



**F. No. IA-J-11011/524/2017-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: 15<sup>th</sup> September, 2023**

**To,**

**M/s. JSW Utkal Steel Limited,**  
Plot No. 3, Forest Park,  
Bhubaneswar, Odisha-751009  
Email: [mm@jsw.in](mailto:mm@jsw.in)

**Subject: Setting up of a Greenfield Integrated Steel Plant of capacity 13.2 MTPA Crude Steel with 10 MTPA Cement grinding unit & 900 MW Captive Power Plant by M/s. JSW Utkal Steel Limited, located at Polanga, Bayanala Kandha, Gobindapur, Dhinkia, Nuagaon and Jatadhara Villages, Ersama Tehsil, Jagatsinghpur District, Odisha –Re-validation of Environmental Clearance – regarding.**

**Ref. : (i) Ministry's EC vide letter No. J-11011/524/2017-IA.II (I) dated 11.04.2022**  
**(ii) Order of Hon'ble NGT dated 20.03.2023 [in the matter of Prafulla Samantray Vs. Union of India & Ors. vide Appeal No. 21 of 2022/EZ (I.A. No. 167/2022/EZ)]**  
**(iii) Order of Hon'ble Supreme Court of India, dated 15.05.2023 [in the matter of Civil Appeal No. 3657-58 of 2023]**

Sir,

This is in reference to the Order of Hon'ble NGT dated 20.03.2023 [in the matter of Prafulla Samantray Vs. Union of India & Ors. vide Appeal No. 21 of 2022/EZ (I.A. No. 167/2022/EZ)] and the Order of Hon'ble Supreme Court of India, dated 15.05.2023 [in the matter of Civil Appeal No. 3657-58 of 2023] with regard to the above mentioned project. The Hon'ble NGT and Hon'ble Supreme Court of India disposed the cases with certain directions to the EAC/Ministry. In this context, the Proposal was referred to the EAC for compliances of the directions of the Hon'ble Courts.

2. The Environment Clearance was granted to M/s. JSW Utkal Steel Limited [JSW USL] by the Ministry vide letter No. J-11011/524/2017-IA.II (I) dated 11.04.2022 for setting up of a Greenfield Integrated Steel Plant of capacity 13.2 MTPA crude steel with 10 MTPA Cement grinding unit & 900 MW Captive Plant Near Paradeep Jagatsinghpur district, Odisha by M/s. JSW Utkal Steel Limited.

3. It is mentioned that an Appeals vide 21-22 of 2022 titled Prafulla Samantray Vs. Union of India & Ors. was filed before the Hon'ble National Green Tribunal (Eastern Zone), challenging the EC granted dated 11.04.2022. The Environment Clearance for setting up of the ISP and Cement grinding unit was challenged in Appeal No. 21/2022 and the Environment Clearance dated

12.04.2022 for setting up the Captive jetty was challenged in Appeal No. 22/2022 before the same Bench. Both the appeals were connected and were heard together at length during the proceedings. The Hon'ble NGT, vide its judgment dated 20.03.2023 has allowed the Appeals and suspended the Environment Clearance granted for both the projects. Accordingly, Hon'ble NGT has remitted the matter to the MoEF&CC for fresh appraisal and decision by MoEF&CC in the light of observations made in the judgement.

4. The matter has been examined in the Ministry and accordingly the matter was placed before the Expert Appraisal Committee (Industry-1) in its **26th meeting held on 17th April 2023, in 31<sup>st</sup> meeting held on 15th – 16th May, 2023, 33rd meeting held on 30th May, 2023, in the 36th EAC held on June 7, 2023, in 40th EAC meeting held on 21<sup>st</sup> July 2023 and 41th EAC meeting held during on 2nd & 4th & 8th August, 2023. The minutes of the meetings are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.**

5. The EAC (Industry-I) in its 41<sup>st</sup> meeting held on 2nd, 4th and 8th August 2023 based on detailed deliberations observed that all the points that have been raised by Mr. Prafulla Samantara in his representation have been already addressed prudently by this EAC in its deliberations and recommendations. The Committee has also addressed all the concerns raised in the Order dated 20.03.2023 passed by the Hon'ble National Green Tribunal, Eastern Zone Bench, Kolkata, in Appeal No. 21 of 2022 and Appeal No. 22 of 2022 and the Order dated 15.05.2023 passed by the Hon'ble Supreme Court in CA No. 3657-58 of 2023. This was done with the collective and stringent socio-environmental acumen of this Committee, leaving no scope for omissions or any biases, which is clearly evident from the various recommendations made for protecting and conserving the environment as well as the well-being of the people at large. This EAC has taken utmost care to address all the issues keeping in view the environment, ecology and the livelihood of affected parties. It is pertinent to mention that the EAC in its 36th Meeting held on 7th June 2023 recommended additional safeguards and mitigation measures that became essential with changing scenario with passage of time, considering the global climate change and sustainable development paradigms.

### **Recommendations of the EAC**

6. The EAC (Industry-I) in its 41<sup>st</sup> meeting held on 2nd, 4th and 8th August 2023 based on detailed deliberations inter-alia reiterates its recommendations during its 36th EAC meeting held on 7th June 2023 for grant of Environment Clearance dated 11.04.2022 subject to the stipulation additional environmental safeguards and mitigation measures including the following additional specific conditions:

<b>Sl No</b>	<b>Specific conditions w.r.t. EC dated 11.04.2023</b>	<b>Revised Specific conditions</b>	<b>Remarks by the EAC</b>
1	(xiv). 223200 KLD water shall be sourced from upstream of Jobra	(xiv.) 147500 KLD water shall be sourced from ISS at Chaudhurygada, 25 km from the site. (Including the additional water required to provide	With changing scenario, the water requirement for the proposed project has been revisited and revised based

	barrage at Mahanadi river, 87 km from the site. No Ground water shall be abstracted.	ferrule water to villages enroute water pipeline 24400 KLD). No Ground water shall be abstracted. The PP, as committed, shall create water harvesting stations at regular intervals along the 25 Km pipe line through which water is drawn from the Chowdhurigada ISS and make water available to villagers. The PP as committed shall rejuvenate the identified 110 existing community ponds.	on Best Industry Practices (as summarized in table) and the water requirement is substantially reduced now.
2	(xv). Treated surplus water from Iron Ore Slurry dewatering plant shall be fully utilized in construction and supplied to IDCO as per MOU between IDCO and PP.	(xv). Treated surplus water from Iron Ore Slurry dewatering plant shall be fully utilized in the Unit.	With changing scenario water requirement for the proposed project has been revisited & revised based on recycling of water and its use in the process so that water requirement is decreased.
3	(xxviii). Green belt shall be developed in 372 ha of the plant area with a tree density of 2500 trees per ha. Plantation shall be completed in 3 years followed by gap filling in the next two years.	(xxviii.) Green belt shall be developed over an area of 34% (383 ha) of plant area inside the plant and on 85 Ha (7% of plant area) outside the plant area on Government land at the cost of the Project Proponent. Tree density of 2500 trees per ha shall be maintained. Necessary arrangements (MOU) shall be made with the State Govt. in this regard within six months. This land shall not be used for any purpose other than green belt by the PP. The selection of species will be in consultation with the State Forest Department, and forestry experts. M/s JSW shall not use this 85 ha. land for any purpose other than green belt.	EAC has gone through the letter of OSPCB dated 18-4-2023 addressed to JSWUSL that “a small portion of the said project area is overlapping with the demarcated SPA of Paradeep” and considered the proposal as per the OM of MoEFCC dated 31-10-2019 to deal with CPA/SPA. The Committee deliberated the Action plan on the CEPI guidelines and found in order.
5	(xxxii). 1905 m <sup>3</sup> /hr waste water shall be generated from the plant, the same shall be treated and recycled maintaining	(xxxii). 1481 m <sup>3</sup> /h of wastewater shall be generated from the plant and same shall treated and recycled maintaining ZLD status of the plant	With changing scenario, the water requirement for the proposed project has been revisited and revised based on proposed Best Industry Practices.

	ZLD status of the plant.		
<b>Additional Safeguards/EC conditions be included in the EC</b>			
6	-	The PP shall strictly implement the action plan prepared as per MoEF&CC O.M. No. 22-23/2028-IA.III dated 31/10/2019 and MoEF&CC O.M. No. 22-23/2028-IA.III dated 05/07/2022. Stringent measures shall be undertaken as per the submitted action plan to minimise the Air emissions. All conditions stipulated in the “Action Plan for abatement of pollution in industrial areas of Paradeep, prepared by OSPCB in July 2020 to bring down the CEPI score” shall be also strictly complied and implemented by the PP. Compliance Report shall be submitted to IRO, MoEFCC.	The EAC has gone through the letter of OSPCB dated 18-4-2023 that “a small portion of the said project area is overlapping with the demarcated SPA of Paradeep” and considered the proposal as per the OM of MoEFCC dated 31-10-2019 to deal with CPA/SPA. The Committee deliberated the Action plan on the CEPI guidelines and found in order.
7	-	The Project proponent shall submit a study report on Decarbonisation 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.	Some more additional EC conditions are being stipulated by the present EAC (Industry-1 Sector), while considering proposals by considering the global climate change and sustainable development.
8.	-	The PP should prepare and implement a Road map on Circular economy and also align their operations towards achieving the goal of Sustainable Development.	
9.	-	The PP should engage the local communities through their involvement in preparation and implementation of Social Impacts Mitigation Action	This may help the local people for Community Development and livelihood etc.



		Plan (like Community Development Plan/Social Mitigation Plan) to address the social, R&R, livelihood issues of the project-affected families (PAFs) and the population living within 2/5/10 kms of the project.	
10	-	The PP shall adopt and implement the “Green Building” concept during the construction and operational periods to minimise the carbon foot print.	Some more additional EC conditions are being stipulated by the present EAC (Industry-1 Sector), while considering proposals by considering the global climate change and sustainable development and community engagement.
11	-	The PP shall provide access point in every revenue village along the pipeline (from Choudhury Gada ISS to ISP about 25 km of length, passing through multiple villages of Kujang and Ersama Block) route to get water as per requirement.	This may help the local people for getting water supply.

7. Based on the detailed deliberations by the EAC, the Project Proponent has revised the Action Plan on the issues raised during Public hearing along with revised budget from **Rs. 196.05 crore to Rs. 657.05 crore**. The Action Plan along with budgetary provisions is given at **Annexure 1**.

8. 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 Sector) hereby decided to **re-validates the Environmental Clearance of M/s. JSW Utkal Steel Limited dated 11.04.2022** subject to stipulation additional environmental safeguards and mitigation measures including the following modified and additional specific conditions:

**A. Modified specific EC conditions:** The modified EC conditions are as below:

- Specific EC condition no. (xiv.)** 147500 KLD water shall be sourced from ISS at Chaudhurygada, 25 km from the site. (Including the additional water required to provide ferrule water to villages enroute water pipeline 24400 KLD). No Ground water shall be abstracted. The PP, as committed, shall create water harvesting stations at regular intervals along the 25 Km pipe line through which water is drawn from the Chowdhurigada ISS and

make water available to villagers. The PP as committed shall rejuvenate the identified 110 existing community ponds.

2. **Specific EC condition no. (xv).** Treated surplus water from Iron Ore Slurry dewatering plant shall be fully utilized in the Unit.
3. **Specific EC condition no. (xxviii.)** Green belt shall be developed over an area of 34% (383 ha) of plant area inside the plant and on 85 Ha (7% of plant area) outside the plant area on Government land at the cost of the Project Proponent. Tree density of 2500 trees per ha shall be maintained. Necessary arrangements (MOU) shall be made with the State Govt. in this regard within six months. This land shall not be used for any purpose other than green belt by the PP. The selection of species will be in consultation with the State Forest Department, and forestry experts. M/s JSW shall not use this 85 ha. land for any purpose other than green belt.
4. **Specific EC condition no. (xxxii).** 1481 m<sup>3</sup>/h of wastewater shall be generated from the plant and same shall be treated and recycled maintaining ZLD status of the plant

**B. Additional EC specific conditions.**

- i. The PP shall strictly implement the action plan prepared as per MoEF&CC O.M. No. 22-23/2028-IA.III dated 31/10/2019 and MoEF&CC O.M. No. 22-23/2028-IA.III dated 05/07/2022. Stringent measures shall be undertaken as per the submitted action plan to minimise the Air emissions. All conditions stipulated in the “Action Plan for abatement of pollution in industrial areas of Paradeep, prepared by OSPCB in July 2020 to bring down the CEPI score” shall be also strictly complied and implemented by the PP. Compliance Report shall be submitted to IRO, MoEFCC.
- ii. The Project proponent shall submit a study report on Decarbonisation 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.
- iii. The PP should prepare and implement a Road map on Circular economy and also align their operations towards achieving the goal of Sustainable Development.
- iv. The PP should engage the local communities through their involvement in preparation and implementation of Social Impacts Mitigation Action Plan (like Community Development Plan/Social Mitigation Plan) to address the social, R&R, livelihood issues of the project-affected families (PAFs) and the population living within 2/5/10 kms of the project.
- v. The PP shall adopt and implement the “Green Building” concept during the construction and operational periods to minimise the carbon foot print.
- vi. The PP shall provide access point in every revenue village along the pipeline (from Choudhury Gada ISS to ISP about 25 km of length, passing through multiple villages of Kujang and Ersama Block) route to get water as per requirement.

9. All other conditions stipulated in the environmental clearance letter no. J-11011/524/2017-IA.II (I) dated 11.04.2022 shall remain the same.

10. The Ministry reserves the right to stipulate additional conditions if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

11. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

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

(Dr. R. B. Lal)

Scientist 'F'/ Director

Tel: 011-20819346

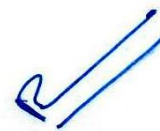
Email-rb.lal@nic.in

**Encl. as above at Annexure –I**

**Copy to:-**

1. The Principal Secretary, Department of Forest and Environment, Government of Odisha, Bhubaneswar, Odisha
2. Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi
3. Principal Chief Conservator of Forests & HoFF, Aranya Bhawan, Chandrasekharpur, Bhubaneswar - 751 023, Odisha
4. The Regional Officer, Ministry of Environment, Forest And Climate Change, Integrated Regional Office, A/3, Chandrasekharpur, Bhubaneswar – 751023 ODISHA
5. The Member Secretary, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi – 32
6. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
7. The Member Secretary, Odisha State Pollution Control Board, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit - VIII, Bhubaneswar -12 Odisha.

8. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
9. Member Secretray IA Infra-1 Sector, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
10. District Collector, Jagatsinghpur District r, Odisha.
11. Guard File/Monitoring File/ Parivesh Portal /Record File/Parivesh portal



**(Dr. R. B. Lal)**

**Scientist 'F'/ Director**

Tel: 011-20819346

Email-rb.lal@nic.in





**Additional Action Plan & Budget Under PH action plan activity: Action plan as per MoEF&CC O.M. dated 30/09/2020 (This is in addition to the amount of Rs. 196.05 Cr have been earmarked to address the issues raised during public hearing. In EC dated 11/04/2022)**

<b>Project Description</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>	<b>Year 7</b>	<b>Budget (In Rs. Crores)</b>
<b>VILLAGE ADOPTION PROGRAM</b>								
Adoption of Villages to develop them as Model smart villages	Adoption of 10 Villages within 0-2 Km radius of project site. (Dhinkia, Gobindpur, Garakujanga, Noliasahi, Polanga, Bhuinyapal, Nuagan, Bayanalkandha, Panigadikandha, Balitutha.)			Adoption of 6 Villages within 0-2 Km radius of project site (Abhaychandpur, Trilochanpur, Banapatakandha, Kokakhand, Kankardia, Nuaratanpur)				16.00
<b>RURAL COMMUNITY INFRASTRUCTURE</b>								
Peripheral road for the villages near project site			Building 15 KM peripheral 2 Lane concrete road starting from Village Bhyuanpal, through Polanga, Garhkujang, Nuagan, Gobindpur to connecting to Paradip coastal road.					60.00
Street Light/Mini and High mast lighting at Public places including repair & maintenance in villages/towns/markets within 10 Km of		200 street/Hig/minimast light	200 street/Hig/minimast light	200 street/Hig/minimast light	200 street/Hig/minimast light	200 street/Hig/minimast light	200 street/Hig/minimast light	4.00

<b>Project Description</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>	<b>Year 7</b>	<b>Budget (In Rs. Crores)</b>
Project Location								
Street Lights on Paradip-Cuttack Highway	200 Street lights	200 Street lights						2.00
Development of Parks/Recreation Centres/Gyms etc. in		1 Children Park at Garakuja nga	One General Park at Nuagan	1 children Park at Gobindpur	One General Park cum 1 children park/Gym, 1 at Dhinkia	One General Park cum 1 children cum sensory park at Balitutha	One General Park cum 1 children park/Gym at Trilochanpur & Kankardia	5.00
Bus Shelters and Upgradation of Bus Stand with basic facilities		2 Bus shelters at Balitutha & Nuagan	2 Bus shelters at Dhinkia & Trilochanpur	2 Bus shelters at Kankardia, Chatua & Upgradation of Paradip Bus stand	2 Bus shelters at Abhaychandanpur, Mahal, Chhatara	2 Bus shelters at Chakradharpur, Paradip Garh	2 Bus shelters on Chatua-Ersam road	6.00
Model Haat/Market Place/Vending Zone for SHGs/Farmer Market		One vending zone at Patana	One vending zone at Mahal	1 Model haat development at Balitutha	One vending zone at Nuagan	One vending zone at Chatua		2.50
Development of facilities at Village Crematoriums with shed, sitting area, water facility etc. (All villages have separate crematorium for different castes)		1 Crematorium in Nuagan G.P, 3 in Dhinkia G.P & Deployment of 1 Hearse Van	3 Crematorium in Dhinkia G.P	3 Crematorium in Nuagan G.P	3 Crematorium in Garhkuja ng G.P	2 Crematorium in Kankardia village. & Deployment of 1 Hearse Van	2 Crematorium in Nuaratanpur & Balitutha	3.00

Project Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Budget (In Rs. Crores)
Facilities for drivers & helpers				Construction of facilities like parking plaza, Toilet & bathing complex, Cloakroom Fast aid station etc. for Truckers community at a strategic location near the project site.				8.00
HEALTH CARE								
Phase 2 expansion of 200 bedded Hospital.				Phase 2 Expansion of 200 bedded Hospital in collaboration with State Govt. With trauma care and Burn treatment units				130.00
Emergency Ambulance & Mobile Medical Unit Deployment within 10 KM of Project Area	3 Ambulances		1 Ambulance	1 MMU	1 Ambulance	1 Ambulance		4.00
Establishment of a Therapy Centre for Children with Special Needs				1 Therapy Centre at Balitutha with facilities for physiotherapy, Occupational Therapy, Speech Therapy etc. Deployment of Professional Therapists and assistant therapists. Post CER period, operational expenses for the same shall be taken up under CSR of the company..				2.00
Treatment support to Critical Patients from poor families from nearby villages/towns. Post CER period, the same shall be taken up under CSR of the company.		10 Patients	25 Patients	25 Patients	25 Patients	25 Patients	25 Patients	3.00
Veterinary Care facility upgradation/ establishment			Build/Upgrade local veterinary care facility at Patana & Balitutha. Deployment of trained veterinary Doctor & staff. Manpower expenses to be later taken up under CSR.				2.00	
EDUCATION								
Phase 2 Expansion of Public School				Phase 2 expansion of Public school with construction of Hostel for Boys & Girls, Staff quarters, Library, Computer lab, Science Lab, Play-ground, deployment of school Bus etc.				12.00

<b>Project Description</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>	<b>Year 7</b>	<b>Budget (In Rs. Crores)</b>
Infrastructure upgradation of Govt. Schools in collaboration with Govt. of Odisha's Mo-School Abhiyan				Infra upgradation of Govt. 3 Govt. schools. Kunja Bihari High School, Nuagan U.P. School, Polanga U.P. School	Infra upgradation of Govt. 2 Govt. schools. Nuagan Primary School, Balitutha U.P. School	Infra upgradation of Govt. 2 Govt. schools. Trilochanpur U.P. School, Nuaratanpur U.P. School,	Infra upgradation of Govt. 2 Govt. schools. Chatua U.P. School, Kankardia U.P. School	4.50
Transformation of Anganwadis in villages within 10-15 KM of project area	20 Model Anganwadis	50 Model Anganwadis	50 Model Anganwadis	50 Model Anganwadis				4.50
STEM/Robotic Lab/Science Exhibition/Computer learning facility etc.	2 Labs establishment in K.B. High School, Nuagan & Garhkujan High School	2 Labs establishment in Dhinkia High School & Balitutha High School	2 Labs establishment in Bamdeipur High School, Kunjakoti High School	2 Labs establishment in Badagabapur High School, Chatua High School	2 Labs establishment in Paradip College, Erasama College			2.00
Teacher Training/ Special Education Cell etc. in schools upto Block/District level	100 Teacher training	100 Teacher training	100 Teacher training	100 Teacher training	200 Teacher training	200 Teacher training	200 Teacher training	2.00
Extra curricular training/ Competitive coaching etc. for students from villages within 10 KM of project area	Coaching for 100 selected students/ Aspirants	Coaching for 100 selected students/ Aspirants	Coaching for 100 selected students/ Aspirants	Coaching for 100 selected students/ Aspirants	Coaching for 100 selected students/ Aspirants	Coaching for 150 selected students/ Aspirants	Coaching for 150 selected students/ Aspirants	3.00
Subject Expert Teacher Support to local Govt.		20 Teachers to be provided to Local Govt. Schools in phased manner for subjects like Science, Mathematics, English etc. The same shall be taken up under CSR post CER period.						3.00



Project Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Budget (In Rs. Crores)
Schools with inadequate staff within 5 KM of project area								
WATER								
Rejuvenation of Ponds & Water bodies / Creating new ones with ground water recharge, bund, plantation, steps, street light etc.		Pond rejuvenation village wise - Dhinkia - 8, Patana-1, Gobindpur-7, Trilochanpur- 5	Pond rejuvenation village wise - Nuagan-20	Pond rejuvenation village wise - Garhkujan g-15, Noliasahi-3, Polanga-3	Pond rejuvenation village wise - Abhaychandpur -6, Nuagan -2, Bayanalkandha -3, Panigadia kandha-1, Kankardi a -2, Bamdeipur-4	Pond rejuvenation village wise - Balitutha -8, Bijipur-8, Badagabapur-3, Badabuda -1	Pond rejuvenation village wise - Kunjakothe-3, Khuranta-5, Bhuyannpal-2	15.00
SANITATION								
Mechanised vehicle for garbage lifting and transportation & Establishment of solid waste processing unit				Additional waste collection vehicle deployment, Establishing village level segregation centres in Dhinkia, Garhkujan, Nuagan G.P.s. One central solid waste processing unit in one of the above three G.Ps based on feasibility.				5.00
Development of Public Toilets/Women Exclusive Toilets in villages within 10 KM and/or nearby town/market place etc.	2 Public/Women Exclusive Toilets to be constructed in Garhkujan g & Nuagan	2 Public/Women Exclusive Toilets to be constructed in Balitutha & Trilochanpur	2 Public/Women Exclusive Toilets to be constructed in Patapur & Balia	2 Public/Women Exclusive Toilets to be constructed in Chatua & Erasama	2 Public/Women Exclusive Toilets to be constructed in Kankardi a & Kunjakot hi	2 Public/Women Exclusive Toilets to be constructed in Paradip & Garh & Taladanda		3.50
Waste to Wealth Enterprise			1 enterprise Garhkujan G.P with training, infrastructure and equipment to convert plastic, rubber, metal and other waste to creative daily use products.					1.00
ENVIRONMENT & BIO DIVERSITY								

Project Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Budget (In Rs. Crores)
Mangrove Forest Conservation in collaboration with Govt. in coastal Odisha		Rs. 50 lakh contribution	Rs. 50 lakh contribution	Rs. 50 lakh contribution	Rs. 50 lakh contribution			2.00
Bio diversity park/ Aqua museum in village within 5 Km of project area and/or nearby town				1 Bio diversity park		1 Aqua museum		8.00
Carry out plantation and afforestation programs in peripheral villages within 0-5 Km and or road side.	Plantation & maintenance of 4 lakh trees in villages within 0-5 KM from project site							38.00
SKILL DEVELOPMENT								
Skill Development of Youth (Male & Female) from villages within 0-2 Km of project area in Industry oriented skills				600 youth	600 youth	400 youth	400 youth	6.00
Providing training to Mission Shakti SHG members from villages within 2 Km of project area				500 SHG members in Enterprise skills, product skills, e-commerce marketing skills etc.	500 SHG members in Enterprise skills, product skills, e-commerce marketing skills etc.	500 SHG members in Enterprise skills, product skills, e-commerce marketing skills etc.	500 SHG members in Enterprise skills, product skills, e-commerce marketing skills etc.	2.00

<b>Project Description</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>	<b>Year 7</b>	<b>Budget (In Rs. Crores)</b>
Entrepreneurship Development Program & Seed fund for Entrepreneurs from villages within 2 Km of project area			50 Youth to be trained in Entrepreneurship Development	50 Youth to be trained in Entrepreneurship Development	50 Youth to be trained in Entrepreneurship Development	50 Youth to be trained in Entrepreneurship Development	50 Youth to be trained in Entrepreneurship Development	2.00
<b>PROMOTION OF SPORTS</b>								
Mini stadium/ Indoor gaming facility development				One Mini stadium/Indoor game facility at Nuagan	One Mini stadium/Indoor game facility at Garhkuja ng	One Mini stadium/Indoor game facility at Balitutha	One Mini stadium/Indoor game facility at Kankardia	1.50
Coaching Academy with equipments and coaching staff. Same shall be taken up under CSR post CER period		Volleyball Coaching Academy at Dhinkia			Athletics Coaching Academy at Nuagan			1.50
<b>LIVELIHOOD</b>								
Common Production Centres for SHGs within 2 - 5 Km of project area		One Common Production Centre for Mission Shakti SHGs in Dhinkia G.P	One common production centres for Mission Shakti SHGs in Nuagan G.P	One common production centres for Mission Shakti SHGs in Garhkuja ng G.P	One common production centres for Mission Shakti SHGs in Balitutha G.P'	One common production centres for Mission Shakti SHGs in Bamdeipur G.P	One Common Production Centre for Mission Shakti SHGs in Kunkoth G.P	2.00
Establishing a Mission Shakti - Women Enterprise Centre of Excellence				One CoE building/facility for Mission Shakti Women Enterprise with equipped facilities to train women entrepreneurs in various small businesses and provide them co-				5.00

Project Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Budget (In Rs. Crores)
				working/ co manufacturing space for products like Food processing, textile, crafts, spices, LED bulb, sanitary pads, furniture etc. at a strategic location in adopted villages in collaboration with State Govt. department of Mission Shakti.				
Betel Cluster Development in villages within 2 Km of project area with focus on direct project affected families				3 betel Cluster Development in Dhinkia, Nuagan & Garhkujan G.P.				10.00
Provision of Electric Vehicles (Three wheeler) to Mission Shakti SHGs for livelihood promotion (Passenger/Goods). 2 Evs per village in 16 adopted villages.	4 Evs to be given women SHGs	4 Evs to be given women SHGs	4 Evs to be given women SHGs	4 Evs to be given women SHGs	4 Evs to be given women SHGs	6 Evs to be given women SHGs	6 Evs to be given women SHGs	1.50
<b>PROMOTION OF CULTURE &amp; TOURISM</b>								
Development of Places of worship with public amenities				Infra upgradation of Gundicha Temple, Garhkujan G	Infra upgradation of Phulakhai Temple, Dhinkia	Infra upgradation of Mangala Temple, Gobindpur	Infra upgradation of Mahaveer Ashram, Nuagan	3.00
Revival of Bhagabat Tungis / Similar cultural centres				Revival of 2 Bhagabat Tungis in Dhinkia G.P	Revival of 2 Bhagabat Tungis in Nuagan G.P	Revival of 2 Bhagabat Tungis in Garhkujan G.P	Revival of 2 Bhagabat Tungis in balitutha G.P	1.00
Promotion of Eco-tourism		Promotion of eco-tourism at Silali/Paradip sea beaches. That includes need based development of tourist facilities.						2.00



Project Description	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Budget (In Rs. Crores)
Music/Dance Academy/ Art Centre and Instrument support to local groups within 2 Km of project area						Establishment of Art Centre with Music & dance etc. training and performing facility with Auditorium at a strategic location in one of the adopted village.		2.50
AGRICULTURE								
Mini- Krushi Vigyan Kendra/ Advance Agriculture Centre within 2-5 Km of project area			Mini Krushi Vigyan Kendra establishment & Operational expenses at a strategic location in one of the adopted village.					12.00
Establishment of small Cold storage				2 small solar-hybrid Cold storages of 20-30 ton in Balitutha G.P and Nuagan G.P	1 small solar-hybrid Cold storage of 20-30 ton in Garhkuja ng G.P	1 small solar-hybrid Cold storage of 20-30 ton in Balitutha G.P	2 small solar-hybrid Cold storages of 20-30 ton in Dhinki a G.P and Bamde ipur G.P	3.00
Assistance to farmers in Dairy farming/ poultry/Organic farming /Farm mechanisation etc. within 2 -5 Km of project area		200 Farmers	200 Farmers	200 Farmers	200 Farmers	200 Farmers	200 Farmers	4.00
Channel for irrigation and to clear water logging as well as to stop saline water ingress to agriculture fields.			Construction of a channel/drain & check dam(s) to clear water logging from the village & fields during monsoon and to stop saline water ingress into fields during storm.					22.00
OLD AGE/DESTITUTE CARE								

<b>Project Description</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Year 6</b>	<b>Year 7</b>	<b>Budget (In Rs. Crores)</b>
Establishment of Old Age/Destitute care home within 5 Km of project area			1 Old age/ Destitute persons	Home with capacity for 200				3.00
Facilitating Government schemes for people from economically weaker sections from adopted villages		10000 Govt. scheme benefits to be facilitated.	10000 Govt. scheme benefits to be facilitated.	10000 Govt. scheme benefits to be facilitated.	10000 Govt. scheme benefits to be facilitated.	10000 Govt. scheme benefits to be facilitated.		1.00
<b>UNFORESEEN MISCELLANEOUS ACTIVITIES</b>								
Budget provision for unforeseen needs of the peripheral villages	Budget provision for unforeseen activities in adopted villages							10.00
<b>Total</b>								<b>446.00</b>
<b>PROJECT EXECUTION</b>								
Project Execution Expenses.	Project Execution Expenses, that covers human resources, consultants, design, Monitoring & supervision, documentation, reporting etc. for the CER projects.							15.00
<b>GRAND TOTAL</b>								<b>461.00</b>

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