

RSPL LIMITED

BRIEF SUMMARY OF THE PROJECT

Title	:	Proposed Expansion of Optical Brightener Agent (OBA) Plant at an existing premises by acquiring additional land at Plot Nos. 42 to 59, Sidhgawan Village of Sagar District, Madhya Pradesh by M/s. RSPL Limited																																																																																																	
Land Acquired	:	Total Plot Area: 62,000 m ²																																																																																																	
Cost of the Project	:	~ 78.5 Crores INR																																																																																																	
Production Capacity	:	<table><tr><th rowspan="2">Sr. No.</th><th rowspan="2">Name of Product</th><th colspan="3">Quantity in MTPA</th></tr><tr><th>Existing</th><th>Proposed Expansion</th><th>Total</th></tr><tr><td>1</td><td>Detergent cake</td><td>19200</td><td>0</td><td>19200</td></tr><tr><td>2</td><td>Detergent powder</td><td>39600</td><td>0</td><td>39600</td></tr><tr><td>3</td><td>LABSA</td><td>24000</td><td>0</td><td>Discontinued the product</td></tr><tr><td>4</td><td>Acid Slurry</td><td>27000</td><td>0</td><td>27000</td></tr><tr><td>5</td><td>Optical Brightener Agent</td><td>3000</td><td>5400</td><td>8400</td></tr></table>								Sr. No.	Name of Product	Quantity in MTPA			Existing	Proposed Expansion	Total	1	Detergent cake	19200	0	19200	2	Detergent powder	39600	0	39600	3	LABSA	24000	0	Discontinued the product	4	Acid Slurry	27000	0	27000	5	Optical Brightener Agent	3000	5400	8400																																																									
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Water Requirement	:	Total fresh water requirement for the proposed project will be estimated about 307 KLD which will be sourced from Bore well by Tanker / MPAKVN government Assurance.																																							
Waste Water Treatment	:	Total 340 KLD industrial effluent and 16 KLD domestic sewage will be generated from the entire project. Stream segregation were carried out at site and will be treated as below. High TDS high COD Stream: The high TDS high COD stream coming from the OBA plant and scrubbing wastewater will be directly treated in MEE and condensate from the MEE is reused in plant. Low TDS Low COD Stream: The low TDS low COD streams consists utilities blow downs, wastewater from washings and domestic sewage will be treated in ETP and treated water from the ETP is used for gardening and surplus will be treated by Recycling RO. RO permeate will be reused in plant while RO reject will be sent to MEE for further treatment. There is a zero liquid discharge facility. No wastewater disposed into the outside of plant premises.																																							

Solid / Hazardous Waste Management and Disposal	:	<table><tr><th>Sr. No.</th><th>Type of Waste</th><th>Hazardous Waste Category</th><th>Existing Quantity</th><th>Proposed Quantity</th><th>Total Quantity</th><th>Disposal Method</th></tr><tr><td>1</td><td>Discarded Bags / Containers, Drums and Liners</td><td>33.1</td><td>50 MT per annum</td><td>30 MT per annum</td><td>80 MT per annum</td><td>Sent to authorized vendors</td></tr><tr><td>2</td><td>ETP Sludge</td><td>35.3</td><td>5000 kg per annum</td><td>7500 kgs per annum</td><td>12500 kgs per annum</td><td>Sent to TSDF site – Ramky Pithampur</td></tr><tr><td>3</td><td>Used / Spent Oil</td><td>5.1</td><td>2000 lit per annum</td><td>700 Litres per annum</td><td>2700 Litres per annum</td><td>Sent to authorized vendors</td></tr><tr><td>4</td><td>Salt Residue from MEE</td><td>-</td><td>1.2 TPD</td><td>2.1 TPD</td><td>3.4 TPD</td><td>Reused in powder manufacturing process / TSDF site – Ramky Pithampur</td></tr><tr><td>5</td><td>Spent Acid</td><td>26.3</td><td>22761 MT per annum</td><td>0</td><td>22761 MT per annum</td><td>Sold to authorized vendor B Roshanlal Chemicals Pvt, Indore.</td></tr></table>	Sr. No.	Type of Waste	Hazardous Waste Category	Existing Quantity	Proposed Quantity	Total Quantity	Disposal Method	1	Discarded Bags / Containers, Drums and Liners	33.1	50 MT per annum	30 MT per annum	80 MT per annum	Sent to authorized vendors	2	ETP Sludge	35.3	5000 kg per annum	7500 kgs per annum	12500 kgs per annum	Sent to TSDF site – Ramky Pithampur	3	Used / Spent Oil	5.1	2000 lit per annum	700 Litres per annum	2700 Litres per annum	Sent to authorized vendors	4	Salt Residue from MEE	-	1.2 TPD	2.1 TPD	3.4 TPD	Reused in powder manufacturing process / TSDF site – Ramky Pithampur	5	Spent Acid	26.3	22761 MT per annum	0	22761 MT per annum	Sold to authorized vendor B Roshanlal Chemicals Pvt, Indore.
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Green Belt	:	Total 14,682 m ² area will be developed as green belt which ~23.6 % of total plot area.																																										