



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

To,

The COO Metal
VEDANTA LIMITED

Vedanta Limited, Aluminium and Power, Village- Bhurkamunda, PO
Kalimandir, District Jharsuguda, Odisha,,Jharsuguda,Orissa-768202

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/OR/IND/236646/2017 dated 03 Nov 2021. The particulars of the environmental
clearance granted to the project are as below.

1. EC Identification No.	EC22A008OR175569
2. File No.	J-11011/29/2007-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	Proposed Expansion of Aluminium Smelter Production Capacity from 16 LTPA to 18 LTPA, CPP 1215 MW
7. Name of Company/Organization	VEDANTA LIMITED
8. Location of Project	Orissa
9. TOR Date	20 Dec 2017

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

Date: 05/05/2022

(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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F. No. J-11011/29/2007-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: 5th May, 2022

To,

Shri. Pravin Kumar,
COO Metal,
M/s. Vedanta Limited,
Village Bhurkamunda, PO Kalimandir,
District Jharsuguda, Odisha -768202
Email: envvljsgsc@vedanta.co.in; Tel: 6645 666634

Subject: Proposed Expansion of Aluminium Smelter Production Capacity from 16 LTPA to 18 LTPA without increasing the CPP capacity of 1215 MW by M/s. Vedanta Limited located at Village- Bhurkamunda, PO Kalimandir, District Jharsuguda, Odisha – Environment Clearance regarding.

Sir,

This refers to your proposal no. **IA/OR/IND/236646/2017** dated **03/11/2021** submitted through Parivesh Portal and subsequent ADS replies dated 02/12/2021, 09/12/2021, 01/03/2022 and 11/03/2022 seeking for grant of **Environment Clearance (EC)** for the project mentioned above.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is listed at schedule no. 3 (a) Metallurgical industries (Ferrous & non-ferrous) under Category “A” of the schedule of the EIA notification, 2006 and appraised at Central level.
3. Accordingly, the above-mentioned proposal has been considered by the **Reconstituted EAC (Industry-I) in its 48th meeting held on 11-12th November, 2021, reconsidered in 49th meeting held on 16th - 17th December, 2021 and 2nd meeting of new committee held on 22nd – 23rd March, 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/>.
4. The details of the proposal are as per the EIA report submitted by the proponent. The salient features of the expansion proposal as presented during the above-mentioned meeting of EAC (Industry 1) are as under: -

S.No.	Particulars	Details
a.	Terms of Reference for undertaking EIA study	20/12/2017
b.	Period of baseline data collection	March, 2021 to May, 2021
c.	Date of Public Consultation	30/09/2020
d.	Action plan to address the PH issues	An amount of Rs. 7927 Lakhs have been earmarked to address the issues raised during public hearing and an amount of Rs. 7680 Lakhs have been earmarked to address the issues based on social need based

S.No.	Particulars	Details												
		activities. Detail of activities proposed attached as Annexure 1.												
e.	Location of the project	Village- Bhurkamunda, PO Kalimandir, District Jharsuguda, Odisha.												
f.	Latitude and Longitude of the project site.	<u>Latitude & Longitude</u> 21°49'' 43.0''N 84° 02' 40.7'' E 21°48'' 32.2''N 84°03' 53.7'' E 21°46'' 52.5''N 84°03' 2.91'' E 21°48'' 6.51''N 84°01' 48.29''E 21°49'' 3.01''N 84°01' 30.55'' E												
g.	Total land	834.236 ha [Private Land]												
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	The expansion facility is proposed in existing project area of 834.236 ha Total land of 834.236 ha is in possession of the M/s. Vedanta Limited. No additional land is required for proposed expansion.												
i.	Existence of habitation & involvement of R&R, if any	No R&R involved.												
j.	Elevation of the project site	198 m to 216 m AMSL												
k.	Involvement of Forest land if any.	No												
l.	Water body exists within the project site as well as study area	Project site: Name-Kharkhari Nala Study area: <table border="1"> <thead> <tr> <th>Water Body</th><th>Distance</th><th>Direction</th></tr> </thead> <tbody> <tr> <td>Bhedan River</td><td>0.3 Km</td><td>South</td></tr> <tr> <td>IB River</td><td>8Km</td><td>West</td></tr> <tr> <td>Hirakud Reservoir</td><td>8 Km</td><td>South</td></tr> </tbody> </table>	Water Body	Distance	Direction	Bhedan River	0.3 Km	South	IB River	8Km	West	Hirakud Reservoir	8 Km	South
Water Body	Distance	Direction												
Bhedan River	0.3 Km	South												
IB River	8Km	West												
Hirakud Reservoir	8 Km	South												
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	NIL												
n.	Project cost	Expansion Project - INR 1240 Crores												
o.	EMP cost	INR 96.16 Crores (Capital Cost) INR 5.80 Crores (Recurring Cost)												
p.	Employment opportunity	800 nos. (250-direct & 550-indirect)												
q.	Water and Power requirement	Water – 3957 m ³ /day [Existing: 3933 m ³ /day and Expansion: 24 m ³ /day] Power – 3615 MW [Existing: 3215 MW and Expansion: 400 MW]												

Unit configuration and capacity:

S No	Name	Existing Units		Proposed Units		Total (Existing +Proposed)	
		Configuration	Production in TPA	Configuration	Production in TPA	Configuration	Production in TPA
1	Aluminium Smelter	1864 pots in 6 Potlines, 4x35TPH Green Anode Plant,	16,00,000 TPA	66 pots in Potline-6, 1x60TPH Green Anode Plant,	2,00,000	1930 pots in 6 Potlines, 4x35 TPH & 1x60 TPH Green Anode	18,00,000 TPA

S No	Name	Existing Units		Proposed Units		Total (Existing +Proposed)	
		Configuration	Production in TPA	Configuration	Production in TPA	Configuration	Production in TPA
		5 units of Bake Oven, 1x90 & 1x160 RPH of Rodding Unit, 3 units of Casting		1x120 RPH Rodding Unit, 1 unit of Casting		Plant, 5 units of Bake Oven, 1x90, 1x160 & 1x120 RPH Rodding Unit, 4 units of Casting	
2	CPP	9 units of 135 MW each	1215 MW	-	-	9 units of 135 MW each	1215 MW

5. The EAC (Industry-I) in its 2nd meeting held on **22-23rd March, 2022**, based on information & 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.
6. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & 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. Vedanta Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions:

A. Specific conditions

- i. The project proponent shall abide by all orders and judicial pronouncements, made from time to time in OA No. 10/2021/EZ pending before the National Green Tribunal (NGT), Eastern Zone, Kolkata.
- ii. The poly-aromatic hydrocarbons (PAH) from the carbon plant (anode bake oven) shall not exceed 2 mg/Nm³. The data on PAH shall be monitored quarterly and report shall be submitted regularly to the Ministry/Regional Office at Bhubaneswar and Odisha Pollution Control Board.
- iii. A nallah is passing through the project site, PP shall maintain the nallah in its natural form and provide the green buffer zone of 10 m on both side of the nallah.
- iv. Particulate fluoride emissions shall not be more than 0.65 mg/Nm³ and fugitive particulate fluoride emissions from pot room shall not be more than 1.85 mg/Nm³.
- v. Project proponent shall maintain the Fluoride consumption less than 10 kg/tone of Aluminium production by April, 2022 and reduce further at 8.0 kg/t by April, 2023 as committed by PP.
- vi. Three tier Green Belt shall be developed in a time frame of one year covering 33% of total area 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. This shall include development of green belt of 50 width from the project site towards the Jharsuguda village located at 0.2km from the site. In addition to this, following activities shall

also be undertaken as committed by the proponent:

- Green cover on reclaimed ash ponds over an area of 40 Ha shall be developed by June 2022.
 - PP shall undertake plantation over 37.5 ha outside plant premises in consultation with DFO, Jharsuguda.
- vii. Present stock of SPL carbon (36320 T) and legacy SPL stock shall be liquidated by Sep, 2023 as committed.
- viii. Refractory SPL stock (40000 T) stored in covered shed on concrete floors shall be disposed of Dec, 2025 as committed.
- ix. PM levels shall be less than 30 mg/Nm³ for all units under expansion. In case of older units, PP shall initiate retrofitting/modification action to achieve the PM emission level of 30 mg/Nm³ by October, 2024.
- x. Wastes shall be sent to RAMKY TSDF located at Sukinda. Further, waste disposed in this SLF shall be evacuated and disposed to authorized agency for detoxification as committed by PP.
- xi. PP shall use Roof Top Rainwater Harvesting systems with a total capacity of around 10000 m³ of rainwater and re-use the water in the plant.
- xii. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Aluminium sector shall be strictly implemented.
- xiii. PP shall utilize 100% ash as per Fly Ash Notification 2021 and its subsequent amendments. Further, legacy ash shall be utilized completely by 31/05/2027 as committed by PP.
- xiv. Dust Suppression measures such as water sprinkling through mobile tankers is being carried out especially during the dry season. Ash laden trucks are covered with tarpaulin to avoid spillage.
- xv. Regular monitoring of Air, Water & Soil quality shall be carried out in the Ash Pond area.
- xvi. Performance monitoring of pollution control equipment shall be taken up yearly and compliance status in this regard shall be reported to RO.
- xvii. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
- xviii. The area of sampling and analysis of fluoride in soil and forage should extend up to 10 kilometers radius of plant premises covering upwind and downwind directions. Further, fluoride sampling and analysis should be taken quarterly at the nearest irrigated lands growing crops, vegetables, and other products of human consumption.
- xix. The major emissions are from the pot room roof. The sampling frequency should be increased, and sampling is done at multiple locations. The laser-based advance technology shall be adopted to continuously monitor gaseous fluoride emissions from pot rooms on real time basis by March, 2023.
- xx. Wheel Washing mechanism shall be provided in entry and exit gates with complete water recirculation system

- xxi. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface

B. 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 (CEMS) at process stacks to monitor stack emission as well as 4 Nos. 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 recognized 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 labs recognized under Environment (Protection) Act, 1986.
- iii. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- iv. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash;
- v. The project proponent shall provide wind shelter fence and chemical spraying on the raw material stock piles;
- vi. Ventilation system shall be designed for adequate air changes as per the prevailing norms for all tunnels, motor houses, and cement bagging plants.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- viii. Adopt measures to recover fluoride gas from electrolytic cells and recycle the same in the process.
- ix. Practice use of low-Sulphur tars for baking anodes.
- x. Make efforts to increase the life of pot lining through better construction and operating techniques.
- xi. Design the pot roofs with louvers and roof ventilators

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 742 (E) dated 30th August 1990 and further amended vide G.S.R 46 (E) dated 3rd February 2006 (Aluminium); S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) 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. 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
- v. Water meters shall be provided at the inlet to all unit processes in the cement plant.
- vi. The project proponent shall make efforts to minimize water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water.

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. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases.
- ii. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
- iii. Provide LED lights in their offices and residential areas.

VI. Waste management

- i. Used refractories shall be recycled.
- ii. Oily scum and metallic sludge recovered from ETP shall be mixed, dried, and briquetted and reused.

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.
- 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 nearby 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.

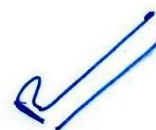
X. Miscellaneous

- 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.

7. 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 Annexure

Copy to:-

1. Secretary, Department of Environment, Government of Odisha, Secretariat, Bhubaneswar.
2. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, A/3, Chandersekharapur, Bhubaneswar – 751023.
3. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
4. Chairman, Odisha State Pollution Control Board, Parivesh Bhawan, A/118 Nilakantha Nagar, Unit-VIII, Bhubaneshwar-751012.
5. Member Secretary, Central Ground Water Authority, A2, W3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.

6. District Collector, Jharsuguda District, Odisha.
7. Guard File/Record File/Monitoring File.
8. MoEF&CC Website/ Parivesh Portal



(Dr. R. B. Lal)

Scientist 'E'/Additional Director

Tel: 011-20819346

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Annexure

Action plan as per MoEF&CC O.M. dated 30/09/2020:

S No	Concerns Raised during Public Hearing	Physical Activity & Action plan for FY 2022	Tentative Budget in Rs. (Lacs)	Physical Activity & Action plan for FY 2023	Tentative Budget in Rs. (Lacs)	Total budget in Rs. lacs
1	Emission of Gas & fumes problem	Ordering for Fume Treatment Plant revamping including supply of equipment	1100	Revamping of Fume Treatment Plant (FTP 1, Smelter 1) by July 2022 and Balance 3 FTPs by March 2023.	3300	4400
2	Compensation for Crop Damage due to emission of gases	Detailed study w.r.t Crop damage is being carried out by NRRI for 2 crop cycles	50	2 nd Crop Cycle Study	-	50
		Distribution of 7 Quintal high yield variety of seeds, Fertilizers (Completed)		Training to Farmers on best agricultural practices for higher yield/production		
		Training Program to Farmers of 12 Villages				
3	Road dust problem due to transport of Ash	Construction and Commissioning of dedicated road for truck traffic to avoid entering Sunarimunda village and Jharsuguda town by July 2021 (Completed)	3100	Parking Plaza for 200 trucks entering and leaving the factory premises to be constructed at Brundamal with all facilities and amenities for drivers by Dec 2022	197	3297
		Installation of Wheel Wash System at the entry/exit of Factory premises by Dec 2022	80	-	-	80
4	Avenue Plantation & Other Afforestation	-	-	Plantation & Maintenance of 25,000 Saplings outside plant areas in consultation with DFO	100	100
Total			4330		3597	7927

Action plan for need base activity

S No	Concerns Raised during Public Hearing	Physical Activity & Action plan for FY 2022	Tentative Budget in Rs. Lacs	Physical Activity & Action plan for FY 2023	Tentative Budget in Rs. Lacs	Total budget in Rs. lacs
5	Formation of Environmental committee to address issues related to environment	Committee will be formed in consultation with district administration, SPCB, Local representative & company representative	-	-	-	-
6	Contractual work to local people	196 local contracts involving 52 local contractors	-	-	-	-

S No	Concerns Raised during Public Hearing	Physical Activity & Action plan for FY 2022	Tentative Budget in Rs. Lacs	Physical Activity & Action plan for FY 2023	Tentative Budget in Rs. Lacs	Total budget in Rs. lacs
7	Training & skill development for Local People.	Through Project Jeevika to enhance the income of farmers fraternity, covering 5 villages namely Gudigaon, Siriapalli, Keldamal, Bhagipalli, Bhurkamunda to 750 people	250	Through Project Jeevika to enhance the income of farmers fraternity, covering 5 villages namely Brundamal, Dalki, Katikela, Kumudapalli, Kurebaga to 750 people	250	500
		Skill development trainings to 150 numbers of youths through Vedanta Foundation from Banjari, Bhagipalli, Bhurkamunda, Brundamal	45	Skill development trainings to 450 numbers of youths through Vedanta Foundation from Dalki, Katikela, Kumudapalli, Sunarimunda, Gudigaon	135	180
		5,195 persons have been employed from Jharsuguda & Local affected villages	-	-	-	-
		More than 90% of our unskilled workforce is from Odisha	-	-	-	-
8	Health and establishment of medical college and hospital	Vedanta State of Art - Pathology & Diagnostic Centre at JSG benefiting >2.5 lac population providing services for BPL at free of cost & rest as per CGHS rates	2000	Vedanta State of Art Pathology & Diagnostic Centre at Laikera benefiting >2.5 lac population providing services for BPL at free of cost & rest as per CGHS rates	2000	4000
		COVID-19 initiatives for communities (distribution of ration, mask in large scale to community & frontline workers and Vaccine)	30	COVID-19 initiatives for communities (distribution of ration, mask in large scale to community & frontline workers and Vaccine)	20	50
		Supporting district COVID-19 Hospital - 100 bed + ventilators + lifesaving equipment	250	Supporting district COVID-19 Hospital - 100 bed + ventilators + lifesaving equipment	50	300
		COVID-19 support at state level	450	COVID-19 support at state level	50	500
9	Supply of Drinking water	Drinking water supply through Overhead tank and pipelines in Banjari village to approx. 300 House Holds.	30	Drinking water supply in Siriapalli, Kurebaga to approx. 600 Households	70	100
10	Provision of streetlights in surrounding villages	Streetlights (including solar streetlights in 10 villages) 50 numbers in villages Orampada, Banjari, Tharkimal, Bhagipalli, Bhurkamunda	25	Streetlights (including solar streetlights in 10 villages) 50 numbers in villages Brundamal, Kurebaga, Kumudapalli, Gudigaon, Siriapalli	25	50

S No	Concerns Raised during Public Hearing	Physical Activity & Action plan for FY 2022	Tentative Budget in Rs. Lacs	Physical Activity & Action plan for FY 2023	Tentative Budget in Rs. Lacs	Total budget in Rs. lacs
11	Road & Peripheral Development	Construction of RCC road 700 m & drainage facilities in Banjari village	100	Construction of RCC road 1300 m & drainage facility in Tharkimal village	200	300
		Cleaning/renovation of community ponds 17 numbers	43	Cleaning/renovation of community ponds 23 numbers	57	100
		Construction & Renovation of Community Centers/Place of worship/ Public gathering places around 4 core villages Kurebaga, Kherual, Brundamal, Bhurkamunda	100	Construction & Renovation of Community Centers / Place of Worship / Public gathering places around 6 core villages Banjari, Buromal, Badmal, Tharkimal, Gudigaon, Katikela	160	260
12	Education & Establishment of English Medium School	Partnering with State Govt. through "Mo School Abhiyaan" covering 4 Govt. Schools at Jharsuguda	80	-	-	80
		Renovation of 50 anganwadi for Nandghars covering 35 communities	200	Renovation of 50 anganwadi for Nandghars covering 35 communities	200	400
		Renovation of 10 school buildings + toilets	100	Renovation of 10 school buildings + toilets	100	200
		-	-	Developing 5 mini-science centre benefiting more than 1000 children	60	60
13	Women Empowerment	Strengthening of SHG & promoting income generation activities through Subhalaxmi Cooperative Society - 5K members in 35 communities	300	Strengthening of SHG & promoting income generation activities through Subhalaxmi Cooperative Society - 5K members in 35 communities	300	600
Total			4303		3377	7680