



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The Deputy Managing Director
M/s Sarda Metals & Alloys Limited

Sy. No. 179 to 203 APIIC Industrial Park Kantakapalli Village Kothavalasa
Mandal Vizianagaram Distri, Sy. No. 179 to 203 APIIC Industrial Park
Kantakapalli Village Kothavalasa Mandal Vizianagaram
Distri, Vizianagaram, Andhra Pradesh-535240

Subject: Grant of Environmental Clearance (EC) to the proposed Project Activity
under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC)
in respect of project submitted to the Ministry vide proposal number
IA/AP/IND/260192/2017 dated 17 Mar 2022. The particulars of the environmental
clearance granted to the project are as below.

- | | |
|---|---|
| 1. EC Identification No. | EC22A008AP140455 |
| 2. File No. | J-11011/164/2009-IA.II(I) |
| 3. Project Type | Expansion |
| 4. Category | A |
| 5. Project/Activity including
Schedule No. | 3(a) Metallurgical industries (ferrous &
non ferrous) |
| 6. Name of Project | Expansion of Ferro Alloy Plant, Captive
Power Plant and Installation of Steel
Melting Shop, Mineral Fibre Plant By
Sarda Metals Alloys Ltd |
| 7. Name of Company/Organization | M/s Sarda Metals & Alloys Limited |
| 8. Location of Project | Andhra Pradesh |
| 9. TOR Date | 27 Nov 2017 |

The project details along with terms and conditions are appended herewith from page
no 2 onwards.

Date: 27/05/2022

(e-signed)
Dr. R. B. Lal
Scientist E
IA - (Industrial Projects - 1 sector)

*Note: A valid environmental clearance shall be one that has EC identification
number & E-Sign generated from PARIVESH. Please quote identification
number in all future correspondence.*

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By Speed Post/Online

F. No. J-11011/164/2009-IA.II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division – Industry I sector)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi – 110003

Dated: 27th May, 2022

To,

M/s. Sarda Metals & Alloys Limited,
Sy. No. 179 to 203 APIIC Industrial Park
Kantakapalli Village Kothavalasa Mandal
Vizianagaram Distri,Sy. No. 179 to 203
Dist. Kothavalasa, Vizianagaram, Andhra Pradesh-535240,
Email: ehs@smal.co.in

Subject: Expansion of Ferro Alloy Plant, Captive Power Plant and Installation of Steel Melting Shop, Mineral Fibre Plant by M/s. Sarda Metals & Alloys Limited located at APIIC Industrial Park, Kantakapalli Village, Kothavalasa Mandal, Vizianagaram District, Andhra Pradesh [Online Proposal No. IA/AP/IND/260192/2017, File No. J-11011/164/2009- IA.II(I)] –Environment Clearance – regarding.

Sir,

This refers to your proposal no. **IA/AP/IND/260192/2017** dated 17th March 2022 received through PARIVESH Portal for grant of **Environmental Clearance (EC)** for the project mentioned above.

- As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is covered under category 'A' of item **3(a) Metallurgical industries (ferrous & non-ferrous) and 1(d) Thermal Power Plants**, and appraised at **Central level**.
- The details of Implementation status of the existing EC are as under:

S. No.	Facilities	EC dated 26/11/2009	EC Amended on 04/05/2010	EC Amended on 02/07/2018	Implementation Status as on 17/03/2021	Production as per CTO
1.	Ferro Alloys *	2x33 MVA (1,50,000 TPA)	No change	3x33 MVA (1,50,000 TPA)	2x33 MVA 1,00,000 Implemented	2x33 MVA (1,00,000 TPA)
2.	Sinter Plant	1x24m² (1,25,000 TPA)	No change	No change	Not Implemented	
3.	Thermal Power Plant	4x60 (240 MW)	Configuration change as 3x80 (240 MW)	No change	1x80 MW Implemented	1x80 MW
4.	Coke Oven with Stamp	4,00,000 TPA	No change	Drop the facility	Not Implemented	--

	Charging					
5.	Sponge Iron Plant	2x500 TPD (3,00,000 TPA)	No change	No change	Not Implemented	--
6.	Blast Furnace	1x350 m ³ (2,50,000 TPA)	No change	No change	Not Implemented	--
7.	SMS					
7a	Induction Furnace	5x15 T (2,50,000 TPA)	No change	4x22T (3,50,000 TPA)	Not Implemented	--
7b	ARC Furnace	1x40 T (2,50,000 TPA)	No change	Drop the facility	--	--
8.	Rolling Mills	4,50,000 TPA	No change	3,50,000 TPA	Not Implemented	--
9.	Iron Ore Crushing Plant	6,00,000 TPA	No change	Drop the facility	--	--
10.	Pellet Plant	6,00,000 TPA	No change	No change	Not Implemented	--
11.	Railway Siding	--	No change	No change	Not Implemented	--
12.	Briquetting Plant**	--	--	--	1,05,000 TPA Implemented	1,05,000 TPA
<p><i>Note:</i> * As per CFO dated 19/10/2021 PP shall manufacture only Ferro Silicon, Ferro Manganese & Silico Manganese only. **Briquetting Plant does not require the Environmental Clearance and is now categorized as Green Category as per CPCB guidelines. Hence, CFE dated 10/08/2021 for the Briquetting Plant of capacity 1,05,000 TPA was obtained by PP.</p>						

4. The above-mentioned proposal was considered in 4th **meeting of Re-constituted Expert Appraisal Committee (Industry 1 Sector) held on 27th -28th April 2022.** The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.
5. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are as under: -

S No	Particulars	Details															
a.	Terms of Reference for undertaking EIA study	22/04/2020															
b.	Period of baseline data collection	December, 2020 to February, 2021															
c.	Date of Public Consultation	10/12/2021															
d.	Action plan to address the PH issues	Attached as Annexure 1															
e.	Location of the project	Kantakapalli Village, Kothavalasa Mandal, Vizianagaram District, Andhra Pradesh.															
f.	Latitude and Longitude of the project site	<table border="1"> <thead> <tr> <th>S No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>17°56'47.70"N</td> <td>83°13'4.60"E</td> </tr> <tr> <td>B</td> <td>17°56'12.89"N</td> <td>83°13'31.44"E</td> </tr> <tr> <td>C</td> <td>17°56'39.92"N</td> <td>83°12'46.32"E</td> </tr> <tr> <td>D</td> <td>17°56'31.16"N</td> <td>83°13'47.88"E</td> </tr> </tbody> </table>	S No	Latitude	Longitude	A	17°56'47.70"N	83°13'4.60"E	B	17°56'12.89"N	83°13'31.44"E	C	17°56'39.92"N	83°12'46.32"E	D	17°56'31.16"N	83°13'47.88"E
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S No	Particulars	Details			
g.	Total land	113.7 ha (280.96 acres) [Private land: 113.7 ha]			
		S No	DETAILS	Existing	Total (After Expansion)
		01	Process Area	32.69	117.91
		02	Common utility area	21.43	21.43
		03	Green Belt		
			a. Developed Greenbelt	93.23	93.23
			b. Proposed Miyawaki Plantation	-	1.12
		04	Vacant Land	133.61	47.27
			Total Area	280.96	280.96
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Expansion project is proposed within existing project area of 113.7 ha. Total land of 113.7 ha is owned by project proponent. No additional land is required for the expansion project.			
i.	Existence of habitation & involvement of R&R, if any	Plant Site: NIL Study Area:			
		Habitation	Distance	Direction	
		Kantakapalli Village	0.46 km	North	
		Katakapalli Village	1.0km	NNE	
		Kothavalasa	0.70 km	NNW	
j.	Elevation of the project site	102 m above mean sea level			
k.	Involvement of Forest land if any.	Nil			
l.	Water body exists within the project site as well as study area	Project site: Nil. Study area:			
		Water Body	Distance	Direction	
		Pond	0.27 km	West	
		Pedda Gedda	5.55 km	SE	
		Meghadri Gedda	3.45 km	SW	
		Vagu (Nala)	7.1 km	NE	
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Nil. However, following Forests are located within study area: • Advanapalem RF – 1.3 km – SE Muchcherla RF - 7.2 km – ESE			
n.	Project cost	INR 1242 Crores			
o.	EMP cost	17.194 Cr.			
p.	Employment opportunity	2523			
q.	Water and Power requirement	Water – 980 m3/day, Power – 54.30 MW			

Unit configuration and capacity:

S. No	Nam of the product	Units implemented as per EC dated 26/11/2009 and amended on 04/06/2016 & 02/07/2018 (A)		Proposed expansion (B)		Total (A+B)	
		Config-uration	Capacity (TPA)	Config-uration	Capacity (TPA)	Config-uration	Capacity (TPA)
1.	Ferro Alloys	2x33 MVA	1,00,000	Existing	2,50,000	5x36 MVA	2,50,000

				2x33 MVA upgraded to 2x36 MVA and add new 3x36 MVA			
2.	Captive Power Plant	1x80 MW	80 MW	1x80 MW	80 MW	2x80 MW	160 MW
3.	Steel Melting Shop	--	--	IF: 4x22 T	3,00,000	IF: 4x22 T	3,00,000
4.	Mineral Fiber Plant- 5 lines	--	--	--	Add New unit 1,50,000	--	1,50,000
5.	Briquetting Plant	--	1,05,000	--	--	--	1,05,000

6. The Consent & Authorization Order(CAO) is accorded Andhra Pradesh Pollution Control Board (APPCB) vide consent Order No. APPCB/VSP/VZN/200/CFO/HO/2021- dated 19/10/2021. Validity of CAO is up to 31/05/2023.
7. The EAC, in its 4th meeting of Expert Appraisal Committee (Industry-1 Sector) held on 27-28th April, 2022, based on information and clarifications provided by the project proponent and after detailed deliberations **recommended** the proposal for grant of Environment Clearance subject to stipulation of specific and general conditions as detailed in the paragraph given below.
8. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 and further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1) hereby decided to grant **Environment Clearance for instant proposal of M/s Sarda Metals & Alloys Limited under the provisions of EIA Notification, 2006** subject to the following specific conditions and general conditions:

A. Specific Conditions:

- i. Three tier Green Belt shall be developed in 33% of total project area by August, 2022 with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. Compliance status in this regard, shall be submitted to concern Regional Office of the MoEF&CC.
- ii. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
- iii. Following additional arrangements to control fugitive dust shall be provided:
 - a. Fog / Mist Sprinklers at all conveyors point and on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas.
 - b. Proper covered vehicle shall be used while transport of materials.
 - c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.

- iv. All internal road and connecting road from project site to main highway shall be developed and maintained with suitable Million Axle Standard (MSA) as per the traffic load due to existing and proposed project.
- v. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.
- vi. Particulate matter emission from stacks shall be less than 30 mg/Nm³.
- vii. Submerged Arc Furnace shall be equipped with the fourth hole fume extraction system.
- viii. 100 % slag generated from the process shall be utilized. Compliance status in this regard shall be submitted to the Regional Office of the MoEF&CC.
- ix. PP shall do 3-tier green belt along the perimeter boundary of the project, surrounding coal dumping and raw material yard, besides block plantation with in the project area.
- x. PP shall improve the Housekeeping of the project premises with best standards.
- xi. 10 numbers of truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere and the black dust on the nearby Mango orchards of the villagers.
- xii. Mechanical road sweeping shall be done in the surrounding villages also periodically.
- xiii. Project proponent shall follow safeguards to control the exposure of silica dust and some formaldehyde exposures arising out during production of mineral fibers. Compliance status in this regard, shall be submitted to concern Regional Office of the MoEF&CC.

A. General conditions

I. Statutory compliance:

- i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as two Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- iii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- iv. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- v. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- vi. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
- vii. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- Viii Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

III. Water quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; G.S.R 277 (E) dated 31st March 2012 (applicable to IF/EAF) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iv. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
- v. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
- vi. Tyre washing facilities shall be provided at the entrance/exit of the plant gates.

IV. Noise monitoring and prevention

- i. Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

V. Energy Conservation measures

- i. Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.

VI. Waste management

- i. Used refractories shall be recycled.
- ii. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.
- ii. Project proponent shall submit a study report on De-carbonization program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.

VIII. Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

IX. Environment Management

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt Kantakapalli, Katakapalli, Kotturu, Patta Sunkarapalem, Kotha Sunkarapalem, Gollapeta, Chinnaraopalli, Baligattam, Chiinipalem, Sambayyapalem, Appannapalem and Nimmalapalem villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

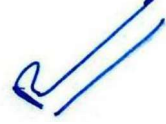
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

- xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

8. This issues with the approval of the Competent Authority.



(Dr. R. B. Lal)
Scientist 'E'/Additional Director
Tel: 011-20819346
Email-rb.lal@nic.in

Encl. as above at Annexure
Copy to: -

1. The Principal Secretary, Department of Environment, Forest, Science & Technology, Government of Andhra Pradesh, Hyderabad, Andhra Pradesh
2. The Additional Principal Chief Conservator of Forests (C), Aranya Bhavan, K.M. Munshi Road, Nagarampalem, Guntur-522 004, Andhra Pradesh.
3. The Member Secretary, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32.
4. The Member Secretary, AP Pollution Control Board, Chalamalavaii Street, Kasturibaipet, Vijayawada - 520 010.
5. Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
6. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi
7. District Collector, Nagaur, Rajasthan
8. Guard File/Monitoring File/ Parivesh Portal /Record File.



(Dr. R. B. Lal)
Scientist 'E'/Additional Director
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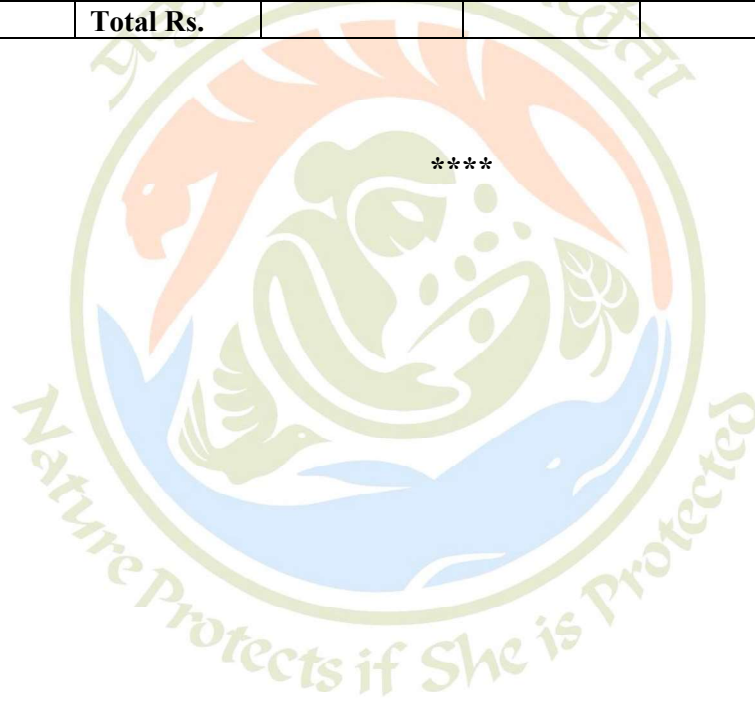
Annexure-1

S. No	Activity	Year			Total (Rs Lakhs)				
		2022-23	2023-24	2024-25					
1. Land Related Issues									
c)	Compensation to the land losers	Physical Nos	Nil Already paid to APIIC. Any discrepancies to be brought to APIIC Notice for resolution			-			
		@Village				-			
		Budget Rs Lakhs				-			
d)	Compensation to the farmers whose mango garden was disturbed during laying the power line through Kothasunkarapalem village	Physical Nos	An amount of Rs. 21,51,15032 /- has been paid to land owners on whose lands the towers were erected as stipulated by APTRANSCO. Those who have not received the compensation may approach SMAL for taking up the issue with APTRANSCO			-			
		@Village				-			
		Budget Rs Lakhs				-			
2. Air Pollution Related issues									
c)	Impact on black dust pollution on mango and cashew plantation from the industry	Physical Nos	Nil			*Rs. 16877 lakhs earmarked towards air pollution control system and online monitoring systems as part of EMP			
		@Village							
		Budget Rs Lakhs							
d)	Option to reduce coal consumption to meet COPS guideline for reducing CO2 emissions	Physical Nos	Implementation of WHRB within 3 years			Rs. 7500 Lakhs			
		@Village	Implementation of Roof top solar panels within 3 years			Rs. 10 Lakhs			
		Budget Rs Lakhs							
3. Water Pollution Related issues									
c)	Water pollution to Marrigedda	Physical Nos	Nil			Rs. 20.0 Lakhs			
		@Village					SMAL will construct a sedimentation pit before monsoon to collect the runoff water. Analysis of the water will be carried out periodically.		
		Budget Rs Lakhs					20		
d)	Impact of rainwater being discharged from the plant site and joining the narasapalli Tank.								
4. Greenbelt Development Related Issues									
c)	Avenue plantation on internal roads	Physical Nos	1000-1500 Plants	1000-1500 Plants	1000-1500 Plants	Rs. 6.0 lakhs			

		@Village	Kantakapalli	Kotturu	Sunkarapalem	
		Budget Rs Lakhs	2.0	2.0	2.0	
d)	Plantation of Fruit bearing and medicinal Plants	Physical Nos	Within the plant site as part of Greenbelt development program which includes Miyawaki Plantation			*Rs. 20 lakhs
		@Village	7	7	6	
		Budget Rs Lakhs				
5. Employment related issues						
f)	Jobs to local and surrounding villages	Preference will be given to locals from the surrounding villages during the expansion phase also			-	
g)	75 to 80 % employment should be given for locals					
h)	Provide the employment to the people who lost the land					
i)	Priority to local and unemployed youth					
j)	Preference to local people for petty contracts like earth works, civil works etc.,					
6. Occupational safety related Issues						
c)	Monitoring the heat near furnace	Physical Nos	Conducting industrial hygiene test and provision of full body heat retardant suits			Rs. 15.0 Lakhs
		@Village	Within the plant			
		Budget Rs Lakhs	5.0	5.0	5.0	
d)	PPE to all the workers	Physical Nos	PPE to all workers is provided			Rs. 10.5 Lakhs
		@Village	Nil			
		Budget Rs Lakhs	3.5	3.5	3.5	
7. Rain water Harvesting Related Issues						
a)	Rainwater Harvesting	Physical Nos	Nil, Done with in the plant site			
		@Village				
		Budget Rs Lakhs	6.0			
8. Compliance to Pollution Control Rules and Regulations Issues						
a)	Comply with emission standards and follow the rules and regulation of MoEFCC / APPCB	Physical Nos	Nil			Budget for implementation of pollution control equipment (EMP Budget) already provided to comply with MoEFCC / APPCB Rules and Regulations Issues
		@Village				
		Budget Rs Lakhs				
9. CSR Related Issues						
n)	Charging for RO water	Physical Nos	SMAL has implemented the RO Plants and the village panchayat is charging for maintaining the RO Plant			-
		@Village				
		Budget Rs Lakhs				

o)	Medical camps, Issue of Health Cards and supply of medicines	Physical Nos	4 camps per village per year will be taken up			Rs. 30.0 Lakhs
		@Village	Kantakapalli	Kotturu	Sunkurapalem	
		Budget Rs Lakhs	10	10	10	
p)	CSR amount is not spent in the nearby villages	Physical Nos	District Collector has advised the govt. Officials to form a committee which will prioritize the needs of the villages and coordinate the implementation of CSR Budgets.			Rs. 200 Lakhs
		@Village				
		Budget Rs Lakhs	SMAL has earmarked the budget of Rs. 200 lakhs for this purpose			
q)	CSR amount should be 5% of the net profit	Physical Nos	District Collector has advised the govt. Officials to form a committee which will prioritize the needs of the villages and coordinate the implementation of CSR Budgets.			
		@Village				
		Budget Rs Lakhs	SMAL has earmarked the budget of Rs. 200 lakhs for this purpose			
r)	Formation of Coordination committee with Govt. officials, PCB Officials and Local Villagers	Physical Nos	District Collector has advised the govt. Officials to form a committee which will prioritize the needs of the villages and coordinate the implementation of CSR Budgets.			Rs. 1.0 lakhs per year
		@Village				
		Budget Rs Lakhs	SMAL has earmarked the budget of Rs. 1.0 lakhs per year for this purpose			
s)	Construction of Hospital	Physical Nos	SMAL is regularly undertaking the health camps for the benefit of the local villagers. SMAL has started a polyclinic in which registered MBBS Doctor sits for alternate days to give free health check-up and consultancy. Company also provides free medicines to all the villages as prescribed by the doctor. SMAL is providing the ambulance service to transport in case of emergency to local Government hospital which located at Kothavalasa within 6kms.			Rs. 30.0 lakhs
		@Village				
		Budget Rs Lakhs	10.0	10.0	10.0	
t)	Construction of burning shed in grave yard of Kantakapalli	Physical Nos	1 Nos			Rs. 10 lakhs
		@Village	Kantakapalli			
		Budget Rs Lakhs	10.0			
u)	Construction of Community Hall	Physical Nos	This will be taken up in the District committee to be constituted by District collector. Since the land has to be identified by the village panchayat.			
		@Village				
		Budget Rs Lakhs	CSR Budget			
v)	Construction of additional overhead tank in kantakapalli, Sunkurapalem	Physical Nos	SMAL has upgraded the transformer capacity by spending Rs 5.0 Lakhs to ensure that 24X7 water supply in the villages. However, this issue will be taken up by the committee to be constituted by District Collector.			
		@Village				
		Budget Rs Lakhs				
w)	Construction of RO plant in sambhayyapalem, sunkurapalem and supply RO	Physical Nos	1	1	1	Rs. 6.0 Lakhs Water Quality will be tested
		@Village	Kotturu	Sambhayyapalem	Sunkurapalem	
		Budget Rs	2.0	2.0	2.0	

	water free of cost.	Lakhs				
x)	Development of roads, nallas and other Infrastructure needs of the village under CSR activities	Physical Nos	This will be taken up in the District committee to be constituted by District collector. SMAL will provide the necessary budget from the CSR Funds			Rs. 200 Lakhs
		@Village				
		Budget Rs Lakhs				
y)	Skill Development Programs	Physical Nos	Tie up with local ITI or Polytechnical Colleges and sponsoring of students.			Rs. 30 Lakhs
		@Village	Kantakapalli	Kotturu	Sunkurapalem	
		Budget Rs Lakhs	10.0	10.0	10.0	
z)	Support to rural primary education for weaker sections	Physical Nos	Identification of Weaker section students and providing necessary education aids to ensure that they attend the school			Rs. 15 Lakhs
		@Village	Kantakapalli	Kotturu	Sunkurapalem	
		Budget Rs Lakhs	5.0	5.0	5.0	
		Total Rs.				7883.5 Lakhs



Validity unknown

Digitally signed by Dr. R. B. Lal
Scientist E
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