



**2500 TPD Tan Tao Cement In HA NAM Province,
Socialist Republic Of Vietnam**



Client:	Tan Tao Cement Corporation
Plant Capacity:	2500TPD Green Field Cement Plant
Country:	Vietnam
Signature of first contract:	2009
Completion date:	2012
Type of project:	Consultancy and Review Engineering

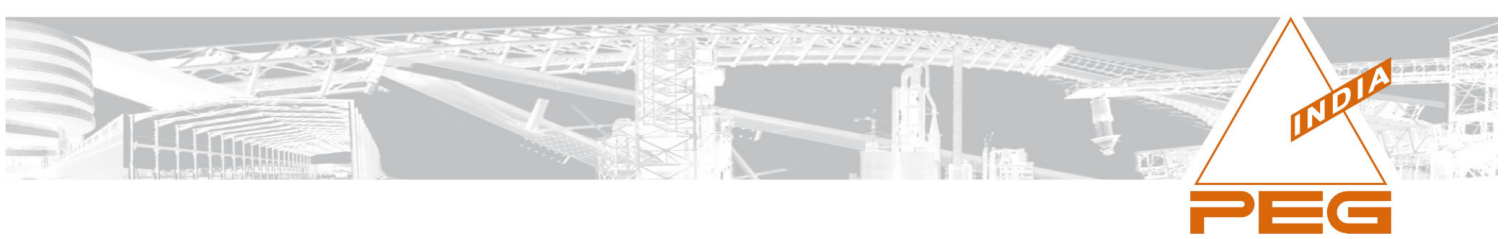
Current project status:

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5	Phase 6
Basic Plant Engineering & Layout	Tendering & Contract Negotiation	Project Engineering & Coordination	Equipment Manufacturing Control	Site Supervision	Start up and Commissioning
Complete	Complete	To be Started	To be Started	To be Started	To be Started

Description:

PEG was involved in finalisation of plant concept, system design including preparation of flow sheet & plant layout for 2500 tpd green field plant. Preparation of EPC tender, evaluation of bids & Contract negotiation, has been completed. Review & controlling of EPC contractor’s drawing / documents, Inspection of Equipment, Manufacturing control, Supervision of Construction and installation, Supervision of Start-up and commissioning is also included in scope.

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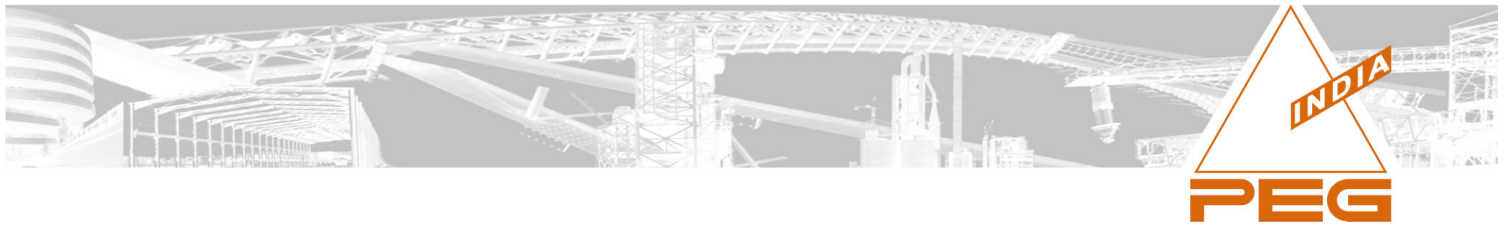
Feasibility Study, Detailed Engineering and Equipment Supply for Utilisation of Alternative Fuels/Liquid Solvent Firing System Lafarge India - Sonadih



Client:	Lafarge India Pvt. Ltd
Country:	Sonadih - India
Signature of first contract:	2008
Completion date:	2010
Type of project:	Feasibility Study, Supply of Equipment

Current project status:

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Feasibility Study	Engineering	Equipment Supply	Site Erection	Start up and Commissioning
Complete	Complete	Complete	Complete	In Progress

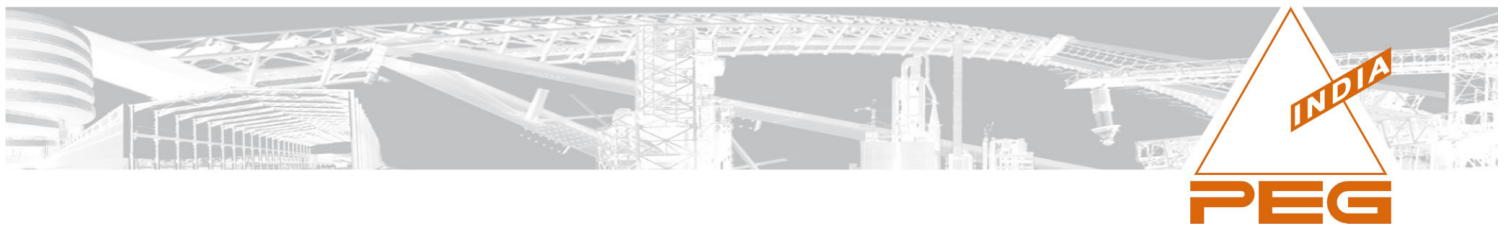


Description:

LIPL Sonadih cement plant capacity is 1.4mtpa of clinker production. PEG India was contracted to conduct four feasibility studies of the existing facilities in Sonadih in order to recommend viable solutions for the utilisation of several different alternative fuel systems (rice husk, solid waste, liquid waste and liquid solvent) as well as the handling system, storage and dosing system to supply the kiln.

After completion of the feasibility study, Lafarge also awarded the engineering manufacturing equipment supply for execution of the project, involving following:

- Finalisation of plant layout and GA drawings
- Project Procurement services
- Review and approval of suppliers engineering
- Manufacturing & Supply of equipment for storage, conveying and dosing of hazardous liquid.
- Project monitoring and Site supervision.



***Feasibility study & Engineering for Modification of
Clinker Feeding
System in Cement Mill – Ultratech GCW Plant 2***



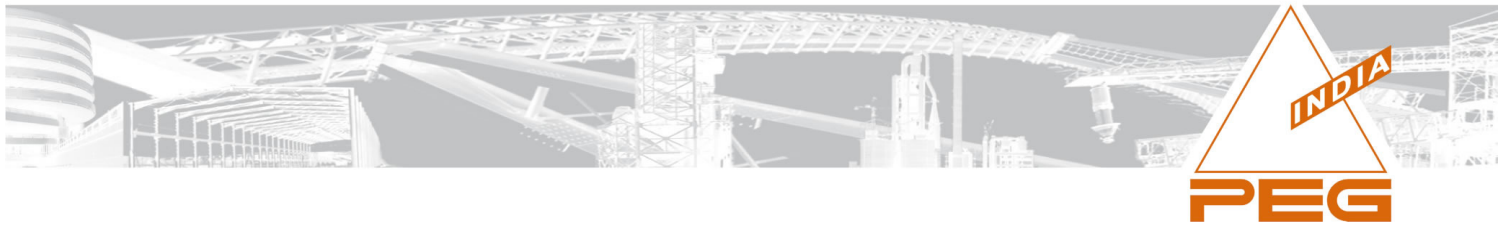
Client:	Ultratech : Gujrat Cement Works Plant 2
Country:	GCW P 2- India
Signature of first contract:	2009
Completion date:	2010
Type of project:	Feasibility Study & Detailed engineering

Current project status:

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Data collection and Feasibility Study	Detailed Engineering	Procurement assistant services	Site Erection	Start up and Commissioning
Complete	Complete	In Progress	To be started	To be started

Description:

Complete consultancy services for the study of existing clinker feeding system for all four Cement Mills. Ultratech GCW cement plant capacity is 5.3 mtpa of clinker production. PEG had carried out the feasibility study for modification/ improvement in the system, and now detailed engineering is under progress. In view of future capacity enhancement of clinker grinding; GCW has decided to install a new feeding system/ modification of existing mechanical transport system for higher capacity based on PEG feasibility report.



Feasibility study for up-gradation of Clinker Grinding plant and Clinker handling facility at Jetty for Ultratech GCW Magdalla works



Client:	Ultratech : Gujrat Cement Works
Country:	India
Signature of first contract:	2010
Completion date:	2010
Type of project:	Feasibility Study

Current project status:

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Site study and data collection	Techno Economic feasibility study report			
Complete	Complete	Project Not Started	Project Not Started	Project Not Started

Description:

Consultancy services for the study of existing clinker Grinding plant and Clinker handling facility at Magdalla works. PEG has already carried out the feasibility study. The Financial indicators are to be frozen.



***Feasibility study, Engineering and supply of equipment
for Modification of Utilisation of Alternative Fuels
Lafarge India - Arasmeta***

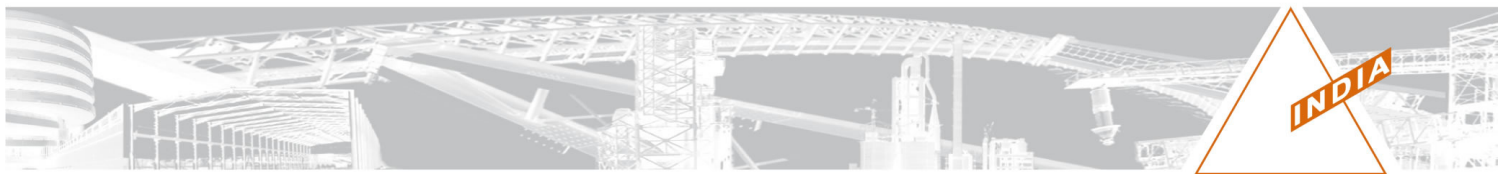


Client:	Lafarge India Pvt. Ltd
Country:	Arasmeta - India
Signature of first contract:	2008
Completion date:	2010
Type of project:	Feasibility Study, Detailed engineering and Supply of Equipment

Current project status:

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Feasibility Study	Engineering	Equipment Supply	Site Erection	Start up and Commissioning
Complete	Complete	Complete	Complete	In Progress

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Description:

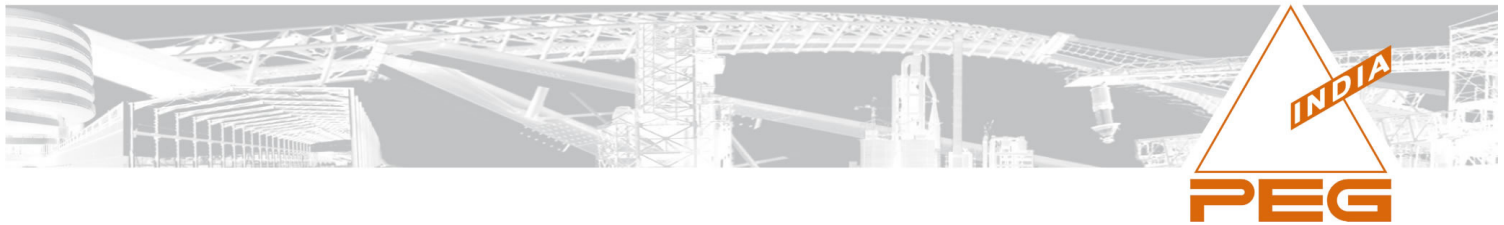
LIPL Arasmeta cement plant capacity is 1.6mtpa of clinker production. PEG was contracted to conduct three feasibility studies of the existing facilities in Arasmeta in order to recommend viable solutions for the utilisation of several different alternative fuel systems (rice husk, solid waste, and liquid solvent) as well as the handling system, storage and dosing system to supply the kiln line.

Given the current economic climate, PEG India paid particular attention to both the financial feasibility and implementation feasibility in order to recommend the alternative fuel with the highest return on investment. In this case, Solid Waste proved to be the most viable solution in terms of the two investment criteria.

Furthermore, contracts were also signed for PEG India to assist in the Engineering and Equipment Supply stages of the implementation of the project.

After completion of the feasibility study, Lafarge also awarded the engineering manufacturing equipment supply for execution of the project, involving following:

- Finalisation of plant layout and GA drawings
- Project Procurement services
- Review and approval of suppliers engineering
- Manufacturing & Supply of equipment for storage, conveying and dosing of solid waste
- Project monitoring and Site supervision



***Procurement Assistance
for Slag Cement Grinding Project
Eco Cements Limited***

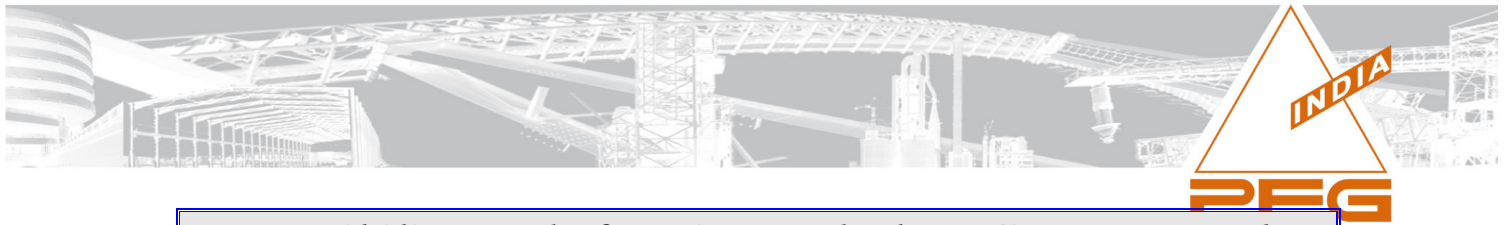
Client:	ECO CEMENT LIMITED
Plant Capacity:	0.5 Mio TPA Slag Cement Griding Project
Country:	India
Signature of first contract:	2009
Completion date:	2009
Type of project:	Procurement Assistance

Current project status:

Phase I	Phase 2	Phase 3	Phase 4
Engineering & Ordering of Main Machinery	Site Construction & Erection works		
Complete	In progress	To be Started	To be Started

Description:

Eco Cement Limited proposes to install a 0.5 Million TPA Capacity Slag Cement Grinding Project in Jajpur Distric Orissa. They have engaged PEG as Consultant for Procurement Assistance of main machinery including Ball Mills, Separators, Drive gear boxes for mills and separator, Cement Silo, Packing and Loading equipments, process bag filters, Process fans, Hot air generator, Flash/Fluidized bed dryer.



***Feasibility study for 5'200tpd Plant Cement Truck
Loading Modification
Arasmeta - India***

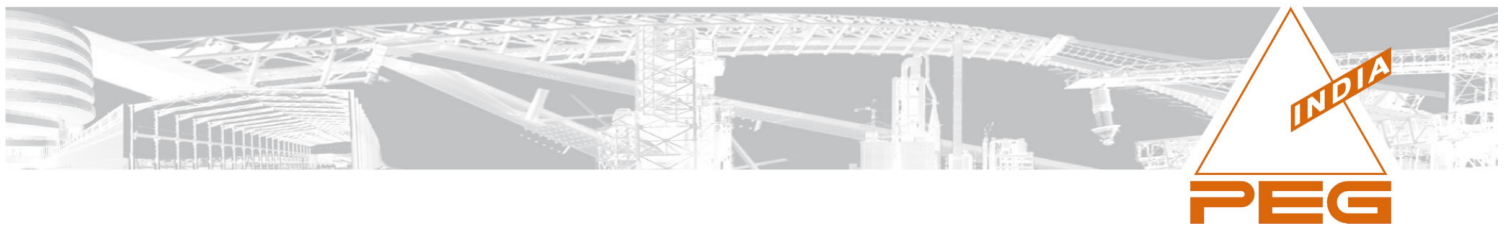


Client:	Lafarge India Pvt. Ltd
Country:	Arasmeta - India
Signature of first contract:	2008
Completion date:	2008
Type of project:	Feasibility Study

Current project status:

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Site study and data collection	Techno Economic feasibility study report			
Complete	Complete	Project Not Started	Project Not Started	Project Not Started

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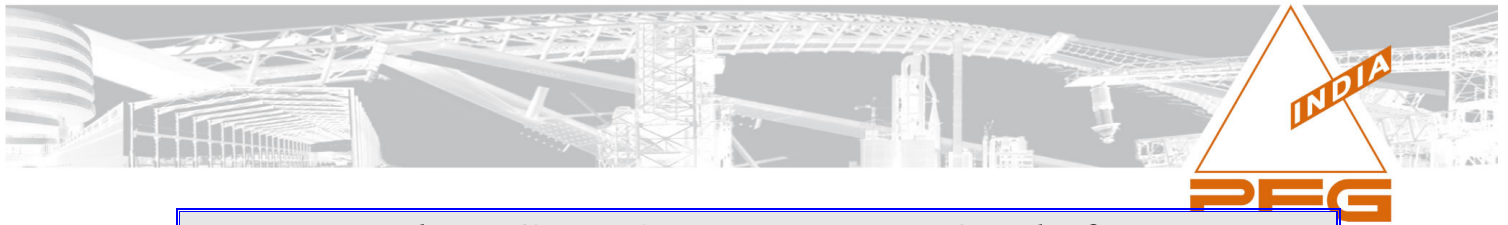
Description:

M/s Lafarge India Pvt. Limited (LIPL) is operating a cement plant of 1.6 mio tpa capacity at Arasmeta, District - Bilaspur in Chattisgarh.

PEG India carried out a study and suggested a viable solution for replacement of the current floor mounted cement truck loaders by a replacement installation of modern suspended design cement truck loading machines. The study also includes the investment estimates.

Upon completion of the feasibility study, the following detailed project execution activities are being undertaken by PEG India:

- Finalisation of plant layout and GA drawings
- Project Procurement services
- Review and approval of suppliers engineering
- Project monitoring and Site supervision



Plant Capacity Assessment Study for Athi River Mining Company.

Client:	Athi River Mining Co.
Country:	Kenya
Signature of first contract:	2009
Completion date:	2010
Type of project:	Plant Capacity Assessment Study

Current project status:

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Site Mission	Study Report			
Complete	Complete	Project Not Started	Project Not Started	Project Not Started

Description:

Plant already ordered to WIL. Site mission and Plant capacity assessment study and preparation of detailed report on the authenticity of order placed.



TEFR for setting up new coal Handling, Crushing and loading plant at Jarpada, Orissa for OCL India Limited

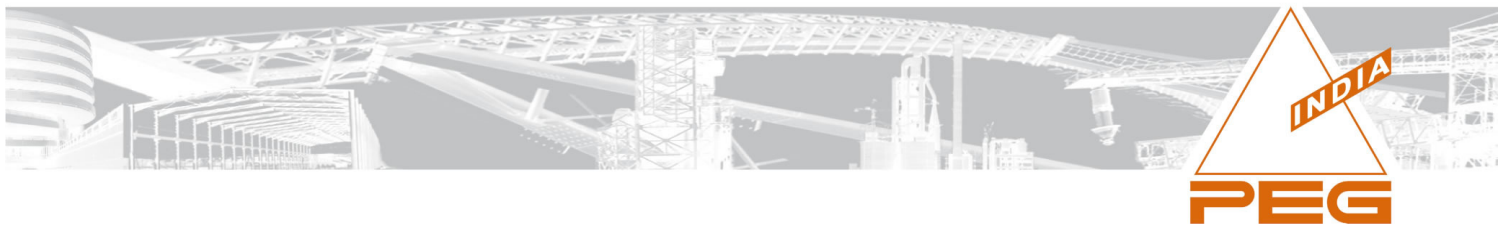
Client:	OCL INDIA LIMITED
Plant Capacity:	5000 TPD Coal Crushing facility
Country:	India
Signature of first contract:	2009
Completion date:	2010
Type of project:	Feasibility Study

Current project status:

Phase I	Phase 2	Phase 4	Phase 5
Site study and data collection	Techno Economic feasibility study report		
Complete	Complete	Project not started	Project not started

Description:

OCL India Limited proposes to carrying out a Techno Feasibility study for setting up a new Coal handling, Crushing and loading plant at Jarpada, Dist. Angul, Orissa PEG India carried out a study and suggested a viable The study also includes the investment estimates.



Consultancy & engineering for improvement of nuisance de-dusting & fugitive emission control in existing system for OCL India Limited, Orissa

Client:	OCL INDIA LIMITED
Plant Capacity:	3200 TPD
Country:	India
Signature of first contract:	2009
Completion date:	2010
Type of project:	Consultancy and Engineering

Current project status:

Phase I	Phase 2	Phase 3	Phase 4
Review of Existing operations	Submission of recommendation report	Project engineering services	Installation, Start up and Commissioning
Complete	Complete	In progress	Project not started

Description:

OCL India Limited proposes to carrying out a detailed study of existing CVRM 1, CVRM 2, HAG's and Clinker transport system from Kiln to CVRMs / Storage hall, study of existing circuit of 4 Nos. Ball mills for productivity improvement and additional dust transport conveyor in Cooler ESP. the study for complete job have been finished and PEG India suggested a viable solution.

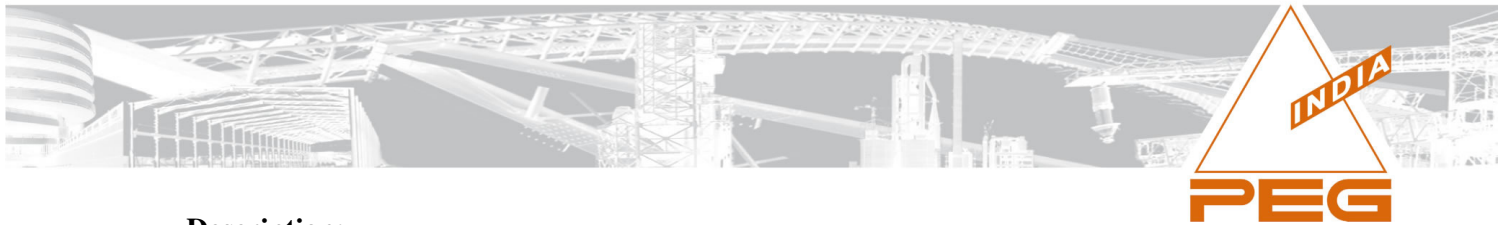
***Engineering, Manufacturing and Supply of the Equipments for the New Clinker wagon loading facility
Lafarge India - Sonadih***



Client:	Lafarge India Pvt. Ltd
Country:	Sonadih - India
Signature of first contract:	2010
Completion date:	2011
Type of project:	System Design, Manufacturing & Supply of Equipment for Clinker Wagon Loading station

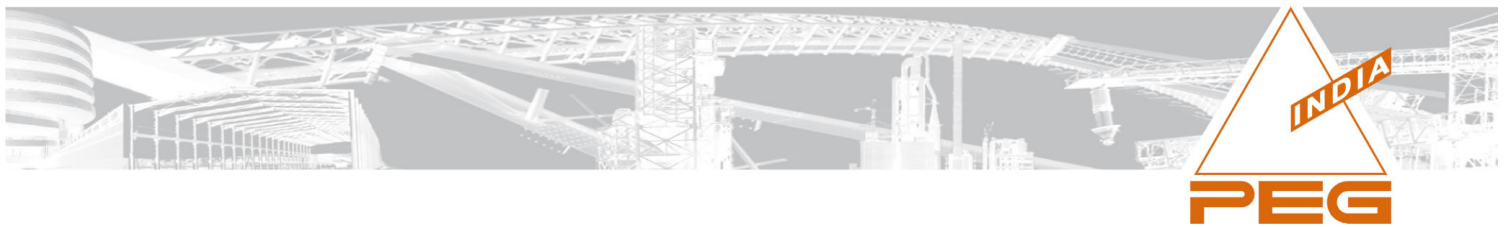
Current project status:

Phase 1	Phase 2	Phase 3	Phase 4	Phase 5
Feasibility Study	Engineering	Equipment Supply	Site Erection	Start up and Commissioning
Complete	In Progress	To be Started	To be started	To be started



Description:

Lafarge India is opening 2 KILN lines with about 3 MTPA clinker productions. They had awarded initially a feasibility study for loading of clinker in a complete rake of 60 wagons in about 2 hours time. Subsequently to the feasibility study, they have awarded the contract for engineering and supply of equipment for clinker loading facility. This comprises of constructing of 3 Nos. RCC hoppers each with 3000 MT capacity. The entire rake of wagons will be placed underneath three hoppers. 9 no's telescopic chutes each with 600 tpd cap shall be installed under these hoppers which will be provided with control gates. 3 wagons can be loaded simultaneously and an integral weight bridge shall ensure accuracy of filling in each wagon. The required automatic system is also included in scope.



***Engineering & Procurement Assistance
for Cement Grinding Project
Aramit Cement Bangladesh***

Client:	Aramit Cement
Plant Capacity:	50 TPH Cement Grinding Mill
Country:	Bangladesh
Signature of first contract:	2010
Completion date:	2011
Type of project:	Detail Design Engineering & Procurement Assistance

Current project status:

Phase I	Phase 2	Phase 3	Phase 4
Basic Engineering	Detail Engineering	Procurement Assistance	Erection & Commissioning
Complete	In progress	In Progress	To be Started

Description:

Aramit Cement Bangladesh had ordered cement grinding mill project on a Chinese company in 2001 – 2002. The project went under dispute after 70 – 75% supplies were completed. Now they have revived this project. PEG India is re-doing the entire system design engineering for completeness including process engineering and giving necessary engineering support to execute the project.