

PROJECT ENGINEERING AND MANAGEMENT SPB-PC's Selected References

S No	Assignment	Client	Country	Completion
01*	Concept to commissioning of first expansion/diversification programme, for increasing the capacity from 20,000 tpa to 35,000 tpa and diversifying the product range to include duplex board, light weight posters etc	Seshasayee Paper and Boards Ltd	India	1969
02*	Concept to commissioning of second expansion programme for increasing the capacity from 35,000 tpa to 55,000 tpa	Seshasayee Paper and Boards Ltd	India	1977
03*	Concept to rehabilitation of a 10 tpd straw-based board mill	Tamil Nadu Cardboards Ltd	India	1979
04*	Concept to commissioning of a 1,500 tcd capacity sugar mill	Ponni Sugars and Chemicals Ltd	India	1983
05*	Concept to commissioning of World Bank aided 90,000 tpa bagasse-based composite mill. This project has the distinction of producing newsprint, for the first time, out of 100% bagasse	Tamil Nadu Newsprint and Papers Ltd	India	1984
06	Project Management services for establishment of a ceramic tiles project	Neiveli Ceramics and Refractories Ltd	India	1986
07	Project Management and Engineering services and marketing assistance for a 6,000 tpa sanitary-ware unit	GMB Ceramics Ltd	India	1989
08	Identification and selection of second-hand boiler and turbo-generator and total total responsibility for dismantling, transportation, erection and commissioning, including engineering services for utilities	Seshasayee Paper and Boards Ltd	India	1990
09	Project Management services for implementation of Co-generation and Expansion Scheme	Ponni Sugars and Chemicals Ltd	India	1992
10	Procurement Assistance in Mill Modernisation of chemical recovery, pulp mill and paper machines for a 85,000 tpa integrated pulp and paper mill	The Andhra Pradesh Paper Mills Ltd	India	1993
11	Design, Engineering, Supply, Erection and Commissioning of tunnel kiln and its auxiliaries for ceramic spark plug	Motor Industries Co Ltd	India	1993
12	Project Consultancy Services for the establishment of a sugar mill in Orissa with a capacity of 2500 tcd expandable to 3500 tcd	Ponni Sugars and Chemicals Ltd	India	1994

* Assignments dating backwards from 1985 were undertaken by SPB-PC when it was functioning as Projects and Consultancy Division of Seshasayee Paper and Boards Limited

S No	Assignment	Client	Country	Completion
13	Design, engineering, procurement and project management services for installation of a multiple stage evaporation system and auxiliaries, as an integral part of an effluent treatment system for the spent wash generated from the distillery of Aruna Sugars	Esvin Advanced Technologies Ltd	India	1994
14	Design, Engineering, Technical Services and Project Management Services for the establishment of a 100 tpd straw/bagasse-based paper mill	Oswal Fats & Oils Ltd	India	Aborted
15	Technical and Engineering Services including Project Management for Mill Expansion Project	The Andhra Pradesh Paper Mills Ltd	India	1994
16	Design, engineering, procurement and project management services for installation of a thermo-mechanical conversion reactor and auxiliaries, as an integral part of an effluent treatment system for the spent wash generated from the distillery of Aruna Sugars	Esvin Advanced Technologies Ltd	India	1994
17	Design, Engineering, Procurement Services and Project Management Services for the establishment of a Demonstration Plant of an innovative Thermo-chemical Conversion Reactor (TCCR) System	Esvin Advanced Technologies Ltd	India	1995
18	Basic Engineering support for Vision Finance and Leasing Ltd, Bombay, for their 125,000 tpa paper project in Maharashtra	Tamil Nadu Newsprint and Papers Ltd	India	1995
19	Design, engineering, supply, erection and commissioning of pre-fabricated tunnel kiln and its auxiliaries for manufacture of vitreous ceramic sanitaryware	Madhusudan Industries Ltd, Gujarat	India	1995
20	Design, Engineering, Technical Services and Project Management Services for Expansion of the integrated pulp and paper mill from 90,000 tpa to 180,000 tpa	Tamil Nadu Newsprint and Papers Ltd	India	1996
21	Design, engineering and consultancy services for renovation and modernisation of a 50,000 tpa integrated pulp and paper mill	Star Paper Mills Ltd	India	1996
22	Procurement assistance for lime kiln and accessories under Pollution Abatement Scheme for a 85,000 tpa integrated pulp and paper mill	The Andhra Pradesh Paper Mills Ltd	India	1996
23	Project Consultancy Services including Basic and Detail Engineering for the establishment of a 200,000 tpa paper mill to produce speciality papers, coated papers and coated boards	Sinar Mas Pulp & Paper (India) Ltd	India	1996

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24	Project consultancy services for pre-project and preliminary engineering activities for the establishment of a 125,000 tpa bagasse-based integrated pulp and paper mill to manufacture fine papers and tissues	Gayatri Tissue & Papers Ltd (formerly Jutex India Ltd)	India	1996
25	Technical and engineering services including project management for mill expansion-cum-modernisation programme	Emami Paper Mills Ltd	India	1996
26	Design, engineering and technical services for establishment of a paper board project with a capacity to manufacture 65,000 tpa of multi-layer boards using waste paper	Servall Engineering Industries Ltd	India	1997
27	Design and detail engineering of the piping, electrical, instrumentation, civil and structurals for renovation/upgradation of brown-stock washing and screening plant	Panafrican Paper Mills (EA) Ltd	Kenya	1997
28	Engineering/consultancy services, procurement assistance, project management services and assistance in construction management for installation of a new recovery boiler	Hindustan Newsprint Ltd Kottayam	India	1998
29	Technical and engineering services including project management for mill expansion-cum-modernisation programme (120,000 tpa capacity), involving design engineering for India's first ECF pulp mill	JK Corp Ltd	India	1998
30	Design, engineering, supply, erection and commissioning of pre-fabricated tunnel kiln and its auxiliaries for manufacture of vitreous ceramic sanitaryware	EID Parry (India) Ltd Alwar, Rajasthan	India	1998
31	Engineering/consultancy services, procurement assistance, project management services and assistance in construction management for installation of a paper machine, complete chemical recovery system, co-generation plant etc	Circar Paper Mills Ltd	India	Aborted
32	Engineering/consultancy services, procurement assistance, project management services and assistance in construction management for rebuild of a second-hand paper machine and balancing facilities	Mukerian Paper Mills Ltd	India	Aborted
33	Engineering/consultancy services for introduction of a new high consistency hydrogen peroxide bleaching system in chemi-mechanical pulping line	Hindustan Newsprint Ltd	India	Aborted
34	Engineering/consultancy services for installation of a board mill to manufacture 95,000 tpa of multi layer boards using waste paper as primary raw material and stock preparation capable of supplying to the board machines of PPB and UPI	PacAsia Paper Board Industries Pte Ltd	Singapore	Aborted

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35	Pre-engineering, design/detail engineering services and procurement assistance for establishment of a 40,000 tpa folding box manufacturing plant	Rank SCA Packaging India Pvt Ltd, Hyderabad	India	Aborted
36	Consultancy services for implementation of 2500 tcd sugar project for Gummidipoondi Co-op Sugar Mills	Tamil Nadu Sugar Corporation	India	Aborted
37	Engineering/consultancy services, procurement assistance, project management services and assistance in construction management for installation of a new recovery island and power plant	Varinder Agro Chemicals Ltd	India	1999
38	Detail design, manufacture and supply of MSRL tankers and semi-trailers for hydrochloric acid transportation	Arabian Chlorine Co Ltd	KSA	1999
39	Detail engineering services for a tissue paper machine	ABC Paper and Paper Mill Pty Ltd	Australia	Aborted
40	Detail engineering services for installation of a wet lap machine	Tamil Nadu Newsprint and Papers Ltd	India	1999
41	Project consultancy and engineering services for expansion project, including detail engineering for a high speed refurbished paper machine (PM5), to increase the capacity from 60,000 tpa to 115,000 tpa	Seshasayee Paper and Boards Ltd	India	2000
42	Engineering/consultancy services, procurement assistance, project management services and assistance in construction management for installation of a 35 tph FBC Boiler and 5 MW Turbo Alternator for captive co-generation power plant	Emami Paper Mills Ltd	India	2001
43	Detail engineering services for rebuild of Paper Machine #1 incorporating "on-machine" coating facilities	ITC Bhadrachalam Paperboards Ltd	India	2001
44	Basic and detail engineering services for installation of a 90 tph FBC boiler and turbo generator for co-generation of power	Tamil Nadu Newsprint and Papers Ltd	India	2001
45	Engineering services for installation of Electrostatic Precipitator for Coal Fired Boiler #3	ITC Bhadrachalam Paperboards Ltd	India	2001
46	Design and engineering services and project management services for Pulp Mill and Chemical Recovery areas under expansion-and-modernisation programme which incorporates ECF bleaching	ITC Bhadrachalam Paperboards Ltd	India	2002
47	Engineering/consultancy services, procurement assistance, project management services and assistance in construction management for installation of 2 x 18 MW TG Set along with 2 x 80 tph Boiler for captive power generation	Shree Cements Ltd	India	2003

S No	Assignment	Client	Country	Completion
48	Design, engineering and project management services for installation of a pulp sheeting machine	ITC Limited, Bhadrachalam Paperboards Division	India	2003
49	Detail engineering services covering mechanical, layouts, piping, supports, electricals and instrumentation for a 17,000 tpa cotton linter pulping line project at Turkmenistan	Elof Hansson AB	Sweden	2003
50	Engineering services for setting up of Pilot Plant for production of Cellulose, Silica etc from Rice Straw	Punjab Agro Industries Corporation	India	Aborted
51	Detail engineering services for piping and supports for paper machine and its auxiliaries for a pulp and paper project at Turkmenistan	GAP-INSAAAT	Turkey	2004
52	Procurement advisory and engineering services for DCS and QCS along with engineering co-ordination with DCS/QCS supplier for a pulp and paper project at Turkmenistan	GAP-INSAAAT	Turkey	2004
53	Design, engineering and project management services for installation of a 75,000 tpa multi-layer board machine	ITC Limited, Bhadrachalam Paperboards Division	India	2004
54	Basic and detail engineering services for chemical preparation system for pulp mill and paper machine of a pulp and paper project at Turkmenistan	GAP-INSAAAT	Turkey	2004
55	Design, engineering and project management services for rebuild of a 212 tpd paper machine by VOITH with design speed of 600 mpm for producing copier & surface sized paper grades	APR-Ashti (BILT) India	India	2004
56	Design, engineering and project management services for installation of a 250 tpd paper machine (PM #3) by BELOIT, Italia with design speed of 600 mpm for producing surface sized wood free P&W paper, pigmented/coated wood free P&W paper, copier, laser print and ink-jet paper	Andhra Pradesh Paper Mills Ltd Unit : CPM	India	2004
57	Design, engineering and project management services for installation of a 20 MW Captive Power Plant	Seshasayee Paper and Boards Limited	India	2005
58	Project consultancy and engineering services for rebuild of Paper Machine (PM #2) by Over Meccanica with design speed of 600 mpm for producing fluting medium, test liner and white top test liner at Union Paper Mills, Dubai	MAHY Khoory & Co	Dubai	2005
59	Detail engineering services for installation of a size press and connected auxiliaries and accessories for PM #5 of the mill	ITC Ltd, Paperboards and Specialty Papers Division	India	2005

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60	Project consultancy services for augmentation of stock preparation system and the multi-layer board machine by installing deinking facility at Dakshin Unit	ITC Ltd, Paperboards and Specialty Papers Division	India	2005
61	Project consultancy and engineering services for installation of a 150 tpd new paper machine (PM #1) by MECHANO with design speed of 450 mpm for producing non surface sized W&P papers	Abhishek Industries Ltd (Paper Unit)	India	2005
62	Detail engineering and technical consultancy services for rebuild of a second-hand duplex board machine (PM #4) with design speed of 300 mpm for producing HWC grey back board and white back board at Central Pulp Mills, Gujarat	JK Paper Ltd	India	2006
63	Complete design and detail engineering and project management services for implementation of expansion scheme involving, inter alia, the largest single line ECF pulp mill in the country	The Andhra Pradesh Paper Mills Ltd	India	2006
64	Engineering/consultancy services for installation of additional 1 x 6 MW captive thermal power plant at Bewar	Shree Cement Ltd	India	2006
65	Engineering/consultancy services for installation of 1 x 18 MW TG set along with 1 x 85 tph boiler for captive power plant	Shree Cement Ltd	India	2007
66	Project engineering services for electrical installations of a yarn manufacturing unit at Barnala, Punjab	Abhishek Industries Ltd	India	2007
67	Project engineering and technical services for implementation of mill development plan involving installation of a 250 tpd used paper machine (PM #3) with design speed of 1200 mpm, 300 tpd deinking plant, fibre preparation and utilities	Emami Paper Mills Ltd	India	2007
68	Project engineering and technology upgradation programme for modernisation of chipper house and recausticising plant	ITC Ltd – Paperboards and Specialty Papers Division	India	2007
69	Engineering/consultancy services for installation of 2 x 18 MW captive thermal power plant at RAS	Shree Cement Ltd	India	2007
70	Detail engineering and technical consultancy services for implementation of Mill Development Plan (Phase 2) covering all areas commencing from raw materials preparation upto and including storage of finished products as well as necessary utilities and auxiliaries, including supervision of construction, erection, inspection, procurement follow-up, start-up and commissioning	The Sirpur Paper Mills	India	2007

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71	Project engineering for installation of a bio-diesel plant	Emami Bio-tech Ltd	India	2008
72	Design, engineering and project management services for implementation of Mill Development Plan covering all areas commencing from raw materials preparation upto and including installation of a new paper machine of 250 tpd capacity and necessary utilities/auxiliaries	Abhishek Industries Ltd (Paper Unit)	India	2008
73	Project consultancy services for implementation of Mill Development Plan (MDP) involving upgradation of existing chemical bagasse pulp lines to ECF bleaching and adding one chemical hardwood pulp line of 300 tpd capacity	Tamil Nadu Newsprint and Papers Ltd	India	2008
74	Project engineering services for installation of a multi-layer board machine at Atrak Pulp and Paper Industries, Iran	Norecom Ltd	Cyprus	2008
75	Project consultancy and engineering services for implementation of mill development plan involving 350 tpd pulp mill with ECF bleaching, chemical recovery system and 16 MW captive power plant	Seshasayee Paper and Boards Ltd	India	2008
76	Project engineering and consultancy services for installation of a new cooking and ECF pulp mill with chemical recovery island and 21 MW captive power plant (Pinnacle)	ITC Ltd – Paperboards and Specialty Papers Division	India	2008
77	Project consultancy and engineering services for rebuild of PM #4 at Bhadrachalam Unit	ITC Ltd – Paperboards and Specialty Papers Division	India	2008
78	Project consultancy and engineering services for installation of a 350 tpd paper machine (PM #6) for producing coated and uncoated papers at Bhadrachalam Unit	ITC Ltd – Paperboards and Specialty Papers Division	India	2008
79	Project consultancy and engineering services for retrofit of drives for the paperboard machine at Kovai Unit	ITC Ltd – Paperboards and Specialty Papers Division	India	2008
80	Engineering/consultancy services for installation of 1 x 12.5 MW captive thermal power plant at Pali, Rajasthan	Maharaja Shree Umaid Mills Ltd	India	Aborted
81	Project consultancy and engineering services for life cycle extension of paper machine #1	Tamil Nadu Newsprint and Papers Ltd	India	2008
82	Project consultancy and engineering services for installation of a 650 tpd new paper machine (PM #2) for producing P&W and pigment grades and online coater	Ballarpur Industries Ltd Unit : Bhigwan	India	2008
83	Project consultancy and engineering services for installation of a 130 tpd new paper machine (PM #3) by Over Meccanica with operating speed of 550 mpm for producing standard newsprint and wood-free P&W papers	The Andhra Pradesh Paper Mills Ltd	India	2008

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84	Project consultancy and engineering services for retrofit of existing Pulp Mill	Orient Paper Mills Unit : Amlai	India	2009
85	Project consultancy and engineering services for installation of a new fibrelines, recovery island and 520 tpd paper machine (PM #7)	Ballarpur Industries Ltd Unit :Ballarshah	India	2009
86	Project consultancy and engineering services for installation of a 300 tpd used paper machine (PM #2) with a 330 tpd deinking plant, auxiliaries and utilities to increase the production capacity by 80,000 tpa	The Servalakshmi Paper Pvt Ltd Unit : Trinelveli	India	2010
87	Project consultancy and engineering services for installation of a 250 tpd used paper machine (PM #6)	The Andhra Pradesh Paper Mills Ltd	India	2010
88	Project consultancy and engineering services for installation of Fibrelines and Captive Co-generation Power Plant and Utilities of the mill	The West Coast Paper Mills Ltd	India	2010
89	Project consultancy and engineering services for installation of a bio-fuel fired boiler	MAHY Khoory & Co	Dubai	2010
90	Project consultancy for short term limited upgradation of existing waste paper pulping plant	Nepa Limited	India	2010
91	Project consultancy and engineering services for installation of a 650 tpd new paper machine (PM #3) for producing P&W, copier and pigment grades, under MEP	Tamil Nadu Newsprint and Papers Ltd	India	2011
92	Project consultancy and engineering services for Mill Expansion Plan (MEP) to upgrade two (2) paper machines and expand the pulping and other facilities	Sabah Forest Industries	Malaysia	2012
93	Project consultancy and engineering services for pulp mill enhancement project (PEP) at Bhadrachalam Unit	ITC Ltd – Paperboards and Specialty Papers Division	India	2012
94	Project consultancy services for pre-project and preliminary engineering activities for the establishment of a 1000 tpd recycled fibre based newsprint and wood-based integrated pulp and paper mill	Emami Paper Mills Ltd	India	2012
95	Project consultancy and engineering services for installation of a 19 MW co-generation plant at Erode	Ponni Sugars (Erode) Ltd	India	2012
96	Project consultancy and engineering services for installation of vegetable oil refinery plant at Andhra Pradesh	Emami Bio-tech Ltd	India	2012
97	Project consultancy and engineering services for upgradation of Fibrelines #1 (FL #1)	ITC Ltd – Paperboards and Specialty Papers Division	India	2012

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98	Project management consultancy services for installation of a 200 tpd Deinking Plant	Mysore Paper Mills Ltd	India	2012
99	Project consultancy and engineering services for revamping of power and steam (RSPS)	Tamil Nadu Newsprint and Papers Ltd	India	2013
100	Project consultancy and engineering services for installation of a 300 tpd deinking plant for producing P&W, copier and pigment grades under MEP	Tamil Nadu Newsprint and Papers Ltd	India	2013
101	Project consultancy and engineering services for installation of a 360 tpd multi layer board machine (Dhruva Project - BM #7) at Bhadrachalam Unit	ITC Ltd – Paperboards and Specialty Papers Division	India	2013
102	Project consultancy and engineering services for installation of a 900 tpd fibreline and recovery island procured from Finland	Ballarpur Industries Ltd Unit : Ballarshah	India	2013
103	Project consultancy and engineering services for expansion of the mill with installation of a multi-layer coated board machine (PM #4) of capacity 100,000 tpa	Emami Paper Mills Limited	India	2015
104	Project consultancy services for installation of ETP Sludge Dewatering System at Unit : Rajahmundry (APPM)	International Paper (I) Pvt Ltd	India	2015
105	Project management consultancy services for refurbishing of existing Paper Machine to manufacture other writing & printing paper grades, besides newsprint	Hindustan Newsprint Ltd Kottayam	India	Project On Hold
106	Detail engineering services for refurbishment of PM #1 by installing a Soft Nip Calender (SNC) with connected accessories and auxiliaries at Unit : Tribeni	ITC Ltd – Unit : Tribeni	India	2015
107	Detail engineering services for refurbishment of PM #3 by installing silent drive along with augmentation of steam and condensate system at Unit : Tribeni	ITC Ltd – Unit : Tribeni	India	2015
108	Detail engineering services for upgradation of Paper Machine and Waste Paper Processing Plant at Unit : Kovai	ITC Ltd – Unit : Kovai	India	2015
109	Project consultancy and engineering services for establishment of a multi-layer coated board plant of capacity 500 tpd and captive co-generation plant of capacity 24 MW near Trichy, Tamil Nadu (Unit II)	Tamil Nadu Newsprint and Papers Ltd	India	2016
110	Detail engineering services for installation of a single-stage Oxygen Delignification Plant for wheat straw pulp mill of 230 BD tpd capacity at Kuantum Papers Ltd, Punjab	GL&V India Pvt Ltd	India	2016
111	Project engineering and consultancy services for Mill Capital Projects at Unit: Rajahmundry & Unit : Kadium	IP Paper (India) Pvt Ltd (APPM)	India	2016

S No	Assignment	Client	Country	Completion
112	Project consultancy and engineering services for installation of Bleached Chemi-Thermo Mechanical Pulp (BCTMP) Plant with its auxiliaries and a new 33.5 MW Captive Power Plant at Unit : Bhadrachalam	ITC Ltd – Paperboards and Specialty Papers Division	India	2017
113	Project consultancy and engineering services for the expansion project involving installation of a 207,000 tpa capacity used Paper Machine (PM#3) with design speed of 900 mpm for producing test liner and corrugating medium at Union Paper Mills Ltd	MAHY Khoory & Co	Dubai	2017
114	Project engineering and consultancy services for the proposed process modification by installation of new facilities	Grasim Industries Ltd Unit : Harihar Polyfibres	India	2018
115	Project consultancy and engineering services for installation of a 3 MW Turbo Generator at Union Paper Mills Ltd	MAHY Khoory & Co	Dubai	2018
116	Project consultancy and engineering services for installation of a new board machine (PM1A) along with its accessories and auxiliaries to manufacture virgin fibre based coated boards at Unit : Bhadrachalam	ITC Ltd – Paperboards and Specialty Papers Division	India	2018
117	Project engineering and consultancy services for Mill Development Plan II (MDP-II) to increase the capacities of various sections of the mill at Unit : Erode	Seshasayee Paper and Boards Ltd	India	2018
118	Project engineering and consultancy services for Mill Expansion Plan (MEP) by augmentation of existing equipment and installation of new facilities at Unit : Tirunelveli	Seshasayee Paper and Boards Ltd	India	2018
119	Project consultancy and detail engineering Services for the reinstallation of a Pulp Mill dismantled from Sodra, Norway and re-erection at Quang Ngai, Vietnam	VNT19 Pulp - Paper Joint Stock Company	Vietnam	Completed - Production on Hold
120	Project consultancy and engineering services installation of captive co-generation power plant with 7.5 MW turbo generator and 2 x 40 tph multi-fuel boilers	Emami Agrotech Ltd	India	2019
121	Project consultancy and engineering services for Upgradation of Paper Machine #7	ITC Limited Unit: Bhadrachalm	India	2021
122	Project consultancy and engineering services for Paper Machine #4 Modification Project	ITC Limited Unit: Tribeni	India	2021
123	Project consultancy and engineering services under Mill Expansion Plan (MEP) for upgradation of pulp mill and new chemical recovery island at JK-CPM Unit, Songadh	J K Paper Limited - CPM Unit	India	2021

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124	Project consultancy and engineering services for installation of new Size Press and Size Kitchen for PM #3	Emami Paper Mills Ltd Unit: Balasore	India	2022
125	Project consultancy and engineering services under Mill Expansion Plan (MEP) for installation of pulp mill, chemical recovery island, paper machine and augmentation of co-generation plant at Unit II	Tamil Nadu Newsprint and Papers Ltd Unit II : Mondipatti	India	Ongoing
126	Project consultancy and engineering services under Mill Upgradation/Expansion Plan (MUEP) for upgradation of pulp mill and new chemical recovery island	Orient Paper Mills	India	Ongoing
127	Project consultancy and engineering services for Installation of a new 65 MW Captive Power Plant at Unit: Bhadrachalam	ITC Limited Unit: Bhadrachalm	India	Ongoing
128	Project consultancy and engineering services under Mill Development Project (MDP-III) for upgradation of Pulp Mill Recovery Island and Paper Machines	Seshasayee Paper & Boards Limited Erode	India	Ongoing
129	Project consultancy and engineering services for installation of High Pressure Recovery Boiler (HPRB) and Pulp Enhancement (PEP#4)	ITC Limited Unit: Bhadrachalm	India	Ongoing
130	Project consultancy and engineering services for Augmentation of BCTMP Plant	ITC Limited Unit: Bhadrachalm	India	Ongoing
131	Project consultancy and engineering services for installation of Agitated Thin Film Drying Plant (ATFD)	ITC Limited Unit: Bhadrachalm	India	Ongoing