Package at Haldia Refinery, West Bengal
38	Ambuja Cement Eastern Ltd., Rawan, Chhattisgarh.	Civil Design and drawing for 10 MW D.G Plant at Raipur, Chhattisgarh.
39	Ambuja Cement Eastern Ltd., Rawan, Chhattisgarh.	Civil Design and drawing for screening Plant at Raipur
40	Bhardwaj, Bhardwaj & Associates, New Delhi.	Civil/Structural Design of Breawaries plant at Bhiwadi, Rajasthan for Somdut Brewaries Ltd.
41	Grasim Industries Ltd., Khor, M.P.	Complete Civil / Structural Steel Design & drawings of Clinker Loading System including Clinker Silo at Vikram Cement Khor (M.P.),
42	Dabur India Ltd., New Delhi	Complete civil & structural design & drawings for C.D.O. Complex at Hamdardnagar, U.P.
43	Indo-Gulf Fertilizers, New Delhi.	Complete civil/structural design & drawings for 1 x 24.5 MW captive power plant at Dahej, Gujarat.
44	Birla Corporation Ltd. Durgapur.	Civil Design and drawings for Slag Feeding conveyor at Durgapur Works.
45	R.S. Avatar Singh, New Delhi.	Fabrication drawings including design for about 11500 MT of steel for 2 x 210 MW Khaperkheda Thermal Power Station unit-3&4.
46	R.S. Avatar Singh, New Delhi.	Fabrication drawings ITDC Hotel Project at Chandigarh.
47	Bharat Heavy Plate & Vessels Ltd., Vishakhapatnam.	Fabrication drawings for about 700 MT of steel for IOCL Refinery R.R. Package Project at Haldia.
48	Grasim Industries Ltd., Mumbai	Fabrication drawings and checking of supplier's fabrication drawings of about 1000 MT Fly ash Cement grinding unit at Bhatinda, Punjab.

<b>Sl. No.</b>	<b>Name of the Client</b>	<b>Nature of Assignment</b>
49	S.P. Chibber, New Delhi	Strengthening of existing structure of office cum residential building in Delhi.
50	Photonics Pvt. Ltd., New Delhi	Monitoring of construction quality (Materials/ Practice) for erection of a multi storied RCC structure in Delhi.
51	Snowy Mountains Engg. Corpn. (SMEC), Australia & India	Proof checking of designs for Antenna Tower Anchorages for World Bank Building, New Delhi.
52	Orient Cement, Hyderabad.	Construction supervision of civil and structural steel works for cement grinding unit at Jalgaon.
53	Modi Cement Ltd., New Delhi	Construction supervision for civil works including structural steel construction cement plant at Raipur.
54	Meghna Cement Mills Ltd., Bangladesh	Construction supervision for civil and structural steel works for modernisation of their cement plant at Monglaport, Bangladesh.
55	Grasim Industries Ltd., Mumbai	Construction supervision for civil and structural steel works for flyash cement grinding unit at Bhatinda.
56	Grasim Industries Ltd., Mumbai	Preparation of fabrication drawings including design for conveyor galleries at Vikram Cement, Khor.
57	Purechem Industries Ltd., Nigeria	Construction supervision of civil and structural steel works for VSK plant at Lagos in Nigeria.
58	Bhardwaj Bhardwaj & Associates, New Delhi.	Design and strengthening of existing structure of National Sports Club of India, New Delhi.
59	Raysut Cement Company, Oman	Agreement for civil and structural engineering consultancy service.
60	Ultratech Cement Ltd, Bathinda Cement Works	Providing Civil Engineering Services for Covering the Part of Packing Plant at +5.4 M level.
61	Ultratech Cement Ltd, Bathinda Cement Works	Providing Civil Engineering Services for Gypsum Tippler Foundation.
62	Ultratech Cement Ltd, Magdalla Cement Works	Civil & Structural Work Modifications
63	PPC Ltd , South Africa (M/s STE PPC Barnet DRC Manufacturing, SA)	Review of Civil Design & Drawings for 3000 TPD Green Field complete Cement Plant (Barnet Project) in the DRC.
64	PPC Ltd, Zimbabwe	Review of Civil Design & Drgs.for setting up of 100 TPH Clinker Grinding facility at Harare in

Sl. No.	Name of the Client	Nature of Assignment
		Zimbabwe.
65	PPC Ltd, South Africa	Review of Civil Design & Drawings for Upgradation Project of SK-8 line including new Clinkerisation line (SK-9) at Slurry Cement Plant in South Africa
66	Oman Cement Company, Oman	Review of Civil Design & Drawings for Cement Mill-5.
67	Sena Kalyan Sangstha, Bangladesh	Review of Civil Design & Drawings setting up 3rd Cement Grinding Mill (120 TPH) at Mongla cement Factory.
68	Gulf Cement Co., UAE	Review of Civil Design & Drawings for 8000 TPD Cement Clinkerisation Plant at Ras Al Khaimah, UAE
69	Falcon Cement, Bahrain	Review of Civil Design & Drawings for setting up 300 TPD Portland cement grinding plant in Bahrain.
70	Nile Cement Co.	Review of Civil Design & Drawings for modernization of 1000 TPD Cement Plant at Rabak, Sudan.
71	J & K Cement	Review of Civil Design & Drawings for Setting up 300 TPD Cement Grinding Unit in Samba
72	Rak White Cement, UAE	Civil Design & Drawings Services for the various RCC Structures for conversion of Lime Kiln No.3 to Pet Coke Firing.
73	Chaudhary Group - CG Cement Industries Palpa Pvt. Ltd., Nepal.	Civil and Structural Design and Engineering Consultancy Services for 1,950 TPD Clinkerisation Project at Palpa in Nepal.
74	JSW Cement Ltd	Basic Engineering Report and Detailed Engineering for Mechanical, E&I and Civil for Proposed additional Product Silo with feeding and extraction system to existing Packers at JSW Salboni Plant.
75	Saurashtra Cement Limited Ranavav	Consultancy service (civil & structural design) for replacement of cement Mill No.03 at their Ranavav (Gularat) Plant.
76	Saurashtra Cement Limited Ranavav	Consultancy service (civil & structural design) for replacement of cement Mill No.03 at their Ranavav (Gularat) Plant.
77	M/s PPC Ltd.	Engineering Consultancy Services covering Review of Detail Engineering for setting up of

Sl. No.	Name of the Client	Nature of Assignment
		Limestone Stockpile Storage Shed at PPC's Slurry Cement Plant.
78	M/s. KEC International Limited (A RPG Group Company)	Preparation of Fabrication Drawings of 3500 Tonnes for Volkswagon Project Site in Pune, Maharashtra
79	Wonder Cement Ltd.	Consultancy of conveyor belt structure additional platform erection possibility at CPP at Wonder Cement Ltd. (WCL), Nimabhera, Chittorgarh.
80	Ultratech Cement Ltd., Navi Mumbai	Heath Check-up Study Report for Dry mortar plant at UTCL WADA.



## GEOLOGICAL INVESTIGATION AND MINE PLANNING

Sl. No.	Client	Nature of Assignment
1	Harish Cement	Preparation Progressive Mine Closure Plan of Keran Limestone Deposit
2	Ultra Tech Cement	Geological Mapping of about 4.8 sq. km. Area at Idhan Lime stone quarry, Ras Al Khaima (UAE)
3	Ultra Tech Cement	Assessment & DDA - DDM report on availability of Limestone in Idhan lime stone quarry, Ras Al Khaima (UAE)
4	Techno-inn Associate	Preparation of Deposit Development Approach Document,
5	Mukalla Raysut Cement Co.	Raw material investigation including Computerized deposit Evaluation ,preparation of mining Plan & Raw mix Design for Yemen Project
6	UltraTech Cement Ltd.	Supervision of geological investigations of quarry of crushing stone deposits in Mumbai / Chennai / Bangalore / Hyderabad and preparation of report based on investigation data.
7	KJS Cement	Preparation of Deposit Development Approach Document.
8	Mysore Cement Limited	Preparation of Computerized Deposit Evaluation / Preparation of Mining Plan and Raw Mix Design Optimization for Mysore Cement Mining Lease Area, Karnataka
9	Orient Cement Ltd., India	Planning, design and supervision of geological prospecting work and preparation of geological report and mining plan for the 1.2 million TPA cement project at Shambhupura, Rajasthan
10	ABG Cement Ltd., India	Planning, design and supervision of geological prospecting work and preparation of geological report and mining plan for the 1.2 million TPA cement project at Kachchh, Gujarat
11	Gujarat Anjan Cement Ltd., India	Topographic survey, geological explanation and mine planning for limestone deposit at proposed cement plant at Kachchh, Gujarat
12	Sanghi Cement, India	Planning, design and supervision of geological prospecting work and preparation of geological report and mining plan for the 2.5 million TPA cement project at Kachchh, Gujarat

<b>Sl. No.</b>	<b>Client</b>	<b>Nature of Assignment</b>
13	Vikram Cement Ltd., India	Planning, design and supervision of geological prospecting work and preparation of geological report and mining plan for the 1.0 million TPA expansion project at Khor, Madhya Pradesh
14	Shree Cement Ltd., India	Evaluation of the existing limestone mines at Beawar and new deposit at RAS, Rajasthan for a new cement project
15	Phoenix Cement Ltd., India	Evaluation of limestone deposit at Narnaul, Haryana
16	Grasim Industries Ltd., India	Planning, design and supervision of geological prospecting work and preparation of geological report and mining plan for the 1.5 million TPA cement project at Veraval, Gujarat
17	Grasim Industries Ltd., India	Geological prospecting and consultancy services for preparation of geological exploration report and mining plan for Tadpatri limestone deposit, Andhra Pradesh
18	Grasim Industries Ltd., India	Preparation of rapid EIA/EMP report as per MOEF and IBM guidelines for limestone deposit covering 14.17 sq.km. of non-forest area at Tadpatri, Andhra Pradesh
19	Grasim Industries Ltd., India	Geological prospecting work covering topographic survey, geological mapping, core drilling, chemical analysis, preparation of geological report and mining plan at Sundernagar, Himachal Pradesh, India for a 3 million TPA cement project
20	Grasim Industries Ltd., India	Geological prospecting work covering topographic survey, geological mapping, core drilling, chemical analysis, preparation of geological report and mining plan at Rampura, Maonda & Kotputli in Rajasthan, India for a 3 million TPA cement project
21	Grasim Industries Ltd., India	Geological prospecting work covering topographic survey, geological mapping, core drilling, chemical analysis, preparation of geological report and mining plan for limestone deposit at Jamnagar in Gujarat, India
22	Dang Cement Pvt. Ltd., Nepal	Geological Assessment report of limestone deposit
23	Vishwakarma Cement Ltd., Nepal	Deposit evaluation report for mining of limestone
24	Virgo Cement Pvt. Ltd., Meghalaya, India	Short term mining plan for excavation of limestone

<b>Sl. No.</b>	<b>Client</b>	<b>Nature of Assignment</b>
25	Grasim Industries Ltd.	Geological Investigation, Mining plan, interim computer aided deposit evaluation in Maloh – Sunder Nagar limestone deposit, Himachal Pradesh
26	Grasim Industries Ltd.	Topographic survey and evaluation of infrastructure facilities for the proposed cement plant near Chambhi / Jawala / Maloh villages near Sunder Nagar in Himachal Pradesh
27	Harish Chandra Industries Ltd.	Topographic survey of proposed cement plant site covering 2 Sq. Km near Chambhi, Dist. Mandi, Himachal Pradesh
28	Harish Chandra Industries Ltd.	Preparing a report on land requirement for grant of mining lease of Keran Limestone deposit, Dist. Mandi, Himachal Pradesh
29	Grasim Industries Ltd.	Geological prospecting and consultancy service for preparation of geological exploration reports on Rampura limestone deposits in Sikar district and Kotputli limestone deposits in Jaipur district of Rajasthan
30	Grasim Industries Ltd.	Geological prospecting and consultancy service for preparation of geological exploration reports on Kotputli limestone deposits of RSMDC and National Limestone Company area of Kotputli, Jaipur district of Rajasthan
31	Grasim Industries Ltd.	Preliminary reconnaissance survey of the limestone deposit at Jamnagar district, Gujarat
32	Grasim Industries Ltd.	Preliminary investigation of Vajra limestone deposits in Hosadurga Taluka, Chitradurga district, Karnataka
34	Dalmia Cement (Bharat) Ltd.	Complete arrangement of Limestone reserves as part of Due diligent study for Dalla, Churk and Chunar units of M/s. U. P. State Cement Corporation
35	Vani Vilas Cement Ltd.	Detailed computerized evaluation of limestone deposit
36	Harish Cement Ltd.	Progressive mine closure plan and related drawings for Sunder Nagar limestone deposit, Himachal Pradesh
37	Gujarat Anjan Cement Ltd.	Technical services for supervision of geological prospecting, preparation of computerized deposit evaluation and preparation of mining plan/mine closure plan as per IBM guidelines

<b>Sl. No.</b>	<b>Client</b>	<b>Nature of Assignment</b>
38	Grasim Industries Ltd.	Preliminary prospecting report of P.L. 497.80 Hectares in the village Petnikota, and P.L. 97.74 Hectares in the village Ittikala, Kolimigundia Mandal, Dist. Kurnool, Andhra Pradesh
39	Ultratech Cement	Geological Estimation, DDA-DDM Report, Geological Mapping and Supervision of Exploration work at Idhan limestone quarry, Ras Al Khaima, UAE.
41	Balan Natural Food (P) Ltd.	Preliminary Geological Study and DDR for limestone deposit for One Million TPA Cement Project in Cambodia.
42	Ultratech Cement Ltd, Othwad	Supervision of additional drilling work and submission of Geological Investigation Report for Othwad Stone Quarry
43	Industrial Services, FZC	Preparation of Limestone Quarry Evaluation & Quality Report for RAK / UAE Quarry Scenario and Quality Evaluation & Availability
44	Mesco Steel (Mideast Integrated Steels Limited)	Technical Report for obtaining Environmental Clearances for proposed 0.5 MTPY Slag Cement Project at Jajpur, Odisha
45	Ultratech Cement Ltd -Birla White, Gotan	Computer Aided Deposit Evaluation for TWO Limestone Mines (Mine No. 1 and Mine No. 2)
46	Ultratech Cement Ltd - Harish Cement Limited.	Preparation of Mining Scheme and Progressive Mine Closure Plan (as per IBM Guide Lines) for next Five years for your Keran Limestone Mining Lease Area (725.855 Hectares) in Tehsil Sundernagar, Himachal Pradesh.
47	Associated Stone Industries (Kotah) Ltd.	Surface sampling and preparation of Geological Exploration plan including drilling matrix/supervision etc. for Limestone Deposit at Ramganjmandi
48	Associated Stone Industries (Kotah) Ltd. (ASIL)	Surface Sampling, Preparation of Geological Activities and supervision of drilling activities for Iron Ore deposit at Siddi, Rewa (M.P.)
49	Shiva Cement Ltd	Preparation of Report on Mining Reserve at Khatkurbahal Mines based on 54 boreholes.
50	UTCL, Mumbai (RMC)	Geological Assessment Report for Potential Aggregate Quarries In Nalgonda District (Andhra Pradesh).

<b>Sl. No.</b>	<b>Client</b>	<b>Nature of Assignment</b>
51	PPC Ltd , South Africa	Preparation of exploration plan, exploration supervision, sample analysis and CADE Report for Kimpese Limestone deposit in Democratic Republic of Congo.
52	PPC Ltd , South Africa (M/s STE PPC BARNET DRC QUARRYING SA)	Preparation of Mining Plan, Production Scheduling and Quarry Development Plan for 425 Hectare Mining Lease Area of Kimpese Limestone Deposit in Democratic Republic of Congo (DRC)
53	PPC Barnet DRC Manufacturing SA	Preparation of Mine Rehabilitation Plan (MRP) for Kimpese Limestone Deposit in Democratic Republic of Congo (DRC)
54	UTCL (Harish Cement Ltd)	Preparation of Report on Review and updation of Approved Mining Plan / Scheme and Progressive Mine Closure Plan (as per IBM Guide Lines) for next Five Years (Years:2017-2022) for 725.855Hect. Mining Lease Area in Keran Limestone Deposit, Sunder nagar (Himachal Pradesh)
55	UTCL - Birla White Jodhpur	Revalidation of Limestone Reserves and Resources for your TWO Limestone Mines (No.1- Keria Mines &no.2 Hira Sawai Mines) at Kharia-Khangar, Gotan, Nagaur with revised cut off parameters for White Cement Grade material (Limestone) and Cement Grade Material (Limestone).
56	M/s JK LAKSHMI CEMENT LTD	Preliminary Geological investigation and Technical Study of the Sri Chakra Cement Plant deposit near Guntur & Vizag in Andhra Pradesh.
57	Rain (Renuka) Cement Ltd. Hyderabad	Evaluation of Reserves and Resources for the Two adjoining Limestone Mining Leases at Ramai Area (825.83 Acres) and Yapalguda Area (747.16 Acres) at Adilabad, Telangana.
58	PROMAC Engineering Industries Ltd.	Engineering Consultancy Services for Supervision of Mine Development & Geological Investigation including CADE Report and Mine Plan for ROC Project.
59	Drillwell Cement Private Ltd. (J.K. Marble)	Evaluation of prospecting work carried out for the Ransigaon Limestone Deposit, and for Supervision of ongoing core drilling work and Final Assessment of Reserves and Resources.

## WASTE HEAT RECOVERY & CAPTIVE POWER PROJECTS

Sl. No.	Name of Company	Assignment
1	Caladyn Technologies, Germany	Complete Basic & Detailed Engineering for 4 MW Capacity WHR based Power Plant for Shree Cement Ltd., Beawar, Rajasthan, India
2	J.K. Lakshmi Cement Ltd.	Complete Basic Engineering & Procurement assistance for 9 MW WHR based Power Plant at Sirohi, Rajasthan, India.
3	Ultratech Cement Ltd.	Technical Feasibility & Study for WHR Project in their existing cement units.
4	Gulf Cement Co., Ras Al Khaimah, UAE.	Complete Technical Feasibility, Basic Engineering, Procurement assistance and Review of detailed Engineering for 33 MW WHR based Power Project
5	Gulf Cement Co., Ras Al Khaimah, UAE.	Complete Basic Engineering & Procurement assistance for 70 MW Coal Based Power Plant Project at Ras Al Khaimah, UAE.
6	Kamal Steels Ltd., MP	Feasibility Study for Waste Heat Recovery from Sponge Iron plant for Power Generation
7	J.K. Corporation Ltd.	Review of detailed engineering for 2 x 6 MW Captive Power Plant. at Sirohi (C/o Lakshmi Cement), Rajasthan
8	Grasim Industries Ltd.	Basic engineering and procurement assistance for 2 x 6 MW plant D.G. sets installation and system integration with provision for grid paralling assistance in execution and commissioning, statutory approvals etc. in Shambhupura (C/o Aditya Cement), Rajasthan
9	Grasim Industries Ltd.	Complete Review of Basic & Detail Engineering for 3 x 6 MW Power Plant including construction and commissioning supervision assignment at Raipur, MP
10	Modi Cement Ltd.	Basic engineering and procurement assistance, detailed engineering., construction supervision, erection and commissioning for 2 x 6 MW plant at Modigram, Raipur, MP
11	Grasim Industries Ltd.	Preventive maintenance system for engine, alternator and peripheral installations for 2 x 4 MW + 2 x 6 MW plants at Khor (C/o Vikram Cement), MP

Sl. No.	Name of Company	Assignment
12	D.A. Marine Power India Pvt. Ltd.	Site selection and feasibility studies for setting up a 60 MW TG based Thermal Power Plant at Nagpur, Maharashtra
13	Modi Mirrlees Blackstone Ltd.	Basic & Detailed engineering for engine and alternator operations, selection of PLC and PLC based control and instrumentation. Grid paralleling system design / execution engineering including supervision of commissioning for 2 x 6 MW plant in New Delhi
14	PPC Ltd. (DRC-Barnet)	Desk Top Study for installation of DG based Power Plant at ongoing 3000 TPD Cement Plant (Barnet Project) in the Democratic Republic of Congo (DRC).
15	J.K. Lakshmi Cement Ltd.	Bankable Techno Economic Feasibility Report (TEFR) for setting up 20 MW capacity Coal based Thermal Power Plant for Durg Cement Project of M/s J. K. Corp Limited.
16	M/s DB Power Limited, Chattisgarh	Sourcing of Limestone for FGD and utilization / disposal / sale on of Gypsum for 2x600 MW Thermal Power of D.B, Power at Village Badadarha, Dist - Janjgir Champa, Chhattisgarh
17	M/s Tata Power Company Ltd	Identifying avenues for Gypsum utilization / disposal / sale on sustainable basis for (a) 2 x 525 MW units at Maithon Power Ltd. (MPL), Maithon near Dhandbad and (b) 4 x 120 MW units at Tata Power Ltd. (TPCL), Jojobera near Jamshedpur
18	JK Lakshmi Cement	Preparation of Bankable Detailed Project Report (DPR) for Setting up new 12 MW capacity Waste Heat Recovery System at Sirohi (Rajasthan).
19	M/s. JK Lakshmi Cement Limited	Pre-Feasibility Report for setting up an Integrated Cement Plant of 3.0 Mio. TPA Clinkerisation Capacity along with Waste Heat Recovery based Power Plant & Captive Thermal Power Plant near Mudhavey, Lakhpat, Gujarat with a Captive Jetty with an estimated material movement of 5.0 Million TPA and two split located GUs one in Maharashtra and another in Karnataka.



Sl. No.	Name of Company	Assignment
20	M/s. JK Lakshmi Cement Limited	Pre Feasibility Report (PFR ) for setting up Integrated Cement Plant Clinker 3.0 Million TPA with Waste Heat Recovery Power Plant & Captive Thermal Power Plant near village Tandawas , Dist-Nagaur. Rajasthan with two split located GUs, one in Haryana and another in Punjab.
21	UTCL / Birla Carbon India Private Limited (Formerly known as SKI Carbon Black (India) Private Limited)	Feasibility study with extended Basic Engineering and Cost estimation for a Flue Gas Desulfurization system in Gummidipoondi, Thiruvallur district, Tamilnadu
22	M/s Adani Cementation Ltd	Providing Consultancy Services for identification of sources for Limestone and finding avenues for Gypsum utilization / disposal / sale on sustainable basis for Owner's thermal power plants i.e Mundra, Tiroda, Kawai and Udupi TPP
23	Star Cement Ltd	Updation of the earlier Techno Economic Feasibility Report (TEFR) for setting up a 3.3 Million TPA Clinkerisation Unit with compatible Waste Heat Recovery (WHR) System and with 2.0 Million TPA Cement Grinding unit at Lumshnong, Meghalaya

## LIST OF ASSIGNMENTS FUNDED BY BANKS / FINANCIAL INSTITUTIONS

Sl. No.	Name of the Client	Assignments
1	SAARC Secretariat through IDBI.	TEFR for SAARC regional cement project for split location cement plants in India/Bangladesh/Nepal/Bhutan comprising of the following proposals: <ul style="list-style-type: none"> <li>* 1.0 million TPA clinkerisation unit and 0.3 million TPA part clinker grinding unit in India and 0.73 million TPA part grinding unit in Bangladesh</li> <li>* 1.0 million TPA clinkerisation unit and 0.7 million TPA part clinker grinding unit in India and 0.3 million TPA part grinding unit in Nepal/Bhutan.</li> <li>* 1.0 million TPA clinkerisation cum 0.3 million TPA grinding plant in India and 0.2 million TPA OPC and 1 million TPA PSC grinding unit in Bangladesh</li> <li>* 0.3 million TPA clinkerisation unit in Bhutan and 0.3 million TPA grinding unit in India</li> </ul>
2	IDBI, Mumbai	Lenders Independent Engineer (LIE) for J.K. Cement Ltd. Project.
3	Standard Chartered Pvt. Equity (Mauritius) Ltd.	Technical Due Dilligence Study for Assessment of Cement Plant Project Status in Gujarat and Central India.
4	Standard Chartered Bank, Singapore.	Technical Due Diligence Study assignment for Cement Project in Indonesia.
5	International Finance Corporation, Washington & Eastern And Southern African Trade And Development Bank	Direct Agreement as Consultant for Engineering Consultancy Services covering Review of Detail Engineering and Project & Construction Monitoring for setting up a 3000 TPD Green Field complete Cement Plant (PPC-Barnet Project) in the DRC.
6	J.K. Lakshmi Cement (Funded by IFC, Washington)	Basic & Detail Engineering Consultancy Services for 3000 TPD New Cement Clinkerisation Line at Sirohi in Rajasthan.
7	Hitauda Cement Nepal (Funded by Asian Development Bank)	Trouble-shooting & Optimization Services for productivity improvement.
8	AFRICAN EXPORT-IMPORT BANK, EGYPT	Engagement as Lender's Independent Technical & Financial Advisor (LITF) For The Chinquitty Cement Project, Mauritania
9	Sanghi / HDFC (offer to HDFC first and then LOI from Sanghi)	Appointment Letter for Lender's Independent Engineer (LIE) for Integrated Cement Plant and Split Grinding unit and associated infrastructure +

Sl. No.	Name of the Client	Assignments
		Review of existing operations of 4 Mio. TPA Cement Plant of Sanghi Cement at Sanghipuram
10	JK Cement Ltd., Kanpur	Lender's Independent Engineer (LIE) for following units of J. K. Cement Ltd. a) New Line MGR – 3 of 6500 / 7500 TPD Cement Plant (including Crusher) along with WHRS at Mangrol Chittorgarh, Rajasthan. b) Up-gradation of 2 nos. existing Cement Mills (CM – 4 & 5) by installing 1no. Roller Press (NBH Mill up-gradation) at Nimbhera, Chittorgarh, Rajasthan. c) Up-gradation of 1 nos. existing Cement Mill (CM – 2) by installing 1no. Roller Press at Mangrol, Chittorgarh, Rajasthan. d) 1.5 Mio. TPA capacity Split Grinding unit at Aligarh, U.P. e) 0.7 Mio. TPA capacity Split Grinding unit at Balasinor, Kheda district, Gujarat
11	JSW Cement (Indusind Bank)	Lender's Independent Engineer (LIE) for the upcoming 3000 TPD Clinkerisation Unit and 4.5 MW Waste Heat Recovery Plant of JSW Cement FZE in Fujairah, UAE.

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