

(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Date. 31.05.2021

Letter No. RSCL / 3338/ 2021

To,

The Director, Regional Office of MoEF&CC, Bhubaneswar

The Member Secretary, SEIAA, Bhubaneswar

The Member Secretary, SPCB, Bhubaneswar

The Regional officer, SPCB, Rourkela

Sub: Submission of Six-monthly Compliance reports for the projects "Construction

of rOURkela One (Command Control Centre and Convention Hall,

Auditorium & Tribal Museum)" and

SEIAA office letter no. 199/SEIAA, dated 27.01.2021 Ref:

Sir,

With reference to the subject cited above, please find enclosed herewith the Six-monthly Compliance reports of the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)"under the Smart City Mission Plan of Rourkela Smart City Limited near hockey chowk at Rourkela.

This is for favour of your kind information and necessary action.

Yours Faithfully,

Chief Executive Officer

Rourkela Smart City Limited

Rourkela

Sl. No.	EC Conditions	Compliance
	al Conditions of Clearance: -	01:1 04:45
1.	These stipulations would be enforced among others under the provisions of the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act 1981. The Environment (Protection) Act, 1986, the Public Liability (Insurance) Act, 1991 and the EIA Notification, 2006.Consent to Establish / Operate for the project shall be obtained from the State	Consent to Establish is obtained from Odisha State Pollution Control Board under Air & Water Act vide consent order no. 5905/IND-II-CTE-6489, dated 08.04.2021 Copy of CTE Granted is enclosed as Appendix – I.
2.	Pollution Control Board. The project proponent shall ensure that the guidelines for building and	Noted and being complied.
	construction projects issued vide this Ministry's OM NO.19-2/2013-IA.III dated 9th June 2015, are to be followed to ensure sustainable environmental management.	Indian Joseph Francisco Indianale
3.	The approval of the Competent Authority shall be obtained in regard to structural safety of buildings against earthquakes, adequacy of fire fighting equipment as per National Building Code including protection measures from lightening.	vetted by III Roorkee. Flease Telei Appendix 12
4.	The project proponent shall obtain all necessary clearance/Permission from all concerned agencies including Rourkela Municipal Corporation (RMC) before commencement of work.	
5.	Provisions shall be made for the housing of construction labou within the site with all necessary infrastructure and facilities such a fuel for cooking, mobile toilets mobile STP, safe drinking water medical health care, crèche etc The housing may be in the form of temporary structures which shall be removed after the completion of	water is being provided. Temporary wash area have been constructed for labourers and good hygienic conditions are being maintained. Construction labours at site. Conventions sanitation facilities have also been constructed an have been connected to mobile septic tanks, which

	the project.	site.
6.	A First Aid Room in the project	First Aid room is provided at the project site
	both during construction and	
	operations project.	50 July 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
7.	The Company shall draw up and	Not applicable
, .	implement corporate social	The approach
	Responsibility plan as per the	\$1,000 () () () () () () () () ()
		1900 Discours of the Property
0	Company's Act of 2013.	N . 1 11
8.	As per the MoEF&CC, Govt. of	Not applicable
	India Office Memorandum	And the selection of the selection of the
	F.No.22-65/2017-IA.III dated 1st	CARROLL WHAT SO BOOK
	May 2018, the project proponent is	
	required to prepare and implement	the phonone is black to proper the second
	Corporate Environment	LIGHTON ON THE PROPERTY OF THE PARTY.
	Responsibility (CER) Plan. As per	
	para 6(II) of the said O.M.	The second of th
	appropriate funds shall be	
	earmarked for the activities such	
	as infrastructure creation for	
	drinking water supply, sanitation,	A compared to the second of th
	health, education, skill	
		The Part of the State of the Leaner St. Appli
	development, roads, cross drains,	
	electrification including solar	Coffingenerally and reprises the
	power, solid waste management	MENT TO SEE THE PROPERTY OF THE
	facilities, scientific support, and	office has productly be there against a
	awareness to local farmers to	
*	increase yield of crop and fodder,	art little god the secretarian contact files
	rainwater harvesting, soil moisture	
	conservation works, avenue	Carolink many or toward and
	plantation, plantation in	
	community areas etc. The	
	activities proposed under CER	and an art and are a little statement.
	shall be restricted to the affected	
	area around the project. The entire	see, present per special matual (4), it is
	activities proposed under the CER	* # ROLANTO ME STREET, CORRESPONDED
	shall be treated as project and shall	AMERICAN ASSESSMENT OF THE PROPERTY
	be monitored. The monitoring	Patient' rachaet metulat
		- 1000arl (1000) replacement
	report shall be submitted to the	January 11 State of Company of the C
	regional office as a part of half	mil mis toll alson and Mark reministration
	yearly compliance report, and to	GVQ \$0000f endowntakes to shipped
	the District Collector. It should be	TOWN TOWNSHIP OF HEAT SAID BAT BLAND
	posted on the website of the	TAR I AN ORDER VALUE AND ALL A
344	project proponent.	THE PERSON NAMED IN COLUMN TO STREET AND ADDRESS OF THE PERSON NAMED I
9.	A copy of Environmental	Complied.
	Clearance letter shall be display on	Copy of EC was submitted to
	the website of the Odisha State	The General Manager, District Industries Centr
	Pollution Control Board. The EC	Rourkela,
	letter shall also be displayed at the	The Member Secretary, SPCB, Bhubaneswar,
	Regional office, District Industries	The Tahasildar, Rourkela,
	regional office, District muustries	The ranashuar, Rourkeia,

	Office/Tehsildar's office for 30 V	The Regional Officer, SPCB, Rourkela Vide our letter no 2628/RSCL/2021, 5.02.2021. Please refer Appendix-II	dated
10.	Officials from the Regional Office of MoEF&CC, Bhubaneswar/SPCB, Odisha who could be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project	Noted and agreed	
11.	proponents during their inspection. In the case of any change(s) in the scope of the project, the project would require a fresh appraisal by the SEIAA, Odisha.	Noted and agreed	
12.	The SEIAA, Odisha reserves the	Noted and agreed	
13.	measures subsequently, if found necessary, and to take action including revoking of the environment clearance under the provisions of the Environmental (Protection) Act, 1986, to ensure effective implementation of the suggested safeguard measures in a time bound and satisfactory manner. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department, the Forest Conservation Act,1980 and the Wildlife (Protection) Act,1972 etc. shall be obtained, as applicable by		
14.	respective competent authorities. The project proponent shall	Complied.	
	advertise in at least two local Newspapers widely circulated in the region, one of which shall be in the vernacular language informing that the project has been accorded Environmental Clearance and copies of clearance letters are available with the State Pollution Control Board and may also be seen on the website of the SEIAA	Newspaper New Indian Express English Dharitri Copy of the advertisement was submitted SEIAA/MoEF&CC, Regional Office, Bhubaneswar/ vide our letter RSCL/287	7/2021

	Odisha. The advertisement shall be made within Seven days from the date of receipt of the Clearance letter and a copy of the same shall be forwarded to the Regional	
	Office of MoEF&CC, Bhubaneswar.	
15.	A copy of the clearance letter shall be sent to concerned Panchayat, Zilla Parisad / Municipal	Ssuggestions/ representations were not received while processing the proposal.
	Corporation, Urban Local Body, and the Local NGO, if any, from whom suggestions/representations, if any, were	
я	received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	
16.	The project proponent shall submit/upload six monthly reports on the status of compliance of the stipulated Environmental Clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall	The compliance of stipulated Environmental Conditions will be uploaded in the RMC site. The criteria pollutant levels are display at the project site. Incremental pollution loads on the ambient air quality is being closely monitored and monitoring test reports are enclosed as Appendix- IV
	simultaneously be sent to the Regional Office of MoEF&CC, Govt. of India, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, SPM, RSPM, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the	
	project shall be monitored and displayed at a convenient location near the main gate of the project sites in the public domain.	
17.	The environmental statement for each financial year ending 31st	Complied. Copy of Form V was submitted to the office of
	March in Form-V as is mandated to be submitted by the project proponent to the concerned State	The Member secretary, SPCB, Bhubaneswar, The Regional Officer, SPCB, Rourkela and e-mail To The Director, Regional Office of MoEF&CC,
	Pollution Control Board as prescribed under the Environment	Bhubaneswar vide our letter no RSCL/3044/2021, dated 12.04.2021. Please refer Appendix-V
	(Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the	State of a visit of the state o

	THOU WHO CAME,	ED careful and the second seco
	company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MoEF&CC, Govt. of India by e-mail.	Total of spinores of Hede Ancost Dos Difference of Hede Ancost Project Parish National ANGO Parish Parish National Parish Parish National Parish Parish National Parish Nation
g .c	Govt. of findia by e-mail.	reversi i supremer poin lestria entesterasi i
	Conditions:	
(A)	Natural Drainage	Noted
18.	The natural drain system shall not be tampered with. No construction shall be taken up which may obstruct the natural natural drainage through the site. Check dams and other Sustainable Urban Drainage Systems (SUDS) are allowed for maintaining the	Noted
	drainage pattern and to harvest	to the comment of the first property of
	rainwater.	Taken (al) (a.b), methylo, end (
19.	The permission from competent authority will be obtained to discharge the excess storm water to drain if any.	Noted. Please refer to the request letter to RMC for permission to discharge the excess storm water to drainis attached in Appendix-VI
(B)	Water Budget and Rainwater Har	vesting
20.	No ground water shall be extracted for the project work at any stage during the construction phase without obtaining the permission from the Water Resources Department, Govt. of Odisha/CGWB.	Noted.
21.	For meeting the freshwater requirement up to maximum 84 KLD from ground water source necessary prior permission has to be obtained from the Water Resources Department, Govt. OF Odisha/CGWB, failing which no ground water is allowed to be tapped.	Affine the states of the second get their second se
22.	A certificate shall be obtained from the local body supplying water to this project, separately for ground water and surface water sources to ensure that there is no impact on other users of the locality.	PHED vide letter no. 1004, dated 07.02.2020 Copy of permission from PHED for supply of water is enclosed as Appendix – VII.
23.	The freshwater usage, water recycling and rainwater harvesting shall be measured to monitor the water balance as projected. The	and the second s

	record shall be submitted to the Regional Office, MoEF&CC and	
	SEIAA, Odisha along with six monthly Monitoring reports.	
24.	Installation of dual pipe plumbing for supplying fresh water for drinking, cooking, and bathing etc. and other for supply of recycled water for flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.	Provision of dual plumbing is made for the project.
25.	Use of water saving devices/ fixtures (viz. low flow flushing systems; use of low flow faucets tap aerators etc.) for water	Noted. The necessary devices shall be utilized for efficient water usage.
	conservation shall be incorporated in the building plan.	from the free court and a sequence of the first
26.	Water demand during construction should be reduced by use of premixed concrete, curing agents and other best practices referred.	Water demand during construction is reduced by use of pre-mixed concrete, curing agents and other best practices
27.	Any ground water abstraction shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or	Not required as Permission from supply of water is obtained from PHED vide letter no. 1002, dated 07.02.2020 Copy of permission from PHED for supply of water is enclosed as Appendix – VII.
	dewatering. The proponent shall also obtain permission from Water Resources Department, Govt. of Odisha for drawal of ground water.	Town the second of the second
28.	A complete plan for rainwater harvesting at the proposed site shall be drawn up and implemented. Roof top rain harvesting shall be adopted for the proposed Buildings. The complete rainwater harvesting plan shall be	Rainwater harvesting for roof runoff and surface runoff shall be implemented as per the proposa submitted and proper maintenance will be provided for all RWH pits. The Rainwate harvesting plan is attached. Please refer Appendix VIII
	submitted to SEIAA within one month from this date. The proposal shall implement rainwater harvesting pits/structure for artificial ground water recharge and shall be installed as per CGWB guidelines.	town makes are into a few makes the prompt of the second o
(C)	Solid Waste	, .

	(Management) Rules, 2016, E-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.	properly collected, segregated, and disposed on regular frequency.
30.	Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.	Disposal of muck including excavated material during construction phase is not creating any adverse effects on the neighbouring communities. Necessary precautions for general safety and health aspects of neighbouring communities are being taken care of.
31.	Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste shall be segregated into wet garbage and inert materials. Wet garbage shall be composted in Organic Waste Converter. Adequate area shall be provided for solid waste management within the premises which will include area for segregation, composting.	The separate wet & dry bin has been proposed and the cost for the same has been considered in the cost estimates. All the collected waste shall be handover to Rourkela Municipal Corporation's Solid Waste dept. for managing & treating the waste.
	The inert waste from the project will be sent to dumping site.	TIME that the control of the control
32.	A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the solid waste generated from project shall be obtained.	Noted and please refer to the request letter to RMC for permission to discharge the excess storm water to drainAppendix-IX
(D)	Sewage Treatment Plant	er las saute acatemas vietames
33.	In house STP of 80KLD capacity shall be installed before start of the operation phase of the building. Treatment of 100% grey water by decentralized treatment should be done. Treated wastewater from STP of 80 KLD capacity shall be recycled /reused to the maximum extent possible. Discharge of	Complex.
	unused treated wastewater shall conform to the norms and standards of the Odisha State Pollution Control Board.	Company of Character to the Company of the Company

	Necessary measures should be taken to mitigate the odour problem from STP. The sewage treatment plant shall be made functional before the completion	September of the second
	of Building Complex.	principal distriction of the state of the parties
34.	Excess treated water shall be discharged to the drain only after getting the permission from the concerned authority. The proponent shall renovate the existing drain to accommodate the discharge and maintain it perennially. To this effect the proponent has to give a legal affidavit before going for construction activity.	Noted and please refer to the request letter to RMC for permission to discharge the excess storm water to drain Appendix-IX. The existing drain is renovated to accommodate the discharge and ensured to maintain in perennially. Photographs of renovation of existing drain are attached in Appendix-X.
35.	Separate large recharge pits shall be constructed inside the project area to accommodate the rainwater in case the housing project period and the CDP of the Govt. does not synchronize with reference to construction of road and drain.	Not applicable as the project is not Housing project. However, provision of recharge pits is there for ground water recharge.
36.	The installation of the Sewage Treatment Plant (STP) shall be certified by an independent expert and a report in this regard shall be	STP will be certified by an independent expert and a report in this regard will be submitted to the SEIAA, Odisha before the project is commissioned for operation.
	submitted to the SEIAA, Odisha before the project is commissioned for operation. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problem from STP.	odour problem from STP.
37.	Approval of the competent authority shall be obtained for discharging treated effluent/untreated effluents into the public sewer/disposal /drainage systems along with the final disposal points for each.	ed Macata inverses backgrown
38.	No sewage or untreated effluent water would be discharged through storm water drains.	kna soman est co analino
39.	The sewerage disposal system of the project shall be kept in proper	

0.000	working condition at all times.	
40.	Sludge from the onsite sewage treatment, including septic tanks, shall be collected, conveyed, and disposed as per the Ministry of Urban Development, Central	The sludge generated from STP shall be utilized as manure in green belt development area and gardens inside the premises.
\$40 (0.12)	Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.	And the second of the second o
(E)	Energy Conservation	
41.	Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured. All buildings shall comply with the State ECBC. Outdoor and common area lighting shall be LED. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof uvalues shall be as per ECBC specifications.	Noted. Energy conservation measures are adopted starting from the operation phase to commissioning.
42.	Energy conservation measures like installation of CFLs / LED for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning. Used CFLs, TFL and LED shall be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.	Energy conservation measures are adopted and the project is planned to achieve GRIHA IV rating.
43.	As proposed, solar energy shall be installed to meet electricity generation equivalent to 5% of the demand load or as per the state level/ local building bye-law's	Noted. Use of solar panels shall be considered to the maximum extent possible.

	magning and a did to the did	
	requirement, whichever is higher	
	Requirement of ECBC 2017 shall	
	have to be followed and	[대통하다 [17] [18] [18] [18] [18] [18] [18] [18] [18
	compliance report thereon be	La resolutión substant en Senare 3. I
4.4	furnished.	4. Janeses Ct
44.	Solar power shall be used for	Noted and being taken care of after completion
	lighting in the apartment to reduce	construction work.
	the power load on grid. Separate	
	electric meter shall be installed for	
	solar power. Solar water heating	THE STATE OF THE S
	shall be provided to meet 20% of	
	the hot water demand of the	
	commercial and institutional	Married States and Albert Spendight Light
	building or as per the requirement	
	of the local building bye-laws,	PROPERTY OF BEREING TO BEET AND THE SERVICE OF THE
	whichever is higher. Residential	. The Adversar of Made years of A
	buildings are also recommended to	care are diplos flets replicied?
	meet its hot water demand from	
	solar water heaters, as far as	
	possible.	The artist to become the control
15.	Use of environment friendly	Noted and Fly ash bridge AAC 1.6
	materials like bricks, blocks and	, and the second section in the section in the second section in the section in the second section in the sect
	other construction materials, shall	nearby areas, are being used as building material.
	be required for at least 20% of the	The eller programment reservations
, a	construction material quantity.	i Kamanga wada ni wakisii
	These include Fly Ash bricks,	To the top of a consequent parameter many
	hollow bricks, AACs, Fly Ash	The state of the interest from more state.
	Lime Gypsum blocks, compressed	a 150 for sale as house, grand and
	earth blocks, and other	to a transfer of the country of the
	environment friendly materials.	The fit has an ed have amount
	Fly ash should be used as building	2 00 100 100 100 100 100
	Fly ash should be used as building	TOTAL STREET,
	material in the construction as per the provision of Fly Ash	The review of the Control of the Con
	1	1 Did Sidding to see the considered
	Notification of September 1999	The man hard and advanta and the
	and amended as on 27th August	The first through the statement to the same of
	2003 and 25th January 2016.	
	Ready mixed concrete must be	
6.	used in building construction.	
0.	A certificate of adequacy of	Noted and please refer to the request letter to
	available power from the agency	WESCO, Rourkela for permission to supply powe
	supplying power to the project	is attached in Appendix-XI
	along with the load allowed for the	
77)	project shall be submitted.	The state of the s
7)	Air Quality Management and Nois	e Management
7.	Construction site shall be	Construction site has been adequately barricaded
	adequately barricaded before the	and all the pollution prevention measures have
	construction begins. Dust, smoke	been implemented to prevent dust pollution.
	& other air pollution prevention	The same political.
	measures shall be provided for the	

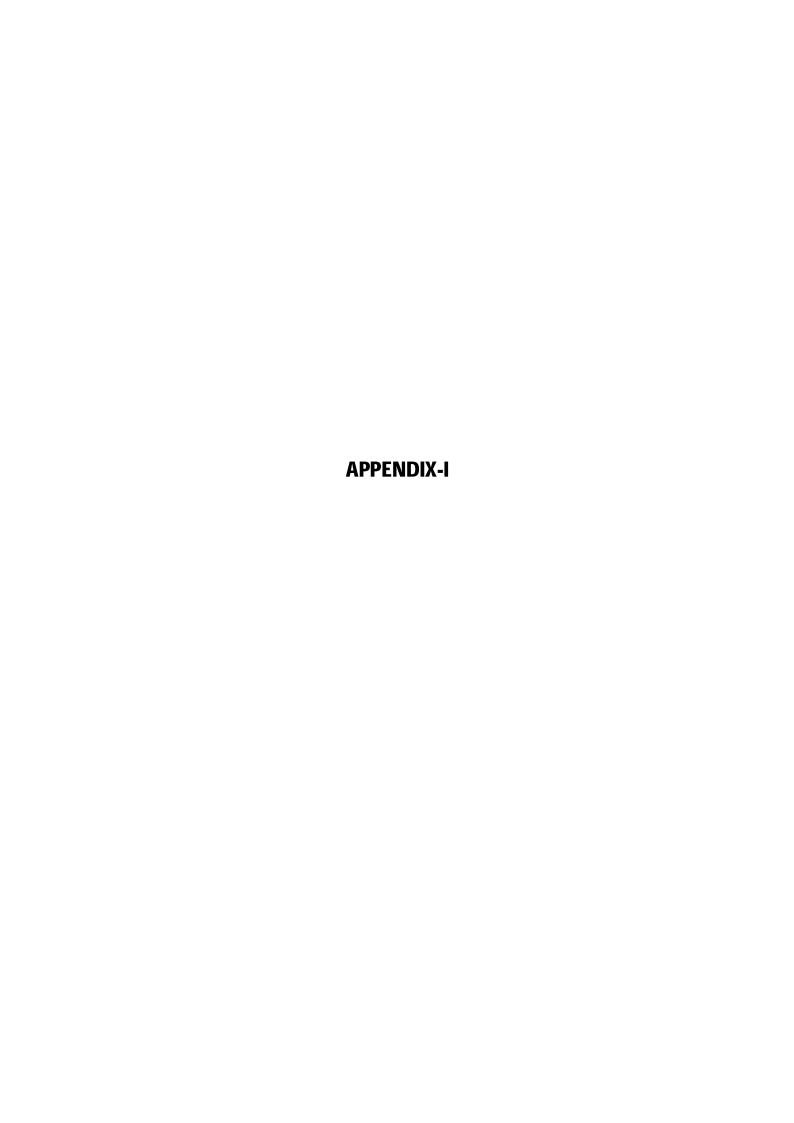
measures shall include screens for the building under construction, continuous dust/ wind breaking walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust.			Francisco de la companya del companya del companya de la companya
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walls all around the site (at least 3-meter height). Plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, murram and other construction materials prone to causing dust pollution at the site as well as taking out debris from the site. Sand, murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution. Wet jet shall be provided for grinding and stone cutting. Unpaved surfaces and loose soil shall be adequately sprinkled with water to suppress dust. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction wastes shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016. All workers working at the construction material and construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask 49. Notification GSR 94(E) dated 25.01.2018 of MoEF&CC regarding Mandatory Implementation of Dust Mitigation Measures for Construction and Demolition Activities for projects requiring Environmental Clearance shall be dispersed through adequate stack height as per CPCB with a country and adequate stack height as per CPCB with a country and adequate stack height as per CPCB with a country and adequate stack height as per CPCB with a country and adequate stack height as per CPCB with a country and adequate stack height as per CPCB.		continuous dust/ wind breaking	
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The gaseous emissions from DG set shall be dispersed through adequate stack height as per CPCB adequate stack height as per CPCB. A coustically enclosed D.G sets will be instant with acoustical enclosures and adequate stack height has been provided at the project site which will be instant and adequate stack height as per CPCB.		Clearance shall be complied with.	
set shall be dispersed through adequate stack height as per CPCB with acoustical enclosures and adequate stack height as per CPCB height has been provided at the project site which with acoustical enclosures and adequate stack height as per CPCB.	50.	The gaseous emissions from DG	Acoustically enclosed D.G Sets will be installed
adequate stack height as per CPCB height has been provided at the project site while		set shall be dispersed through	with acoustical enclosures and adequate stage
	Introd	adequate stack height as per CPCB	height has been provided at the project site which
Distributed Free was to the second self and th		standards Acoustic enclosure shall	
		Didition 11000000 Silvinos Silvinos	The second secon

	be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set, and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.	prescribed for air & noise emissions standards.
51.	For indoor air quality the ventilation provisions as per National Building Code of India shall be provided.	Noted and will be implemented
52.	Ambient noise levels shall be limited to 55 dBA during day and 45 dBA during night within the residential area. Incremental pollution loads on the ambient air and noise quality shall be closely monitored during construction phase. Adequate measures shall be made	To reduce noise level, movement of construction vehicles is carried out during non-peak hours and construction machinery with lesser noise and vibration parameters shall be used. Dust suppression, proper vehicle maintenance, etc to ensure control of dust and noise. Noise monitoring is being closely monitored and monitoring test reports are enclosed as Appendix-IV
Ala ad Ingala	to reduce ambient air and noise level made during construction phase, so as to the stipulated	and somethings have write entered first the state of the
,m	standards by CPCB / SPCB.	Like 2 - 1 Senfed off-total recommings in the
(G)	Green Cover	Noted and will be done in due course of time.
53.	Green belt & avenue plantation of trees over the area of 11483.1m²(22.21% of the net plot area) shall be done using native tree species/shrubs improving greenery & keeping in view aesthetics conditions in the whole complex. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Professional landscape architects should be engaged to design the green layout to provide for multitier plantation and green fencing all around, mitigation various environmental pollutants like dust, noise, emissions etc. A minimum of 1 tree for every 80m² of land should be planted and maintained.	
54.	Rainwater from open spaces shall be collected and reused for landscaping and other purposes. Roof top rainwater harvesting shall be adopted for the proposed	Rainwater harvesting for roof runoff and surface runoff shall be implemented. Please refer to rainwater harvesting proposal in Appendix -VIII

	Iribal Museum) of Routketa Si	
	Buildings. Rainwater harvesting at	
	the proposed site shall be	
	implemented. Before recharging	
	harvesting run-off, pre-treatment	
	must be done to remove suspended	
	matter, oil, and grease.	The second secon
(H)	Topsoil Preservation and Reuse	Topsoil excavated during construction is being
55.	Topsoil should be stripped to a	stockpiled in designated areas within the premises
	depth of 20 cm from the areas	of the project site and will used for landscape
	proposed for buildings, roads,	development and plantation
151 153	paved areas, and external services.	development and plantation
	It should be stockpiled	
ese li	appropriately in designated areas	
	and reapplied during plantation of	
	the proposed vegetation on site.	
(I)	Traffic & Transportation	N 1
56.	Comprehensive mobility plan, as	Noted and will be prepared
	per Ministry of Urban	
	Development best practices	
	guidelines (URDPFI), shall be	executive and a second residual desirated
	prepared to include motorized,	The property of the state of the property of the state of
	non-motorized, public, and private	
	networks. Road should be	
	designed with due consideration	
	for environment, and safety of	where the man a company of their informer? The
	users. The road system can be	
	designed with these basic criteria.	the same and the s
	 Hierarchy of roads with 	
	proper segregation of	
	vehicular and pedestrian	region, in participation on service uniquipate \$44. 1990
	traffic.	select purifying an authorizing health from Apple
-	 Traffic calming measures. 	
	 Proper design of entry and 	Many Table 10.0 Transfer at the state VI 1975
	exit points.	The state of the s
	 Parking norms as per local 	A 14 Sectional Sections and Discharge and Section
to the transfer	regulation	Detailed traffic management and traffic
57.	A detailed traffic management and	Detailed traffic management
3.4	traffic decongestion plan shall be	decongestion plan have been carried and attached
	drawn up to ensure that the current	in Appendix-XII
	level of service of the roads within	Article of the second second second second
	a 01 kms radius of the project is	The season will be the season of
-	maintained and improved upon	
	after the implementation of the	
	project. This plan should be based	
and an ex	on cumulative impact of all	Lay I have a sustained on make Lawler World
13	development and increased	
	habitation being carried out or	· III a j Simpliace is manuncia de ade a de la
	proposed to be carried out by the	Part Princers A Lands Actions
1 110	project or other agencies in this 01	SERVICE REPORTED AND AND AND AND AND AND AND AND AND AN

	Tribal Museum)" of Rourkela Si	
	Kms radius of the site.	" " " " " " " " " " " " " " " " " " "
8.	Vehicles hired for bringing	Vehicles with valid "pollution under Control" certificate are allowed to enter to the site. Vehicles are checked periodically
59.	A dedicated entry/exit and parking shall be provided for commercial activities.	Separate entry and exit point to the project has been provided with 10 (ten) meter wide bituminous road to avoid traffic congestion. Sufficient parking space has been provided inside the premises at the area earmarked for parking.
60.	Barricades shall be provided around project boundary.	The project boundary is properly barricaded.
61.	Speed of the vehicles shall be restricted upto 15 kmph by erecting speed bumps at regular intervals at project site and proper signage shall be provided for guided vehicular movement and speed restrictions.	Speed of the vehicles is restricted upto 15 kmph and proper signage are provided for guided vehicular movement and speed restrictions.
62.	Parking shall be prohibited on the access road to the proposed project site.	The state of the s
63.	Footpath shall be seamless with sufficient width.	
64.	No vehicles shall be allowed to stop and stand in front of the gate on main access.	stop and stand in front of the gate on main access
65.	A buffer of minimum 10 m shall be maintained between the entry/exit gate and the road to	station size
66.	avoid traffic congestion. The Traffic Management Plan prepared by the proponent shall be duly validated and certified by the State Concerned Competen Authority and shall have also their consent before implementation.	and shall have also their consent before timplementation.
(D	Environmental Management Pla	in
(J) 67.	An Environmental Management Plan (EMP) shall be prepared and implemented to ensure compliance with the environmental condition specified above. A dedicate Environment Monitoring Cell with defined functions an	Noted. A copy of EMF is enclosed in Appendix d XIII A dedicated Environment Monitoring Cell with defined functions and responsibility will be put in place to implement the EMP and the letter for the formation of Environment Cell is given in

	responsibility shall be put in place	
	to implement the EMP. The	
	environmental cell shall ensure	
	that the environment infrastructure	
	like Sewage Treatment Plant,	
	Landscaping, Rainwater	
	Harvesting, Energy efficiency and	
	Harvesting, Energy efficiency and	
	conservation, water efficiency and	
	conservation, solid waste	
	management, renewable energy	
	etc. are kept operational and meet	
	the required standards. The	
	environmental cell shall also keep	
	the record of environment	
	monitoring and those related to the	
	environment infrastructure.	
60	The year wise funds earmarked for	The funds earmarked for the environment
68.	The year wise fullus earmarked for	protection measures shall be judiciously utilized
	environmental protection measures	and shall not be diverted for any other purposes.
	shall be kept in separate account	and small not be diverted for any owner purpose
	and should be spent accordingly	
	and not to be diverted for any	
	other purpose. Year-wise progress	1
	of implementation of action plan	
	for EMP and expenditure shall be	
	reported to the SEIAA, Odisha,	
	Regional Office, MoEF&CC,	
	Govt. of India, SPCB,	
	Bhubaneswar along with the half	
	yearly compliance report	
69.	It shall be mandatory for the	Compliance is carried out as per requirement.
09.	project management to submit six	
	project management to submit six	a all the
	(06) monthly compliance reports	
	on post environmental monitoring	
	in respect of the stipulated terms	
	and conditions in this	
	Environmental Clearance to the	1
	State Environment Impact	
	Assessment Authority (SEIAA),	
	Odisha, SPCB & Regional Office	
	of the Ministry of Environmental	
	&Forest, Odisha in hard and soft	w.
	copies on 1 st June and 1 st	p46
	December of each calendar year	
	and the same will be uploaded in	
	the website of the MoEF&CC.	







Tel: 2564033/2563924 EPABX: 2561909/2562847 E-mail: paribesh1@ospcboard.org Web site: www.ospcboard.org

OFFICE OF THE STATE POLLUTION CONTROL BOARD, ODISHA

Parivesh Bhawan, A/118, Nilakantha Nagar, Unit-VIII, Bhubaneswar - 751 012

Through Online/ By Speed Post

No. 5905 /IND-II-CTE- 6489

Date 08-04-2021

CONSENT TO ESTABLISH ORDER

In consideration of the online application no. 3121749 for obtaining Consent to Establish of rOURkela One of M/s Rourkela Smart City Limited, the State Pollution Control Board is pleased to convey its Consent to Establish under Section 25 of Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 for proposed rOURkela One project comprising of Command-and-Control Centre, Auditorium, Convention Hall, Tribal Museum and Open-air Theatre with total built up area of 26956.71 m². meter along with installation of DG sets of capacities 2x625KVA+1x750KVA+ 1x 600KVA for power back with project cost of ₹ 116.76 Crores, over total land area of Ac.8.43 dec, At-Mouza: RTU/41, Tahasil: Rourkela, near Panposh, Hockey Chowk, Rourkela (Plot Nos. & Khata Nos. as mentioned in application form) in the district of Sundargarh with the following conditions:

GENERAL CONDITIONS:

- 1. This Consent to Establish is valid for the construction project as mentioned in the application form and for a period of five years from the date of issue of this letter. If the proponent fails to do substantial physical progress of the project within five years then a renewal of this Consent to Establish shall be sought by the proponent.
- The Project has to apply for grant of Consent to Operate under section 25 / 26 of Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of Air (Prevention & Control of Pollution) Act, 1981 at least 3 (three) months before the occupancy and obtain Consent to Operate from this Board.
- 3. This Consent to Establish is subject to statutory and other clearances from Govt. of Odisha and / or Govt. of India, as and when applicable.

SPECIAL CONDITIONS:

A. GENERAL CONDITIONS:

- 1. The proponent shall carry out construction activity as per Environmental Clearance granted by SEIAA, Odisha vide No. 227/SEIAA, dated 01.02.2021.
- 2. The proponent shall earmark the Greenbelt / Green area, Solid and other waste storage area, STP area etc. as per the approved building plan by putting display board at the time



of construction work of the project to secure such land for environmental point of view without diverting the same for other purpose. Same shall be verified at the time of construction work by Regional Officer and/or Head Office of SPCB. Any violation of this condition shall attract legal action and/or withdrawal of Consent to Establish for the project.

- 3. Single use plastics shall not be used for any short of activity.
- 4. The proponent shall obtain permission from concerned authority for discharge of excess treated water to outside drain / nallah and the same shall be submitted to the Board at the time of application for grant of Consent to Operate.
- 5. The proponent shall submit Six Monthly Progress Report every year (i.e. June and December) of construction activity of the project to the Board (at Head Office and Regional Office) for record and verification.
- 6. The proponent shall obtain permission from Department of Water Resources, Govt. of Odisha for drawl of ground/ surface water.
- 7. The unit shall obtain NOC from CGWA if the unit will use ground water as prerequisite for getting Consent to Operate of State Pollution Control Board, Odisha.
- 8. The proponent shall implement the pollution control measures and safeguards as proposed in the Environment Management Plan (EMP) of Project Report.
- 9. Solar or other Renewable Energy shall be installed to meet electricity generation equivalent to 5% of the demand load.
- 10. A green belt of adequate width and density preferably with local species along the periphery of the project area shall be raised so as to provide protection against particulates and noise. It must be ensured that at least 20% of the total land area shall be under permanent green cover. The proponent shall ensure the maintenance of green belt throughout the year and for all time to come. It is advised that they may engage professionals in this field for creation and maintenance of the green belt. An action plan for this purpose shall be prepared and shall be submitted accordingly.
- 11. Adequate drinking water and sanitary facilities shall be provided for construction workers at the site. Provision shall be made for mobile toilets. The safe disposal of wastewater and solid wastes generated during the construction phase shall be ensured.
- 12. All vehicles carrying construction materials to the site shall be covered to avoid spreading of dust. Vehicles hired for bringing construction material at site shall be in good condition and shall have valid Pollution Under Check (PUC) certificate and to conform to applicable air and noise emission standards and shall be operated only during non-peaking hours.
- 13. The project shall use fly ash bricks and other construction materials made out of fly ash in construction.
- 14. The civil construction shall be carried out with the fly ash bricks. If the fly ash bricks are not available locally the civil construction may carried out with other bricks with prior intimation to the concerned Regional Office of SPC Board. A statement indicating use of fly ash bricks during construction period shall be submitted to the Board quarterly for record.
- 15. Use of glass shall be reduced by upto 40% to reduce the electricity consumption and load on air conditioning. If necessary, high quality double glass with special reflective coating in windows will be used.



- 16. Noise shall be controlled to ensure that it does not exceed the prescribed standards. During night time the noise levels measured at the boundary of the project shall be restricted to the permissible levels to comply with the prevalent regulations.
- 17. The proponent shall comply to the provisions of E-waste (Management) Rules, 2016 and shall handover E-waste to authorized collection centers / register dismantlers / recyclers for proper disposal of E-waste.
- 18. Separate collection bin shall be provided inside the campus for collection of E- waste.
- 19. The construction and demolition wastes to be generated from the proposed project shall be disposed of in accordance with the provision under "Construction & Demolition Wastes Management Rules 2016".
- 20. All the plastic waste generated from the premises during construction and commissioning shall be collected and sent for co-processing to the nearby cement kilns.
- 21. Municipal Solid Waste shall be disposed off as per the Solid Waste Management Rules, 2016 and amendment thereafter.
- 22. The Board may impose further condition or modify the conditions are stipulated in this order during installation and / or at the time of obtaining consent to operate and may revoke this order in case the stipulated conditions are not implemented and / or information is found to have been suppressed / wrongly furnished in the application form.

B. WATER POLLUTION:

- 23. The unit shall install STP as per the design parameter and specification submitted along with Consent to Establish application. Under no circumstances, the unit shall change the design parameter / specification of STP as proposed in Consent to Establish application during the installation of STP. Adequacy of STP to be verified at the time of Consent to Operate based on the design parameters / specification submitted along with the Consent to Establish application.
- 24. Treated wastewater shall be reused for flushing and gardening purpose.
- 25. The proponent shall keep a provision for establishment of separate STP for kitchen waste water.
- 26. Water sprinkling facility shall be provided inside the premises.
- 27. Treated effluent shall be reused maximum extent and surplus treated water if any shall be discharged to existing sewerage line of Rourkela Smart City.
- 28. Water Sprinkling shall be carried out in stock piles and haulage roads in the construction area to suppress fugitive emission.
- 29. Weep holes in the compound walls shall be provided to ensure natural drainage of rain water in the catchment area during the monsoon period.
- 30. Fixtures for showers, toilet flushing and drinking shall be of low flow either by use of aerators or pressure reducing devices or sensor based control.



- 31. Garland drain for storm water shall be constructed around the project area, structure and road and the drain shall be connected with rainwater harvesting system and the treated water shall be used for irrigation purpose inside the stadium premises.
- 32. Rain water harvesting structure shall be developed inside premises and maximum efforts shall be made to reuse harvested rain water with a definite plan and programme to reduce drawl of fresh water from the local water bodies/ground water source as well as to recharge the ground water. Rain water harvesting structure shall be included from the construction stage itself. A scheme in this regard shall be submitted to the Board.
- 33. The project shall achieve Zero Liquid Discharge (ZLD) concept. Under no circumstances the project proponent shall discharge the waste water to outside the project premises.
- 34. The safe disposal of wastewater and solid wastes generated from washing of painting equipments during the construction phase shall be ensured.

C. AIR POLLUTION:

- 35. Online noise monitoring system shall be installed inside the premises to monitor the noise.
- 36. Mechanical road sweeper shall be deployed to clean the road.
- 37. The diesel generator sets to be used during construction phase shall be low Sulphur diesel type and shall conform to Environment (Protection) Rules prescribed for air and noise emission standards.
- 38. All vehicles carrying construction materials to the site shall be covered to avoid spreading of dust.
- 39. Diesel power generating sets proposed as source of backup power for elevators and common area illumination during operation phase shall be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets shall be equal to the height needed for the combined capacity of all proposed DG sets. Only low sulphur diesel will be used. The location of the DG sets may be decided in consultation with State Pollution Control Board.
- 40. The height of the stack attached to the D.G set shall confirm to the following:
 - H = h + 0.2√KVA (Where, h = Height of the building where it is installed in meter KVA = Capacity of D.G Set and H = Height of the stack in meter above ground level).
- 41. The proponent shall take adequate measures to prevent noise during loading and unloading of the construction materials in night.
- 42. The proponent shall also take adequate measures during construction phase to prevent noise and dust pollution to surrounding area.

D. SOLID WASTE:

- 43. Organic waste of generated garbage shall be composted and rest shall be disposed with Municipal solid waste.
- 44. Dry bin and wet bin provision shall be provided for collection of municipal solid waste.



- 45. Intermediate storage area of adequate capacity for temporary storage of Municipal Solid Waste (MSW) shall be developed inside the premises before handing over the MSW to the approved agency for final disposal.
- 46. The proponent shall explore to establish Mechanized Waste Convertor having polycrack method and other similar method for processing of Municipal Solid Waste generated from the complex under covered shed to produce valuable products like oil, water, gas, carbon, metal, glass etc.
- 47. The solid waste generated from the complex shall be segregated as biodegradable and non-biodegradable. This shall be collected in separate coloured beans. Proper waste management practices shall be adopted during the collection, storing and disposal of the generated solid waste.
- 48. Bio-degradable solid waste shall be sent to the organic waste converter for preparation of manure. Non-biodegradable wastes like polythene bags, metal, ceramic Waste, glass etc. shall be stored in separate garbage bin and will be sent to approved agency for final disposal.
- 49. All required sanitary and hygienic measures shall be in place before starting construction activities and to be maintained throughout the construction phase.
- 50. All the top soil excavated during construction activities shall be stored for use in horticulture / landscape development within the project site.
- 51. Disposal of muck during construction phase shall not create any adverse effect on the neighbouring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- 52. Construction spoils, including bituminous material and other hazardous materials, must not be allowed to contaminate watercourses and the dump sites for such material must be secured so that they shall not leach into the ground water.
- 53. The Project proponent shall dispose off hazardous waste materials such as tarry products, lead containing products, paints & pigments residues, broken fluorescent and mercury lamps during construction and operational phase as per Hazardous and Other Wastes (Management and Trans boundary Movement) Rules, 2016 and amended thereafter.

Chief Env. Engineer

To

The Chief Executive Officer, rOURkela One of M/s Rourkela Smart City Limited, RMC, City Library Building, Uditnagar, Rourkela, District - Sundargarh.



Memo No. <u>5906</u> | Date <u>08-04-2021</u> |

Copy forwarded to:

- 1. The Collector & District Magistrate, Sundargarh.
- 2. The District Industries Centre, Sundargarh.
- 3. Consent to Operate Cell, SPC Board, Bhubaneswar.
- 4. Regional Officer, SPC Board, Rourkela.
- 5. Copy to Guard file.

Sr. Env. Engineer-L-I

1/2







(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. 2628/2801/2021

Date. 15/02/2021

To,

The General Manager, District Industries Centre, Rourkela

The Member Secretary, State Pollution Control Board, Bhubaneswar

The Tahasildar, Rourkela

The Regional officer, State Pollution Control, Board, Rourkela

Sub: Environmental Clearance for the project "Construction of Rourkela One

(Command Control Centre and Convention Hall, Auditorium & Tribal

Museum)"

Ref: SEIAA office letter no. 199/SEIAA, dated 27.01.2021

Sir,

With reference to the subject cited above, I am to inform that the Rourkela Smart City Limited has taken up a project namely "Construction of Rourkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" under the Smart City Mission Plan near Hockey Chowk at Rourkela. Environmental Clearance has granted for the project by State Environment Impact Assessment Authority, Odisha vide letter no. 199/SEIAA, dated 27.01.2021.

It is therefore requested to upload the same in your website as mentioned in the General Conditions of Clearance, clause no. 9 of SEIAA letter.

Yours Faithfully,

Encl: As above

Chief Executive Officer
Rourkela Smart City Limited
Rourkela



(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. 2628 | 2800 | 2021

Date. \5\02\202\

283

To,

The General Manager, District Industries Centre, Rourkela The Member Secretary, State Pollution Control Board, Bhubaneswar The Tahasildar, Rourkela The Regional officer, State Pollution Control, Board, Rourkela

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Yours Faithfully,

Encl: As above

Chief Executive Officer Rourkela Smart City Limited Rourkela





(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. 2628/2800/2021

Date. 15/02/2021

To,

The General Manager, District Industries Centre, Rourkela The Member Secretary, State Pollution Control Board, Bhubaneswar

The Tahasildar, Rourkela

The Regional officer, State Pollution Control, Board, Rourkela

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Yours Faithfully,

Encl: As above

Chief Executive Officer Rourkela Smart City Limited Rourkela





(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. 2528 2304 3821

Date. 15/02/2021

To.

The General Manager, District Industries Centre, Rourkela
The Member Secretary, State Pollution Control Board, Bhubaneswar
The Tahasildar, Rourkela
The Regional officer, State Pollution Control, Board, Rourkela

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Yours Faithfully,

Ench As above

Chief Executive Officer Rourkela Smary City Limited Rourkela

2 3 FER 2021

S.R.C. BOARD

✓ Udimagar Roukela 769012 Sundergarh, Odisha D (0661) 2500 368 / (0661) 2500 239

☑ rourkelascl@gmail.com ▼ www.mic.nic in CIN LI749900R2016PLC026168





(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. RSCL/2877/2021

Date. 26.03.2021

To.

The Director, Regional Office of MoEF&CC, Bhubaneswar The Member Secretary, SEIAA, Bhubaneswar

Sub: Environmental Clearance for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)"

Sir,

With reference to the subject cited above, I am to inform that the Rourkela Smart City Limited has taken up a project namely "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" under the Smart City Mission Plan near Hockey Chowk at Rourkela. Environmental Clearance has been granted for the project by State Environment Impact Assessment Authority, Odisha vide letter no. 199/SEIAA, dated 27.01.2021.

The information regarding grant of Environmental Clearance has been published in the Odiya daily Dharitri (all Odisha edition) and National daily New Indian Express (Copy enclosed) in compliance of point no.14 of General Conditions of clearance of the letter no.199, dated 27.01.2021 of SEIAA.

This is for favour of your kind information and necessary action.

Yours Faithfully,

General Manger (E&T) Rourkela Smart City Limited

Rourkela

RECEIVED



(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. RSCL/2877/2021

Date. 26.03.2021

To,

The Director, Regional Office of MoEF&CC, Bhubaneswar The Member Secretary, SEIAA, Bhubaneswar

Sub: Environmental Clearance for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)"

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Yours Faithfully,

General Manger (E&T)
Rourkela Smart City Limited
Rourkela

A SESSIVE TO STORY TO

BIO-BUBBLE NOT A CHOICE BUT NECESSITY:

FORMER India player and Indian women's cricket team coach WV Raman is happy that cricket is back in the country. He also feels that the decision to He also feels that the decision to let spectators watch the England series in Chemnal from the stands will have a positive bearing in the future. The former India opener bats for pink-ball cricket and welcomes the move to rotate players in order to prevent burnout. In an exclusive chat with the newspaper, he says that Virat Kohli is following Sachin Findulikar's foot. ing Sachin Tendulkar's foot-steps and believes that Rohit Sharma will be a success in red-

We will be playing a day and night pink-ball Test, how significant will it be? I'm sure india will bekeen to do well in the D/N game because the possibility of Tests being played under lights and with the pink ball is getting stronger with every passing year.

Will women be able to adjust to the bio-bubble? Under the circumstances, it is not a matter of choice as much as it is a necessity. The girls have had the experience of be-ing in a bio-bubble leading up to and during the T20 Challenge in the UAE during IPL. Besides, they are keen to get on to the field. In order to play, they have to be prepared to cope with the regulations and protocols.

How do you find the talent How do you find the talent pool of spinners in India? The emergence of Washington Sundar as an all-rounder will, no doubt, give extra flexibility to the team management, but behind the scenes, moves have been made to focus on developing talented spinners in the country from the time! was in the National Cricket Academy (NCA) So, we will see a lot of VICA's So, we will see a lot of (NCA). So, we will see a lot of young spinners coming through on a regular basis.



Muttiah Muralitharan had potential to break his highest Test wickets record or come close to picking up 600 wickets. What Ashwin

I am glad for Ashwin that Mu-ralitharan feels that way and I sincerely hope that Ashwin achieves that milestone. But as to what Ashwin needs to do is something that Murali, (Shane) Warne or (Anil) Kumble will be better placed to tell you.

Everyone expects Virat Kohli to score a ton every time he steps out. How much has Kohli improved as a captain and his a bility to keep breaking records? Kohli is doing what Tendulkar did right through his captar did right through his career — of living up to the expectations of the most encouraging and also the most demanding Indian

public. He has done well so far in delivering both as a captain and a batsman, of course. Records are broken incidentally as the likes of Kohli and Ten-dulkar were focusing on excel-ling each and every time they went out to play for India.

Rohit Sharma is a prolific batsman in white ball cricket. What does he need to do to have the same amount of success in red-ball cricket?

He has not done badly at all in Test cricket. Perhaps we expect too much from him keeping in mind his stupendous success in white-ball cricket. As he plays

ON THE CUSP OF WINNER'S CIRCLE

When dozens of players

when dozens of players were forced into hard quarantine in the middle of January, a few complained. Brady did not. She focused on the positives and carried on doing the things that she knew was within her control. The end result

control. The end result

control. The end result has been a run to her maiden final. Even if the highest seed she has faced is Karolina Muchova (No 25), she has looked largely untroubled, losing only two sets in the six matches so far.

more of Test cricket, he will make up for whatever opportu-nities he has missed out on thus far. Of this, I am certain because he is a top-quality player

Tamil Nadu won the Syed Mushtaq Ali T20s. What helped them win the title? The cricketers of TN have al-ways possessed the skill sets to do well in the shorter formats of the game. In fact, I would go to the extent of saying they en-joy playing white ball cricket. Therefore, it is not surprising that they are a formidable lot in those formats.

those for mats.
Full interview: new indiaexpre

Shape retention will be better: SG on pink balls

PINK halls which will be used for the second ever day/night Test in India beginning at the refurbished stadium in Ahmedabad on February 24, Anmedabad on February 24, are expected to retain their shape for a longer period. Sansparelis Greenlands (SG), the manufacturer, has made the improvisation to ensure the need to change the ballsduring the contest doesn't arise.

the contest doesn't arise.

"These are the same set of
balls used for the inaugural
D/M Test at Kolkata in 2019.
Feedback was positive then.
Everybody was happy with it
Shape retention (of the balls),
however, will be better this
time," Paras Anand, SG's marketing and sales director, said.
As many as 36 balls have been

As many as 36 balls have been supplied to the Board of Control for Cricket in India (BCCI) for the match. Six dozens of balls were supplied ahead of the Kolkata Test. Both India and Bangladesh received the balls only after the first Test of the series in Indore. But Virat Kohli and Co along with their English counterparts received

pink balls for training even before the ongoing Test series
which began in Chennai on
February 5.

"We have given the balls in
bulk to the BCCI in January.
The balls in turn were distributed to both the teams for training, which is why a few of them
including Hardik Pandya were
seen practising with them after
the second Test in Chemnai,"
added Anand.

Test specialist Cheteshwar
Tujara had spoken on issue srelated to sighting of the pink
ball under lights after the Kolkatta Test, but Anand asserted

lated to signting of the pink ball under lights after the Kolk-ata Test, but Anand asserted the problem is not specific to SG pink balls.

"Batsmen have to adjust especially during the twilight. The more they play, the more they will get used to of it."
He, though, played down the dew factor saying bowlers confront it in every format and know better how to deal with it. There are also doubts whether the players will get will reverse swing but Anand believed it all depends on the teams and how they shine the old ball.

Full story: newindlaespress.com



THIS OSAKA IS PRESSURE-PROOF

One of the main reasons

she is behind the ball She believes in herself, her methods and it has

One of the main reasons why Osake has advanced to her second Melbourne final (she won 12019) is her ability in playing the pressure points. What sets her out from the rest is she doesn't get flustered, even if the inchied the ball.

yielded her maximum results. Her saving two match points while defeating Garbine Muguruza in the fourth rough is a case in point.

1	1ST RD	1 80,007 (8) (7) 3
	2ND RD	
	3RD RD	
	4TH RD	
	Q'F I NAL	
	SEMIFINAL	

MEDVEDEV DOWNS TSITSIPAS, SETS UP FINAL WITH DJOKO

Melbourne: RUSSIA'S Daniil Medvedev insisted the pressure was all on Novak Djokovic in the Australian Open final after he breezed past Stefanos 'Sitsipas in the semis on Friday, Medvedev, now into his second Grand Slam decider on the back of a 20-match winning streak, said the world number one has "more things to lose" on Sunday, Djokovic, with 17 Major titles, has won all eight of his Australian Open finals and is looking to close the gap on the record of 20 Slam trophies held by Roger Federer and Rafe al Nadal. Il like that I don't have a lot of pressure because he never lost in eight times that he was here in the final," said the 25-year-old World No 4.

workshop TANMAY DAS @ Bhubaneswa

conducts

IWTT

IN a bid to provide equal oppor-tunity and proper infrastructunity and proper infrastruc-ture to differently-abled ath-letes the Chocolate Group in

ollaboration with Indian Wheelchair Tennis Tour (IWTT) is organising a three-day wheelchair tennis workshopatthe Gurukul Tennis Resort, Mendhasal on the outskirts of the Capital City from Friday.

A total of 15 players joined the workshop where they were introduced to wheelchair tennis for the first time. The participants learnt about mobility techniques and hand-eye coordination with IWTT instreutor H Madhusudhan assessing their range and flexibility.

"I never took interest in sports until I was faced an rail accident in 2008 where my bothy and the sports until I was faced an rail accident in 2008 where my bothy lands were amputated. On those days I'd to face lot of trouble to rebuild myself. To get rid of the trauma and depression, I chose to play wheelchair tennis. It kept me involved and got my smile back," said Madhusudhan, an international wheelchair player.

Sunil Jain, the founder of IWTT, said that currently wheelchair tennis is practiced in Karnataka, Tamil Nadu, Delhi, Punjab and Maharashtra. "Such workshop has a tremendous impact on self-confidence, social skills and happiness of the participants. We focus on introducing the sport to more persons with disabilities of persons with disabilities to help create a thriving community for wheelchair tennis players in India. Sport is going to change the mindsets about the abilities of persons with disabilities of persons with disa

EXPRESS READ

India boxers assured of 12 medals in Budva

NEW DELHI: Asian youth gold medallists Babyrojisana Chanu ($5 \log n$ and $0 \log n$) entered the semifinals of the $30 \ln n$ tournament in Bud va , Montenegro, assuring themselves of at least a bronze medal each. A total of 12 boxers will win bronze.

postponed to June

KUALA LUMPUR: India's 2.022 FFA World Cup/2023 Asian Cup qualifying round matches, which were scheduled for next month, have been postponed to June duve to comoaivirus, The second round of fmatches have not been held since November 2019.

Football WC qualifiers Skipper Kohli opens up on depression

NEW DELHI: India captain Virat Kohli has revealed that he battled depression during the tour of England in 2014 where he felt like the "loneliest guy in the world" after a string of failures in a podcast with former England player Mark Nicholas,

LEVEL UP

Ankita clinches first major title

SWAROOP SWAMINATHAN @Chennai

ONE of the most oft-asked questions in Indian women's tennis over the last six years or so has been 'who after Sania Mirza?' On Friday, Ankita Raina once again put her hands up to say she has

Friday, Ankita Raina once again put her hands up to say she has all the right tools at her disposal to eventually occupy centrestage. Raina, with her partner, Kamilla Rakhimova, won her first ever WTA Tour level title, the Phillip Island Trophy. The unseeded pair beat Anna Blinkova and Anastasia Potapova 2-6, 6-4, 10-7. For starters, her new doubles ranking is likely to be 50 95, a career high. In an Olympic vean, it's likely to come in handy. Earlier this week, the 28-year-old also pideed up her first Tour level singles main draw win. What's led to Raina's rapid improvement? "I wouldn't say it's just the last 18 months or two years," says India's Fed Cup coach, Ankita Bhambit. "She has worked on her game constantly."

FOOTBALL ROUNDUP

Mohun Bagan prevail in United beat Sociedad, Kolka ta derby again Arsenal held in Europa

Kolkata derby again
VASCO: ATK Mohun Bagan did
the doubte over SC East Bengal
with a 3-1 win in the Kolkata
derby of IS. On Friday, Amid
torrential rain, it was an
emphatic performance which
showed the gulfin class
between the wot earns in this
season of the ISL. The Mariners
remain top with 39 points from
18 games and more importantly
have opened up a five point lead
over Mumbai City FC in second
spot. And they are definitely
front-runners now for the league
winners spot.

BERLIN: Bruno Fernandes scored a big step toward the last 16 of the Europa League with a 4-0 the Europa League with a 4-0
"away" win over Spanish team
Real Sociedad in Italy on
Thursday, Portugal's Benfica had
to host A Isenal in Rome, where
Bukayo Saka's away goal put
the Premier Leagues die in a
good position with a 1-1 draw.
Totten ham defeated Austrian
team Wolfsberg 4-1 in Budapest,
Hungary, Germany's Hoffenheim
was also affected by pandemicrelated travel restrictions.

OFFICE OF THE NOTIFIED AREA COUNCIL, BIJEPUR AT/PO/PS: - Bijepur, Dist: - Bargarh (Odisha), PIN: - 768032 Phone No. 06685-274153, E_Mail ID: - bijepurnac2018@gmail.com

Letter No. 166 Date. 18.02.2 COR RIGEN DUM. NOTICE

1st Corrigendum to Notice Inviting Tender No 42 Dt.25.01.2021

C-494: The Class of contractor may be read as "3" Class & "A" Class instead of "0" Class & "8" Class for the work of St. No 5.6 A, fall other terms and condition

Sd/- Executive Officer, N.A.C., Bijepur 0||PR-13123/11/0002/2021

FORM WIN 43

FORM WIND 42

See rule 100]

BEFORE THE NATIONAL COMPANY LAW TRIBUNAL
BENCH AT CUTTACK

IN THE MATTER OF M/S CUTTACK URBAN
TRANSPORT SERVICE LTD

(Company noroprated under Companies Act 2013
Petion No. 109/CTB of 2020
dividition and for going to recycle their claim

Advertisement of notice to creditors to prove their claim

Advertisement of notice to creditors to prove their claim Notice is hereby dyien to the creditors of the abovenamed com-pany, that they are required to submit to the Company Leuideto-proofs of their respective debts or diams against the abovename company by delivering at the office of the Company Leuidator on or before the 5th day of March 2021, or sending by post to the Compan Leuidator so as to reach thin not later than the said day, an affekt vir proving the debt or claim in FORM WIN 44 with their respective more striffness and outside set did the calcium and an office to the company of the debt or claim in FORM WIN 44 with their respective vit proving the debt or claim in FORM WIN 44 with their respective manes, addresses and particulars of debt or daim, and any file to pri only under section 396/327, Any creditor-who falls to submit his affi-david or proving with the similar file as altreastable like headured from the benefit of any distribution of divident before his debt is proved, or as the case may be from obligating to such distribution.

Any credior who has sent in his proof, if so required by notice in writing from the Company Liquidiors, shall either in person or by his memory attended to chaim at such time and place as a hall be specified in such notice and shall produce such further evidence of his debt or claim as may be required.

Sd/ Company Liqui dator Suresh Chandra Pattanayak Insolvency Professional GKV-38, Gati Krushna Villa, Tankapani Road, Bhubanewswar, Dist:Khurda, Odisha, PIN:751018, Mail Id:cutslwindingup@gmail.com

Dated this 20th day of February 202

WORKS DEPARTMENT OFFICE OF THE EXECUTIVE ENGINEER. ROURKELA (R&B) DÍVÍSION, UDÍTNAGAR, ROURKELA

E-Mail ki-eepwdrkl@gmail.com 3 Government of Orissa "e" Procurement Notice Bid Identification No.: 66/2020-2021 Dated:18.02.2021

- Bid Identification No. 66/200-021 Dated:18.02.2021

 I. Number of works: 2.7 (Iwo) number of Works
 2. Estimated oset: Ns.93.03 Likfls: -Rs.93.64 Likfls
 2. Estimated oset: Ns.93.03 Likfls: -Rs.93.64 Likfls
 4. Date 8. Time of availability of bid document in the portal:
 10 1250.02.021 at 11.00 AM.
 5. Last date/ Time for receipt of bids in the portal: 10 10 66.03.2021 up to 55.00 PM.
 6. Date of opening of Bid: 10.09.03.2021 at 11.00 AM.
 7. Name and Address of the Officer Inviting Bid: Executive Engineer, (R.8.8) Division, Rourkela, Udiffingar,
 1 Further details can be seen from the e-procurement portal
 11th/Hendersorissa.gov/m"
 Side Executive Engineer
 R.8.B Division, Rourkela

OJPR=34068/11/0033/2021

e-mail: eerw_sunabeda@yahoo.co.

OFFICE OF THE EXECUTIVE ENGINEER RURAL WORKS DIVISION, SUNABEDA 0-1119 e-Procurement Notice for Road works

Identification No Online Tender /09/RWD-6BD/2020-21

Letter No. __643/ Date: 19.07.2021

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Procurement | Bid Identifica- | Availability of tender online for biddin Officer ton No. From T.

Executive Engi- Online Tender/09/ 22,02,202.1 at 28,02,20 ner, R.W. Division, RWOSBD /2020-21 11,00 Hours 17,001

Sunabeda

Further details can be seen from the website www.tendersorissa.gov.in

Executive Engineer, Rural Works Division: Sunabeda, OIPR - 25121/11/0008/2021

All the news. In just a click.

ODISHA JUDICIAL ACADEMY, CUTTACK Sector-1, C.D.A., Abbinau Richard S. Sector-1, C.D.A., Abhinav Bidanasi, Cuttack-753014 Tel-0671-2365192 Short Tender Notice Tender Notice No: 01

Tender Notice No: 91

The Ocisha Judicial Academy, Cuttack invites ofters in sealor cover from reputed Publishers/ Book Sellers for supply of Foreign Law Titles, so as to reach the Academy on or before 9.00 PM of 90,63.2021. For Tender Document and other details: please visit our website https://www.orissajudicialaoademy.nic.in/

DISTRICT RURAL DEVELOPMENT AGENCY, RAYAGADA NOTICE INVITING QUOTATION Letter No: 497 RH/

CAD-1298: Stelled quotations in single cover system are invited in the prescribed format from the intending reputed digible registered Firms/ Manufacturer of Supplier of Stelled and Stelled Firms/ Manufacturer of Supplier of Stelled Firms/ Manufacturer of Stelled Firms/ Man

SI.	Description of items	EMD	Time of Completion
1	Manufacturing & Supply of Logo Tiles having (15 x 15) Inch size &6 mm thick as per printed lego in multi-oldur as prescribed by 6vt. (approved design, drawing and specification under Rural Housing Scheme) and delivery at all 11 Block Headquarters of Rayagada District Induding cost of carriage and all taxes etc. A. PWW(Spercy v. Burkey processory of the Supply of the Supplementation o	Rs. 50,000/-	1 Calendar month

The tender/bid documents completed in all respect will be received from 18-02 2021to 04-03-2021 latest by 5.00PM during office hour in DRDA, Rayagada through registered post/speed post.

Opening date on 05-03-2021 at 11am at the Conference hall of DRDA, Raya gada.

The bid must be accompanied with Non-Refundable Demand Draft of Rs, 5000-Ropees Five Thousard) orly in favour of Project Director, DRDA, Rayagada payable at Rayagada from any scheduled commercial bank towards bid cast, the cast of EMD of Rs.50,0006-duly pledged in favour of Project Director, DRDA, Ray agada in stape of BD/TOR failing which the bid shall not be considered.

The authority reserves the right to accept/reject any or all the quotation and the serves. assigning anyreason thereof For more detail please visit Rayagada District **Website- http://www.rayagada_nic.**li

The NOTICE INVITING QUOTATION along with the details is available in the said web.
Self-Collector-Cum-Chairman,
DR.DA, Rayagada
OIPR-19041/110002/202* OUPR-19041/11/00002/2021

GOVRNMENT OF ODISHA DEPARTMENT OF WATER RESOURCES OFFICE OF THE EXECUTIVE ENGINEER DRAINAGE DIVISION, KENDRAPARA

1st Corrigendum vide this office "e" Procurement Notice No. - DDKPD-02 of 2020-21

A-608: The online tender vide e-Procurement Notice No. DDKPD-02 of 2020-21 is hereby cancelled due to unavoidable circumstances

Sd/- Executive Engineer

Drainage Division, Kendrapara

OIPR-32356/11/0003/2021

Rourkela Smart City Limited

Notification

C-498: The State Environment Impact Assessment Authority (SEIAA), Od sha has accorded Environmental Clearance to the Project "Development of Birsa Munda multi-ourpose sports complex with training lacilities & multi-levelpose sports complex with training lacilities & multi-levelgraphing of Rourkela Smart City Limited at Rourkels, DistSundargarh, Odisha, vide their letter no. SEIAA/227/dated
01.02.2021.
A copy of the Environmental Clearance is available with
SEIAA & may also be seen at website https://environment-

Rourkela Smart City Limited

Rourkela Smart City Limited Notification

The State Environment Impact Assessment Authority (SE-IAA), Odisha has accorded Environmental Clearance to the Project Toonstruction of Bowkel One (Command and Control Centre, Auditorium, Conwention Centre and Tribad Museum)* of Rourkela Smart City Limited at Rourkela, Dissandargath, Odisha, vide their letter no. SEIAA/199/dated

27.01.2021.
A copy of the Environmental Clearance is available with SEIAA & may also be seen at website https://environmental

Sd/- Rourkella Smart City Limited OIPR- 13080/11/0019/2021

epaper.newsodanexpress om

























ଧ୩୫ ପ୍ରୟକ ଖସିଲା ସେନସେକ୍ସ

ଭାରତୀୟ ପୁର୍ଣ୍ଣିବଜାରରେ ଗତ ୪ ସେସନ ହେବ ଲଗାତର ହ୍ରାସ ହେଉଛି । ଶୁକ୍ରବାର ବସେ ଷ୍ଟକ୍ ଏକ୍ସତେଖ(ବିଏସ୍କ) ସେନ୍ସେକ୍ସ ୪୦୦ ପଏଞ୍ଜ ନିମରେ ରହିଛି । ବିଶ୍ୱ ଅଲରେ ଶେୟାର କଳାର ଜାରକାର ନିମରେ ରହିବା ଯୋଗ ଏହା ଭାରତୀୟ ଶେୟାର କଳାର ଉପରେ ପୁରାବ ପଳାଇଛି । ଭାରତୀୟ ପୂଞ୍ଜିକଳାରରେ ଅଟୋମୋବାଇଲ ଏବଂ ବ୍ୟାଦ୍ଧିଙ୍କୁ ଷ୍ଟକ୍ କାରବାର ବେଶି କ୍ଷତିଗୁସ୍ତ ହୋଇଛି । ୩୦ ଶେୟାର ବିଶିଷ୍ଟ ସେନ୍ସେଡ୍ ୪୩୫ ପଏକ ବା ୦.୮୫% ନିମ୍ନରେ ଉହି ୫୦,୮୯୦ ପଏକ ସ୍ଥରରେ କାରକାର ବନ୍ଦ ହୋଇଛି ।

Business 13

ସଂକ୍ଷେପରେ

ବ୍ଲୁଞ୍ଜାର ବ୍ୟବସାୟିକ ରେଫ୍ରିଜରେଶନର ବ୍ୟବସ୍ଥା ବିସ୍ତାର ଯୋଜନା

ଭୁବନେଶ୍ୱର,୧୯।୨: ଏୟାର କଞିଶଟିଂ ଏକଂ କ୍ୟକସାୟିକ ରେଫ୍ରିଜରେଶନର ପ୍ରମୁଖ ଜମ୍ପାଟା ତୁ ଷ୍ଟାର ପକ୍ଷରୁ ବିଭିନ୍ନ ଯୋଜନା ଓ ଜାଯ୍ୟକ୍ରମ ହାତକୁ ନିଆଯାଇଛି। ଏ ସମ୍ପର୍କରେ କୁ ଷ୍ଟାକର ପରିଚାଳନା ନିର୍ଦ୍ଦେଶକ ବି.ତ୍ୟାଗରାଜନ ସୂଚନା ଦେଇ କହିଛନ୍ତି ଯେ, ଫାମାସ୍ୟଟିକାଲ ଓ ହେଲ୍ଥ କେୟାର ଏଗ୍ରିକଲଟର, ତାଏରି, ଫୁଡ୍ ପ୍ରୋସେସିଂ ଏବଂ ହସିଟାଲିଟି କ୍ଷେତ୍ରରେ କମାହାର ବ୍ୟବସାୟିକ ରେଫିଡରେଶନର ବାହିଦା କୁମାଗତ ଭାବରେ ବୃଦ୍ଧି ପାଇଛି। ଚିଳାଶଶାଳ ଦେଶଗୁଡ଼ିକ ସହିତ ତୁଳନା ଜଲାଗଲେ ଲାରତରେ ଡ୍ୟବସାୟିକ ରେଙ୍କିରରେଶନର ବ୍ୟବହାର ମାତ୍ର ୫% କମ୍ ରହିଛି, ଯାହାକି ଏହାକୁ ବଢାରଚାରେ ସହଯୋଗ ଓ ବୃଦ୍ଧି ଲରିକା ଏହି ବ୍ୟକସ୍ଥାକୁ ବିସ୍ତାର କରିବା ଲାଗି ଯୋଜନା ରଖାଯାଇଛ ବୋଲ ସେ ମତ ଦେଇଛନ୍ତା

ଆବ୍ସୋଲ୍ୟଟ ବାର୍ବେକ୍ୟୁରେ ସି ଫେଷ୍ଟ

ଭୁବଳେଶ୍ୱର,୧୯।୨: ପ୍ରମୁଖ କାର୍ବେକ୍ୟୁ ରେଞ୍ଚୁରାଣ ଶୃଖଳା ଆବ୍ସୋଲ୍ୟଟ ବାର୍ବେକ୍ୟ(ଏଦିଏସ) ସି ଫୁଡ୍ ଫେଷ୍ଟିରାଲ ଆୟୋଡନ ବରୁଛି। ଏହା କଳିତ ମାସ ୧୯ରୁ ମାର୍ଚ୍ଚ % ଯାଏ ଚାରିତ । ସାନୀୟ ଚନ୍ଦ୍ରତା ଇଞ୍ଜିଆଇ ଇଷ୍ଟେଟ, ୯ ଇନ୍ଫୋସିଟି ଏଉ୍ଠାରେ ଏହି ଏକଜୋଟିକ୍ ବିସ୍ତାର ସି ଫେଷ୍ଟ ଅଣାଯାଇଛି। ସି ଫେଷ୍ଟ ଆଟ <ଦି∢ସ୍ରେ ସ୍ୱସ୍ତାହ୍ର ଖାହ୍ୟପ୍ରତିକର ଦନିଆକ ନେଇଯିବା ସାମଦିକ ଖାଦ୍ୟଗୁଡିକର ସ୍ତକ୍ଷ ସ୍ତାଦର ମହା ଗ୍ରାହକ ଲାଭ କରିପାରିବୋ ଡେଇଟି ଏବଂ ମେନ୍ କୋସରେ ନୟମତ ଚକଳ୍ପ ବ୍ୟତୀତ ବିଭିନ୍ନ ସ୍ଥାନର ସାମୁଦ୍ରିକ ଖାଦ୍ୟ ସହ ବାରାକ୍ତା, କିସି ଫାଏଡ ଆଟୋଂରି, ସ୍ନାପର, ସାର୍କ, ଷ୍ଟିଙ୍ଗରେ, ଉଲ୍, ବଲେ ଡକ୍, ମାଲାବାର ତାୱ୍ୱା ମ୍ୟାକେରେଲ ଅନ୍ୟ ପ୍ରମୁଖ ଡିସ୍ଲ ସ୍ଥାଦ ଗାହକ ନେଉପାରିବୋ

ବ୍ୟାଙ୍କଗୁଡ଼ିକରେ ଲକର ସୁବିଧା ପରିଚାକନା ସଂକାନ୍ତ ନିୟମ କଡାକଡ଼ି ହେବାକ ଯାଉଛି । ଏ କ୍ଷେତ୍ରରେ ନୂଆ ନିୟମ ୬ ମାସରେ ଅଞ୍ଜିକ ଲାଗି ସୁପ୍ରିମକୋର୍ଟ ଚିଳର୍ଭ ବ୍ୟାଙ୍କକୁ ଶୁକ୍ରବାର ନିର୍ଦ୍ଦେଶ ଦେଉଛନ୍ତି। ଜଷ୍ମିସ ଏମ୍.ଏମ୍. ସାନ୍ତନାଗୌଡାର ଏବଂ ଜଷ୍ଣିସ ବିଜିତ ସରଣଙ୍କୁ ନେଇ ଗଠିତ ଖ୍ଞପୀଠ କହିଛନ୍ତି, ଜଗଡାକରଣ ସହ ବ୍ୟାକିଙ୍ଗ ପ୍ରତିଷ୍ଠାନଗୁଡିକ ସାଧାରଣ ଲୋକଙ୍କ ଜୀବନରେ ଗୁରୁହପୂର୍ଣ୍ଣ ଭୂମିକା ତ୍ରହଣ କରୁଛନ୍ତି। ଦେଶ ମଧ୍ୟରେ ଭଉୟ ଘରୋଇ ଏବଂ ଅନ୍ତର୍ଜାତୀୟ ଦ୍ରାଜାକଶନ ବହୁ ଗୁଣରେ ବହିଛି। ଲୋକମାନେ ଲିକ୍ୟୁଡ ଆସେଟକ



ଘରେ ଉଖିବାକୁ ଏବେ ଚାହୁଁନାହାଡି। ଆମେ ବର୍ତ୍ତମାନ ଏକ କ୍ୟାଣରେସ ଅର୍ଥ ବ୍ୟବସ୍ଥା ଆଡକୁ ଗତି କରୁଛେ। ଖଈପୀଠ ପୂର୍ଣ କହିଛନ୍ତି,

ବର୍ତ୍ତମାନ ବ୍ୟାଙ୍କ ସେବା ଚାହିଦା ବଢିଥବା ବେଳେ ଲକର ଏକ ଗୁରୁଦ୍ୱପୂର୍ଣ୍ଣ ସେବା ବିଭିନ୍ନ ବ୍ୟାଙ୍କ ପକ୍ଷରୁ ପ୍ରଦାନ କରାଯାଉଛି । ଏହି ସେବା ଉଉଷ ଦେଖନାସୀ ଏବଂ ବିଦେଶୀ ନାଗରିକ ନାଭ କରିପାରିବେ। ଟେକ୍ଲୋଲୋଳି ଅଗ୍ରଗତି ଜରୁଥିବାରୁ ବର୍ତ୍ତମାନ ଆମେ ଦ୍ୱୈତ ଚାବି ହାରା ସଖିମାନ ଆଧାର ପଞ୍ଚଳ ଜଣ ହ୍ମୀରେ ପରିଚାଳିତ କଳରରୁ ଇଲେକ୍ଟ୍ରୋନିକ ଭାଚେ ପରିଚାଳିତ ଜଳର ବ୍ୟବହାର ଯାଏ ପଦଞ୍ଜିବେ। ଏଭଳି ସ୍ଥିତିରେ ଟେକ୍ଟୋଲୋଜିର ଖରାପ ବ୍ୟବହାର ଦ୍ୱାରା ଲୋକଙ୍କ ଅଗୋଟରେ ମଧ୍ୟ ଠଳାମି ହେବାର ଆଶଙ୍କା ଉପୁଡିଛି। ଜିଛି ଅସବିଧା ହେଲେ ବ୍ୟାଙ୍କ ନିଜ ଉପର ସମୁର୍ଣ୍ଣ ଜାବେ ଦୋଷ ଖସାଇ ପାରିବେ ନାହିଁ। କାରଣ ଲୋକମାନେ ସେମାନଙ୍କ

ଅର୍ଥକୁ ବ୍ୟାଙ୍କ ଉରସାରେ ଛାଡିଛଡି।

ବ୍ୟାଙ୍କ ଖାଉଟି ସୁରକ୍ଷା ଆଇନକୁ ଅଣଦେଖା କରିପାରିତେ ନାହିଁ । ଠନେଇ ଘଟଣା ହେଳେ ଏହାହାରା ନିକେଖକଙ୍କ ଭରସା ଚହଲି ଯାଏ। ଏହାବାଦ ଏକ ଅଭିବୃଦ୍ଧିଶୀକ ଅର୍ଥ ଚ୍ୟବସ୍ଥା ଲାଗି ଏହା ଭଲ ନୁହେଁ। ଏଉନି ବିଭିଲ ସ୍ଥିତିକୁ ବିଚାର କରି ଲକର ସୁରିଧା ଏବଂ ଜମା ପରିଚାଳନା କ୍ଷେତ୍ରରେ ବିହାତ ପଦକ୍ଷେପ ନେବାକୁ ଶୀର୍ଷ ଅତାଇତ ଆଗ୍ରିଆଇକୁ ନିର୍ଦ୍ଦେଶ ଦେଇଛନ୍ତି । ଲକରରେ ଯଦି ଗାହକଙ୍କ କିଛି କ୍ଷତି ସହିବାକୁ ପଡ଼ିଲା ତେବେ ସେ ଦିଗରେ କ'ଶ କରାଯିବ ସେ ପ୍ରସଙ୍ଗକୁ ମଧ୍ୟ ସଞ୍ଜ କରିତାକ କହାଯାଇଛି । କରିକତା ବାସିନ୍ଦା ଅଭିଟାର ଦାସଗୁସ୍ତାଙ୍କ ଆବେବନ ଉପରେ ସୁପ୍ରିମକୋର୍ଟ ଏଇଜି ନିର୍ଦ୍ଦେଶ ଳାରି କରିଛନ୍ତି ।

ରିଲାଏନୁ ଷ୍ଟୋରରେ ସାମ୍ସଙ୍ଗ ଗାଲାକ୍ସି ଏଫ୍ ୬୨

ଭ୍ରନେଶ୍ୱର,୧୯।୨

ରିଲାଏନ୍ସ ଡିଜିଟାଲ ଓ ମାଇଁ ରିଓ ଷ୍ଟୋରରେ ମୂଆ ସାମ୍ୟଙ୍ଗ ଗାନାକ୍ସି ଏଫ୍ ୬୨ର ଅଫଲାଇନ ଶ୍ୱଭାରନ ପାଇଁ ଏହରାଗିତା ସ୍ଥାପନ କରିଛନ୍ତି। ଏହି ମତେଲଟିକୁ ୨୨ ଫେବୃୟାରୀରୁ ଆରନ୍ତ ଜରାଯିତ । ପାହଳମାନେ ଏହି ଗୁଆ ସ୍ଥାଟି ଫୋନ୍ଲକୁ ରିଲାଏନ୍ସ ଡିଡିଟାଲ ଓ ନାଇଁ ଜିଓ ଷ୍ଟେବରୁ ପାଇପାରିବେ । ଗିଲାଏଡ୍ଡ ଜିଲିଟାଲର ବ୍ୟାପକ ନେଗ୍ୱର୍ଜମାଧ୍ୟମରେ ସାମ୍ୟଙ୍ଗ ଗାରାଜ୍ୱି ଏସ ୬୭ ସାରା ଦେଶରେ ଉପଲଞ୍ଜ କରାଯିବୀ ଏହି ମୁଆ ମଡେଲରେ ରହିଛି ୨.୭୩ ଜିଏକ୍ଲେଟ୍ ଅଲ୍ଟ କୋର তথন্থন্ ପୋସେସର,ସାମସଙ୍ଗ ଏକ୍ତିନୋସ୍ ୯୮୨୫ ସହିତ ୧୨୮ ଳିବି ଏଲ୍କପାଣ୍ଟେବଲ୍ ଷ୍ଟୋରେଜ୍ ଏବଂ



ଏକ କରର ମମର ଆମୋରେକ ବିନ ରହିଛି। ସେହିଲଳି ୭୦୦୦ ଏମ୍ବଏଏଚ ବ୍ୟାଟେରି ଏବଂ ପିଜାରପ୍ରିଣ ସେନ୍ସର ଓ ଫେସ୍ ଅନ୍ଲକ୍ ଆଦିର ବିକଳ୍ପ ଏଥରେ ରହିଛି । ୬୪ ଏମସି କ୍ୟାମେର ଅଲ୍ଟ୍ର ଖରତ୍ତ ମାକ୍ରେ ପୁଟିଂର ପୁରିଧା ରହିଛି। ଏହି ମେଡନର ମୂଲ୍ୟ ୨୧,୪୯୯ ଚଙ୍କୀ, ୬ ଚିକି ରାମ ସହିତ ଓ ୨୩,୪୯୯ଟକୀ ରହିଥିବା କମ୍ପାନୀ ପକ୍ଷର ସନନା ରହିଛି

କଟକ ବାଦାମବାଡ଼ିଅତ ସୁରଚ୍ଚ ବଜାଜ ଡିଲରଖିପରୁ ଲାଉ ବରାଜ ଅଟୋ ସକ୍ଷରୁ କୂଆ ପ୍ଲାଟିନା ମଡେଲ ବର୍ତ୍ତମାନ କରିପାରିବେ। ଏହାବାଦ୍ ଆଠଗଡ଼, ଚୌଦ୍ପାର, ଫୁଲନଖରା, ନିଆଳି, ସାଲେପୁର, ବଡ଼ିୟା, ନରସିଂହପୁର ଡଳି ସ୍ଥାନରେ ଥିବା ବଡାରରେ ଉପାଳନ୍ତ ହେଉଛି। ୧୦୦ ସିସି ଇଞ୍ଜିନ କ୍ଷମତା ସହ ଆସିଥିବା ଏହି ଯାନଟି ଗ୍ରାହକଙ୍କ ପରିବର୍ଦ୍ଧିତ କ୍ୟାନୀର ଅଧିକୃତ ଡିଲରଶିପରୁଡ଼ିକରେ ଗ୍ରାହକ ଏହି ମଡେଲ ଚାହିଦାକୁ ନଳରରେ ରଖି 🂣 ପ୍ରସ୍ତୁତ କରାଯାଇଛି। କିଶିବାର ସୁବିଧା ପାଇପାରିବେ । ପ୍ଲାଟିନା ମଡେଲ ଗ୍ରାହକଙ୍କ ଦ୍ୱାରା ବେଶ୍ ଆହୁଡି ଲାଭ କରିଛି। ଏହାର ଦାମ ୬୪.୭୩୬ ଗ୍ରାଥଗଣ ସ୍ୱାରେ ବେଶ୍ ଠାନ୍ୟୁତ ଲାଖ କରଥୀ ଏହାର ପରିବର୍ତ୍ତିତ ଉପକୁ କମ୍ପାନୀ ବଳାରରେ 🔊 ପ୍ରବେଶ କରାଇଛି। ଏଥିରେ କମ୍ପରଟେକ୍ ଟଳୀ ଅବାବେଳେ ଅଫର ମତେନଟିକୁ 🏑 ପ୍ରାଇସ୍ୱରେ ସିତର ଭାବେ ଅତୁଟ ଆରାମ ଏବଂ ଡିସ୍ଫ ବ୍ରେକର ପୁରକ୍ଷା ମିଳିପାରିବ। ସେହିଉଳି କମ୍ପାନୀ ପକ୍ଷରୁ ୫୯,୯୯୯ ଟଙ୍କାରେ ଗ୍ରାହକଙ୍କୁ ପ୍ରଦାନ କରାଯାଉଛି ଅଫରର ଲାଉ ଗ୍ରାହକ ଚଳିତ ମାସ ଲୟା ଆଗି ସସ୍ପେନଶନ, ନାଇଟ୍ରକ୍ସ ପଛ ସସ୍ପେନଶନ, ଲୟା ଗଦିବାଲା ସିଟ, ଅନନ୍ୟ ହ୍ୟାଣ ଗାର୍ଡସ, ଚଉଡ଼ା ରବର ପୁଷ୍ଟ ପ୍ୟାତ୍ୟ, ଆଜାମହାରକ ହ୍ୟାଣ୍ଡ ଗ୍ରୀପ୍ପ, ପୁରକ୍ଷାମ୍ବକ ଟ୍ୟାଙ୍କ ପ୍ୟାତ୍ ଭଳି ଫିଚର ଏହି ମଡେଲରେ ଗାହକଙ୍କ ଏକଟେଖ 40 ଆକର୍ଷଣୀୟ ଫାଇନାନ ପୁରିଧା ଗାହକଙ୍କ

ଭୁବନେଶ୍ୱର ଅତ୍ତଃରାଷ୍ଟ୍ରୀୟ ବାଶିଜ୍ୟମେଳା ଆରୟ

ଭୂକନେଶ୍ୱର,୧୯।୨ ଭୂକନେଶ୍ୱର ଅଞ୍ଚରଖୁୟାୟ କାରିଜ୍ୟମେକାର ୫ମ ସଂସ୍କରଣ ସ୍ଥାନୀୟ ଜନତା ମଇଦାନ ପରିସରରେ ଶୂଳ୍ରବାରଠାରୁ ଶୁଭାରୟ ହୋଇଛି। ଏହି ଅବସରରେ ମୁଖ୍ୟ ଅତିଥି ଭାବରେ କେନ୍ଦ୍ର ମନ୍ତ୍ରୀ ପ୍ରତାପ ଚନ୍ଦ୍ର ଷଡ଼ଙ୍ଗୀ ଯୋଗ ବେଇ ଏହି ମେନାକୁ ଉଦ୍ଘାଟନ କରିଥିଲେ । ଅନ୍ୟମାନଙ୍କ ମଧ୍ୟରେ ସାମାଳିକ କର୍ମୀ ମଧ୍ୟସ୍କନ ଦାସ, ସନ୍ଧ୍ୟାବତୀ ପଧାନ, ରହ୍ଜିରଞ୍ଜନ କାନ୍ତନଗୋ, ଲାବଶ୍ୟ ଦାସ, ସୌଦାମିନୀ ନାସକ ଏବଂ ଇ ଡ୍ରାଇଭ'ର ଏମ୍ଡି କୈଳାସ ଚୌଧୁରୀ ପ୍ରମୁଖ ଉପସ୍ଥିତ ଥିଲେ । ରାହଳଙ୍କ ଚାହିଦା ଓ ଆବଶ୍ୟାଳତା ପ୍ରଚଣ ସହିତ ରୋଟିଏ ସାନରେ ସବୁ ପ୍ରକାର ଘରକରଣା ସାମଗ୍ରୀ ଓ ଆସବାପତ୍ର ଆଦିର ଗ୍ରାହକମାନଙ୍କୁ ଯୋଗାଇଦେବାର ଲକ୍ଷ୍ୟକୁ ନେଇ ଏହି ମେଳାର ଆରମ୍ଭାରନ କରାଯାଉଛି ବୋଲି ଆୟୋଜକଙ୍କ ପକ୍ଷର କଳାଯାଇଛି। ଦେଶ ଓ ରାଜ୍ୟର କଳାକ୍ତି ଓ ଆସବାବପତ୍ର ସହିତ ସବୁ ପ୍ରକାର ସାମଗ୍ରୀ ରୋଟିଏ ପ୍ରାନରେ ଗ୍ରାହକଙ୍କୁ ମିଳିବା । ଦେଶର ଅଭିଦୃଦ୍ଧ ପାଇଁ ଏଉନ ମେଳା ଓ କାର୍ଯାକ୍ରମର ଆବଶ୍ୟକତା ରହିଛି ବୋଲି କେନ୍ଦ୍ର ମନ୍ତୀ ତାଙ୍କ ଅଭିଭାଷଣରେ କହିଥାରେ । ମେଳା ୧୯ ଫେବ୍ୟରୀରୁ ୧ ମାର୍ଚ୍ଚଯାଏ ଚଲିବ । ଦିବା ୨.୩୦ ଘଟିକାରୁ ରାତ୍ର ୯.୩୦ ଘଟିକା ପର୍ଯ୍ୟନ୍ତ ମେକା ଟାଲିବ ବୋଲି ମେଳା ଆଯୋଜକ ଗୁସ୍ତା ଇରେଣ ମ୍ୟାନେଜମେଶର ମରିଜାଜନା ନିର୍ଦ୍ଦେଶକ ଗରିନ



ଗୁସ୍ତା ସୂଚନା ବେଇଛନ୍ତି । ମେଳାରେ ୨୦ ଟିରାଟ୍ୟ ଓ ୬ଟି ଦେଶର ବ୍ୟବସାୟୀମାନେ ଅଂଖ ଗ୍ରହଣ କରିଛନ୍ତି। କୁଣଳୀ କାରିଗଚନାନଙ୍କ ଦ୍ୱାରା ପ୍ରସ୍ତୁତ ବିଭିନ୍ନ ସାମଗ୍ରୀକୁ ଏଠାରେ ପ୍ରବର୍ତ୍ତନ କରାଯାଉଛି। ଏଠାରେ ଗ୍ରାହକଙ୍କ ପାଇଁ ପୁଦ୍ରିକୋର୍ଟ ଓ ସାଂଷ୍ଟରିକ କାର୍ଯ୍ୟକମର ବ୍ୟବସ୍ଥା କରାଯାଇଛି ବୋଲି ପାୟଲ ଆଚାର୍ଯ୍ୟ ଗସ୍ଥା କହିଛନ୍ତି

ରାଉରକେଲା ସ୍ଥାର୍ଟ ସିଟି ଲିମିଟେଡ

ବିଜ୍ଞାପ୍ତି

No. C-498: ଲାଜ୍ୟ ପରିଟେଶ ପ୍ରଭାବ ଆଜ No. C-498: ରାଜ୍ୟ ପରିବୈଶ ପ୍ରଭାବ ଆଜଳନ ପ୍ରାଧିକରଣ (ଏସ୍ଲଆଇଏଏ) ଓଡ଼ିଶାର ବୃଦ୍ଦରରତ୍ୱ କିହାର ରାଜରକେଲାରେ ଅବସ୍ଥିତ ରାଜରକେଲା ହାଟି ସିବି ଲିମିଟେଡ ପ୍ରକଳ୍କର ''ତେଲେଲପମେଈ ବିସା ପୁଣା ମଲ୍ଲି ପର୍ପୋଜ କୋର୍ଟର କଞ୍ଜେଳ ସିଥ ବ୍ରେଟିଂ ଫେସିଲିଟି ଏଣ ମଲ୍ଲି ଲେବେଲ କାର ପାନ୍ନିଂ' ପାଇଁ ଆବଶ୍ୟକ ପରିସର ନିର୍ମାଣ

କ୍ରିବା ନିମନ୍ତେ ପରିକେଶ ମଖୁରା ପ୍ରଦାନ କରିଛନ୍ତି । ପରିକେଶ ମଖୁରୀର ଜଣି ଏସଲଥାଇଏଏ//୨୨୭/ତା୦୧।୦୨।୨୦୨୧ରିଖ 100710-14 ଚିତ୍ରଟରେ ଉପ୍ଲୟ ଏବଂ ସେବସାଇଟ https:/ environmentclearance.nic.in/ରେ ଦେଖା ଯାଇପାରିକ ।

ରାଜରକେଲା ସ୍ଥାର୍ଟ ସିଟି ଲିମିଟେଡ

ରାଉରଜେଲା ସ୍ମାର୍ଟ ସିଟି ଲିମିଟେଜ

ବିଜ୍ଞପ୍ତି

ରାଜ୍ୟ ପରିବେଶ ପ୍ରଭାବ ଆଜନନ ପୁାଧ୍କରଣ (ଏସ୍ଲିଆଇଏଏ) ଓଡ଼ିଶାର ସୁନ୍ଦରଗଡ଼ විශාල තාකයුදෙකුලෙස පල්වල ශාකයුදෙකා කුල් බිම් කිහිදෙල හුලෙද 'ରାଭରକେଳା ସ୍ୱାନ୍ (କମାଶ ଏଶ କବ୍ରୋଲ ସେଖର, ଅତିଟୋରିୟମ, କନ୍ତେନସୀ ବେଷର ଏଣ ସାଇବାଲ ମ୍ୟନ୍ତିୟମ)" ପାଇଁ ଆବଶ୍ୟକ ପରିସର ନିର୍ମାଣ କରିବା ନିମନ୍ତେ ପରିଟେଖ ମଞ୍ଜୁଲୀ ପ୍ରଦାନ କରିଛନ୍ତି ।

ପରିତେଶ ମଷ୍ଟ୍ରଜୀର ଜଣି ଏସଲଆଇଏଏ//୧୯୯/ଜା୨୭ା୦୧।୨୦୨୧ରିକ ଏସ୍ଲଆଲଏଏ ନିଜଟରେ ଉପଲଞ୍ଜ ଏବଂ ସ୍ୱେକ୍ସାଲଟ https://

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ରାଜ୍ୟ ଖବର ଭାଜପା ଅନୁସୂଚିତ ଜାତି ମୋର୍ଚ୍ଚାର ବହୁ ନେତାଙ୍କୁ ଭିନ୍ନ ଦାୟିତ୍ୱ କୋଇଲା ଚୋରା ଚାଲାଣ ଧରିଲା ଏସ୍ଟିଏଫ୍

2191 ଜମାନୀ

ପକ୍ଷରୁ

ସୂଚନା ରହିଛା

ଶେଷ ଯାଏ ଉଠାଇ ପାରିବେ। ଗ୍ରାହକ ଏହି ମଡେଲଚିକୁ

ଭୁବନେଶ୍ୱର,୧୯।୨(ବ୍ୟୁରୋ)

ରାଜ୍ୟରେ ବେଧତକ ଖଣିଳ ପଦାର୍ଥ ଟେଆଲଟ ଭାବେ ଟୋରା ଚାଲାଶ ଚାଲିଛି। ଏହାହାରା ରାଜ୍ୟ ସରକାର ବିପୁଳ ରାଳସ୍ୱ ହରାଜଛନ୍ତି। ଶୂଳ୍ରବାର ତେଙ୍କାନାଳ ଜିଲା ଜାମାକ୍ଷାନକର ଅଞ୍ଚଳରେ ବଢ଼ାର କରି କ୍ରାରମବ୍ରାଞ୍ଚର ଷେଶାଲ ଟାସ୍ଲ ଫୋସ୍(ଏସ୍ଡିଏଫ୍) ପୁଇଟି ଫୁକ ରହି କୋଇଲା ଜବତ କରିଛି । ଏହାର ଓଡ଼ନ ପାୟ ୪୦ ଟନ ହେବ । ଏହି ଘଟଣାରେ ଏହିଟଏଫ ୨ଜଣଙ୍କ ଗିରଫ ଏହି ଗ୍ୟାକେଟରେ ସମ୍ପ୍ର ମାସିଆ ଓ ଅନ୍ୟମାନଙ୍କୁ ଧରିତାଳ ରତ୍ୟମ ଚନାଇଛି । ଏନେଇ କାମାକ୍ଷାନରର ଥାନା ପୋଲିସ ଏକ 9ଟୁକ, ୪୦ ଟନ୍ କୋଇଲା ଜବତ: ୨ ଗିରଫ

■ ଧରାହେବେ ମାଫିଆ, ଟ୍ରକ୍ ମାଲିକଙ୍କ ନାଁରେ ମାମଲା

ମାମଲା (ନଂ.୬୦/୨୧) ଗୁଳୁ କରି ଘରଣାର ଅଧିକ ତଦର କରିଛି। ସୂଚନା ଅନୁଯାୟୀ, ଢେଙ୍କାନାକ-ଅଞ୍ଚଳରେ ନିର୍ଯ୍ମିତ ଅନୁଗୋଳ କୋଲଲା ଓ ଅଟ୍ୟ ଖଣିଳପଦାର୍ଥ ଟୋରା ଚାଲାଣ କରାଯାଉଛି । ଏନେଇ ସୂଚନା ପାଇବା ପରେ ଏସ୍ଟିଏଫ୍ ଜିଲ୍ଲିକ ବେଳ ଏହା ଜମରେ ଜଳର ରଖ୍ୟଳା । କ୍ରହ୍ମବାର ବିଳୟିତ ରାତିରେ ଖଣିମାପିଆମାନେ ଦଇଟି ଟକ ନେଇ

ଅଞ୍ଚଳର କୋଇଲା ଡେଙ୍କାନାକ ରୋଡ୍ ଜରିଥିଲେ । ବ୍ଲକ୍ରବୀର ସଳାଜେ ସୋମାନେ କାମାକ୍ଷାନଗର ଦେଇ ଯାଉଥବା ଏହଟିଏଫ ଟିମ ଏକ ବିଶସ ସତର ଖବର ପାଇଥିଲା । ଏହାପରେ କାମାକ୍ଷାନକରର ବିଜନ ଛଳରେ ଏସ୍ଟିଏଫ୍ ଅଧିକାରୀମାନେ ଜରି ରହିଥିଲେ । ୨ଟି କୋଳଲା ବୋଝେଲ ଗୁକ ପହଞ୍ଚବାଷଣି ତାହାକୁ ଅଟକାଇ କୋଇଲା ଚାଲାଣ ସଂକ୍ରାନ୍ତ କୌଣସି ବୈଧ କାରଜପତ୍ର ଦେଖାଇପାରି ଥିଲେ । ଏହାପରେ ସେମାନଙ୍କୁ ରିଲଫ କରାଯିବା ସହ ଗୁକ୍ ମାଭିକ ଅରଶ ନାୟକଙ୍କ ବିରୋଧରେ ମାମନା ରଳ କରାଯାଇଥିବା ସଚନା ମଳିଛା

ଭୁବନେଶ୍ୱର, ୧୯/୨(ବ୍ୟୁରୋ) ରାଜପା ରାଜ୍ୟ ସରାପତି ସମୀର ମହାନ୍ତିଙ୍କ ଅନୁମୋଦନକ୍ରମେ ଅନୁସୂଚିତ ଜାତି ମୋର୍ଚ୍ଚା ରାଜ୍ୟ ସଭାପତି ଚିଲୁ ପ୍ରସାଦ ଡରାଇ ଶୁକ୍ରବାର ଅନୁସୂଚିତ ଜାତି ମୋଜାର ବିଭିନ୍ନ ସବସ୍ଥାଙ୍କ ନାମ ଚାଲିକା ଘୋଷଣା କରିଛନ୍ତି । ଅନୁସୂଚିତ ଜାତି ମୋର୍ଜା ରାଜ୍ୟ ଉପସଭାପତି ଭାବେ ବିଧାୟକ ସନାତନ ବିଲୁନ, ଦୁର୍ଗା ତତ୍ତା, ମନିତର ଆର୍ଯ୍ୟ, ହେମନ୍ତ କ୍ରମାର ମଲିଜ, ରାମବିଶ ବିଗାଇ, ଚନ୍ଦନ ଖରାରଙ୍କ ଦାସିହ ପଦାନ କରାଯାଇଛି । ଅଟସ୍ଥରିତ ଜାତି ମୋର୍ଜା ରାଜ୍ୟ ସାଧାରଣ ସମ୍ପାଦକ ରାବେ ବିଧାୟକ ପୁକେଶ ମହାନିଙ୍ଗ ଓ ରାଘବ ମନିକଙ୍କୁ ତାଯିତ ଦିଆଯାଇଛି । ରାଜ୍ୟ ମମ୍ପାଦକ ଭାବେ କାର୍ଜନ ଦାସ, ବିକାଶ କୁମାର ବେହେରା, ଗିରିଧାରୀ ବାସ, ଶାକ୍ତିଲତା ସେଠୀ, ଛଷ୍ପର ବାଗ, ରି. ସଞ୍ଚୀବ କୁମାର, ଗୋଷାଧ୍ୟକ୍ଷ ଭାବେ ଜଗନାଥ ବେହେର। ଏବଂ କାର୍ଯ୍ୟାକ୍ତର ସମ୍ପାଦକ ରାବେ ସତ୍ୟ ନାରାୟଣ ସେଠୀଙ୍କ ଦାହିତ ହିଆଯାଇଛି ।

୬ ରାଜ୍ୟ ଉପସଭାପତି, ୨ ସାଧାରଣ ସମ୍ପାଦଳ, ୬ ସମ୍ପାଦକ

ମୋର୍ଚ୍ଚାକୁ ଶକ୍ତିଶାଳୀ ଜଗିବା ପାଇଁ ବିଶିତ ବିଲାଗର ରାଜ୍ୟ ସଂଯୋଜକ ଲାକେ ପ୍ରମୁଖ ନେତାଙ୍କୁ ଦାଣିତ୍ର ଦିଆଯାଇଛି । ଅନୁସୂଚୀତ ଜାତି ମୋର୍ଜ ରାଜ୍ୟ କାର୍ଯ୍ୟକାରିଣୀ ସଦସ୍ୟ ଭାବେ ଆଶ୍ରୁଗୋଷ ମଣକ, ଲକିତ ମଗର, ଚୌଡ଼ରା ଦୀପ, ଜନାର୍କନ ବେହେର। ପ୍ରଥଖକ ଦାରିହ୍ନ ଦିଆଯାଇଛି । ହ୍ଲାୟା ନିମନ୍ତିତ ସଦସ୍ୟ ଲାବେ ବିରୋଧୀ ଦଳ ନେତା ପ୍ରଦିପ୍ତ କୁମାର ନାୟକ, ଉପନେତା ବିଷ୍ଣୁ ସେଠୀ, ବିଧାୟକ ନାଉରି ନାୟକଙ୍କ ସମେଡି ପୂର୍ବତନ ବିଧାୟକ ବାଇଧର ମଲିକ୍, ଗୋଡିନ୍ଦ୍ର ବାସ, ଗାଟାଣ କାର୍ଯ୍ୟକାରିଣୀ ସଦସ୍ୟ ଚସନ୍ତ ଜୁମାର ନାୟକ ବିଷ୍କୃତିହ୍ୱତନ୍ତ୍ରାଙ୍କ ସମେଓ ପ୍ରଭାରୀ ବିଲୀପ୍ ମଲିକ୍ ଅଭିମନା ସେଠୀ, ଅମିଶ, ମଭିର, ପର୍ଶବର ମଲିକ ପପ୍ରଖ ୧୯ ଜଣଙ୍କ ସାନ ଦିଆଯାଇଛି।

environmentelearance.nic.in/ରେ ଦେଖା ଯାଇମାରିକା

ODISHA PUBLIC SERVICE COMMISSION ADVERTISEMENT No. 09 of 2020-21 Recruitment to the Post of Medical Officers (Assistant Surgeon) in Group A (Junior Branch) of the Odisha Medical & Health Services Cadre under Health &

Family Welfare Department

Website: www.opsc.gov.in

No. D-177: Online applications are invited from the prospective no DETA Offiner applications are invited from the prospective and andidates through the proforms application to be made available in the website of the Commission (http://www.opsc.gov.in). For continuing the 2552 (Two thousand four hundred fifty two) posts of fedicial Officers (Assistant Surgeon) in Group-A (Junior Branch) of disha Medicial & Health Services Cadre under Health & Family Verfere Department in the Pay Matrix of Level 12, Cell-1 of Office (Use), 2017 with usual Dearmess and other allowances as may be anctioned by the Government of Odisha from time to time.

- WACANCY POSITION:

Rules, 2017 with usual Dearness and when such time.

2. WACANCY POSITION:

As per requisition filed by the Health & Family Welfare Department, Government of Odisha, out of total of 2452 (817-w) vacancies, 533 (211-w) vacancies are reserved for UR cateogy. 124. (41-w) vacancies are reserved for SEEC, 653 (218-w) vacancies are reserved for SEEC, 653 (218-w) vacancies are reserved for SEC ategory, 1042 (347-w) vacancies are reserved for SEC, 1049, 1049 (347-w) vacancies are reserved for SEC, 1049, 1049, 1049 (347-w) vacancies are reserved for SEC, 1049

GOVERNMENT OF ODISHA OFFICE OF THE CHIEF CONSTRUCTION ENGINEER ANANDAPUR BARRAGE PROJECT, SALAPADA (E-mail id: cceabp-elewr.od@nic.in/loabp-elewr.od@nic.in/) E-procurement Notice No.CCEABP-06 of 2020-21 Tender Bid Coct in Security Billetha intesh CAppx) (Online) (Online) (Cover-1) Exercition of Salandi Left Main Cana (SLMC) from RD A45570 M to RD 49610 M including Construction of Structures, Irring and Service Road details can be seen from the Govt. 3691 00 36.91 10.0007 16.03.2

Sd.J- Chief Construction Engineer, Anandapur Barrage Project, Salapada

©DISHA OFFICE OF THE DIVISIONAL HEAD (ELECTRICAL) IDCO, IDCO TOWER, BHUBANESWAR

NOTICE INVITING TENDER UNDER NATIONAL

COMPETITIVE BIDDING THROUGH e-Procurement

Procurement Officer	Bid Identification No.	Availability of Tender Online for Biddi	
Friction formati	Dia identificationi ivez	From	To
1	2	3	4
D.H. (Elect.), IDCO, IDCO Tower,	Bid ld No. BBSR/	23 02 2021	03:03:2021
Jancath, Bhubaneswar	ELECT/e-17/2021	at 12.00 hrs.	at 17.00 hrs

Sd./- Divisional Head (Elect), IDCO, Bhuba OIPR-14003/11/0131/2021





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MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.





Report no. - CEMC/RSC/170521/A

Issued Date-17.05.2021

AMBIENT AIR QUALITY MONITORING TEST REPORT

Client Name	M/s Rourkela Smart City, Rourkela.
	Turnkey Execution of Costruction of Command Control Centre,
Name of the Project	Convention Hall & Auditorium and Tribal Museum in ABD
	Area At Rourkela.
Name of Customer	Engineering Projects (INDIA) Limited.
Sampling Date	25.04.2021
Nature of Sampling	Ambient Air Sample
Sampling Location with	Auditorium Building in ABD Area Near Hockey Chhak-
Job Code	CEMC/20-21/18A
Instrument Used	Respirable Dust Sampler, Fine Dust Sampler, CO Meter,
instrument Osed	Attachment Box
Reference No.	CEMC-1705202118A

Sl. No.	Parameters	Result	Standard as per NAAQ	Methods of Analysis
1	Particulate Matter (PM ₁₀) μg/m ³	68.8	100	IS: 5182 (Part-23)
2	Particulate Matter (PM _{2.5}) μg/m ³	38.6	60	Gravimetric Method as per CPCB method
3	Sulphur Dioxide (SO ₂) µg/m ³	18.4	80	IS: 5182 (Part-2)
4	Nitrogen Oxides (NO _x) μg/m ³	25.2	80	IS: 5182 (Part-6)
5	Carbon Monoxide (CO) mg/m ³	0.61	4.0	IS: 5182 (Part-10)

^{*}NAAQ (National Ambient Air Quality Standard as per 18th Nov, 2009 Gatt. Notification)

END OF REPORT

Authorized Signatory

Notes:

The results relate only to the sample tested.

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Laboratory

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Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India, Mobile: 9861032826 E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in, Landline: 0674-2360344.



CENTRE FOR ENVOTECH AND





Report no. – CEMC/RSC/170521/N

Issued Date-17.05.2021

NOISE MONITORING TEST REPORT

Client Name	M/s Rourkela Smart City, Rourkela.	
	Turnkey Execution of Costruction of Command Control	
Name of the Project	Centre, Convention Hall & Auditorium and Tribal Museum in	
	ABD Area At Rourkela.	
Name of Customer	Engineering Projects (INDIA) Limited.	
Reference No.	CEMC-1705202108N	
Nature of Sampling	Noise Sampling	
Instrument used	Noise Level Meter	
Job Code	CEMC/20-21/08N	
Sampling Date	25.04.2021	

Sl. No.	Locations	dB(A) Day time	dB(A) Night time
1	Auditorium Building in ABD Area Near Hockey Chhak	63.8	52.2

NOISE LEVEL STANDARD

Ama Cada	Category of Area/Zone	Permissible Limit in dB (A)		
Area Code		Day Time	Night Time	
A	Industrial Area	75	70	
В	Commercial Area	65	55	
С	Residential Area	55	45	
D	Silence Zone	50	40	

Authorized Signatory

Notes:

The results relate only to the sample tested.

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onmental

of Laborator

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MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.



Report no. - CEMC/RSC/170521/W

Issued Date-17.05.2021

GROUND WATER TEST REPORT

Project Name : M/s Rourkela Smart City, Rourkela

Name of the Project : Turnkey Execution of Costruction of Command Control Centre, Convention Hall & Auditorium

and Tribal Museum in ABD Area At Rourkela.

Date of Sampling : 25.04.2021

Sampling by : Client's Representative

Date of Sample Received : 26.04.2021

Date of Analysis : 26.04.2021 to 11.05.2021 **ULR NO.** : **TC664621000000004F**

Sample Description : Ground Water

Sample Location with Job Code : Auditorium Building in ABD Area Near

Hockey Chhak-CEMC/20-21/24W

Sample Quantity : 1.0 Ltr

Reference No. : CEMC-1705202124W

ANALYSIS RESULT

Sl.		Unit of	Standard as per	r IS: 10500, 2012	
No	Parameter	measurement	Acceptable Limit	Permissible Limit	Result
1	Colour	Hazen	5	15	<5
2	Odour		AL	AL	AL
3	Taste		AL	AL	AL
4	Turbidity	NTU	1	5	<1
5	pH Value @ 25°C		6.5-8.5	No Relaxation	6.41
6	Total Hardness (as CaCO ₃)	mg/l	200	600	152
7	Iron (as Fe)	mg/l	0.3	No Relaxation	0.26
8	Chloride (as Cl)	mg/l	250	1000	32.9
9	Residual, free Chlorine	mg/l	0.2	1.0	ND
10	Total Dissolved Solids	mg/l	500	2000	286
11	Calcium (as Ca)	mg/l	75	200	37.67
12	Magnesium (as Mg)	mg/l	30	100	14.09
13	Copper (as Cu)	mg/l	0.05	1.5	< 0.03
14	Manganese (as Mn)	mg/l	0.1	0.3	< 0.02
15	Sulphate (as SO ₄)	mg/l	200	400	10.2
16	Nitrate (as NO ₃)	mg/l	45	No Relaxation	3.8
17	Fluoride (as F)	mg/l	1.0	1.5	0.14
18	Phenolic Compounds (as C ₆ H ₅ OH)	mg/l	0.001	0.002	<0.001
19	Mercury (as Hg)	mg/l	0.001	No Relaxation	< 0.001
20	Cadmium (as Cd)	mg/l	0.003	No Relaxation	< 0.003
21	Selenium (as Se)	mg/l	0.01	No Relaxation	< 0.001
22	Arsenic (as As)	mg/l	0.01	0.05	< 0.001
23	Cyanide (as CN)	mg/l	0.05	No Relaxation	ND

Environmental Studies (EIA & EMP), Monitoring, Forest Diversion Planning, DPR, Wildlife Management Plan, Hazardous & Safety Studies, RS& GIS, Baseline Survey, Hydrological & Geological Studies, Socio-economic Studies, DGPS & ETS Survey.

Regd. Office: 1st Floor, N-5/305, IRC village, Nayapalli, Bhubaneswar-751015, Odisha, India,Mobile: 9861032826 E-mail- cemc_consultancy@yahoo.co.in, cemc122@gmail.com, website: www.cemc.in, Landline: 0674-2360344.



CENTRE FOR ENVOTECH AND



An ISO 9001-2008 & OHSAS 18001:2007 Certified Company, Empanelled with OCCL, ORSAC and SPCB of Govt. of Odisha Accredited by NABET, QCI for EIA Studies as 'A' Category Consultant Organization. Empanelled with PCCF(Wildlife) &CWLW,Odisha

Enlisted in CIDC (established by the Planning Commission Govt. of India), NABL

MoEF&CC, Govt. of India, Recognised Environment Laboratory under Environment (Protection) Act, 1986.

24	Lead (as Pb)	mg/l	0.01	No Relaxation	< 0.01
25	Zinc (as Zn)	mg/l	5	15	< 0.05
26	Total Chromium (as Cr)	mg/l	0.05	No Relaxation	< 0.05
27	Mineral Oil	mg/l	0.5	No Relaxation	ND
28	Total Alkalinity (as CaCO ₃)	mg/l	200	600	140
29	Aluminium (as Al)	mg/l	0.03	0.2	< 0.01
30	Boron (as B)	mg/l	0.5	1.0	<0.2
31	Total Coliform	MPN/100ml	Absent	Absent	Absent
32	Faecal Coliform	MPN/100ml	Absent	Absent	Absent
33	E. Coli	MPN/100ml	Absent	Absent	Absent

NB: ND- Not Detectable, AL- Agreeable, MPN-Most Probable Number

END OF REPORT

Notes:

- The result given above related to the tested sample eived. The customer asked for the above test only.
- This Test Report shall not be reproduced wholly or in part without prior written consent of the
- The samples received shall be destroyed after two weeks from the date of issue of the Test Report unless specified otherwise.
- This Test Report shall not be used in any advertising media or as evidence in the court of Law without prior written consent of the laboratory.





Rourkela Smart City < rourkelascl@gmail.com>

Submission of Environmental Statement Form V for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" of Rourkela Smart City Limited at Rourkela in the district of Sundargarh in Odisha

1 message

Rourkela Smart City <rourkelascl@gmail.com> To: roez.bsr-mef@nic.in

Tue, Apr 13, 2021 at 11:46 AM

Respected Sir/Madam,

As per clause no. 17 of the General Condition of clearance of Environmental Clearance, please find the attachment of Form V of Environmental Statement for the financial year 2020-2021 for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" at Rourkela in the district of Sundargarh in Odisha

With Regards,

General Manager(E&T)
Rourkela Smart City Limited
Rourkela

Environmental Statement(Form V) Rourkela One Project.pdf 2415K



(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. RSC//3044/7021

Date. 12/04/7021

To.

The Member Secretary, State Pollution Control Board, Bhubaneswar

Sub: Submission of Environmental Statement (Form V) for the financial year 2020-2021 for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)"

Ref: Environmental Clearance letter no. 199/SEIAA, dated 27.01.2021

Sir,

With reference to the subject cited above, please find enclosed Environmental Statement (Form V) for the financial year 2020- 2021 of the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" under the Smart City Mission Plan near Hockey Chowk at Rourkela in the district of Sundargarh in Odisha.

This is for favour of your kind information and necessary action.

Yours Faithfully,

General Manger (E&T)
Rourkela Smart City Limited
Rourkela

Memo 3045 Dated 12/04/2021

Copy forwarded to the Director, Regional Office of MoEF&CC, Bhubaneswar for kind information and necessary action.

General Manger (E&T)
Rourkela Smart City Limited
Rourkela

Memo 3046 Dated 12/04/2021

Copy forwarded to the Regional officer, SPCB, Rourkela for kind information and

General Manger (E&T)
Rourkela Smart City Limited
Rourkela



(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. 250//3044/7071

Date. 12/04/7021

To.

The Member Secretary, State Pollution Control Board, Bhubaneswar

Submission of Environmental Statement (Form V) for the financial year 2020-2021 for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)"

Environmental Clearance letter no. 199/SEIAA, dated 27.01.2021 Ref:

Sir,

With reference to the subject cited above, please find enclosed Environmental Statement (Form V) for the financial year 2020- 2021 of the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" under the Smart City Mission Plan near Hockey Chowk at Rourkela in the

This is for favour of your kind information and necessary action.

General Manger (E&T) Rourkela Smart City Limited Rourkela

Memo 3045 Dated 12/04/2021

Copy forwarded to the Director, Regional Office of MoEF&CC, Bhubaneswar for kind information and necessary action.

> General Manger (E&T) Rourkela Smart City Limited Rourkela

Memo 3046 Dated 12/04/2021

Copy forwarded to the Regional officer, SPCB, Rourkela for kind information and

General Manger (E&T) Rourkela Smart City Limited

Rourkela





(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

23-84-2021

Letter No. RSCL/3110/2021

Fo.

The Dy. Commissioner, Rourkela Municipal Corporation

Sub: No objection Certificate for drainage connection and handling of Municipal Solid waste for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)"

Sir.

With reference to the subject cited above. I am to inform that the Rourkela Smart City Limited has taken up a project namely "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" under the Smart City Mission Plan near Hockey Chowk at Rourkela. As per the planning, the storm water runoff and excess treated water is planned to be discharged to Municipal drainage line running along Civil Township and Solid waste generated shall be collected by RMC for further disposal.

It is therefore requested to provide NOC for connecting the internal drainage system to Manteipal Drainage and handling of Solid waste

Encl.

- 1. Storm water drainage plan and quantity of storm & treated water discharge details.
- 2. Solid waste generated quantity details.

Yours Faithfully,

Chief Executive Officer Rourkela Smart City Limited Rourkela

12 4. N. S.



ନିର୍ବାହୀ ଯନ୍ତ୍ରୀଙ୍କ କାର୍ଯ୍ୟାଳୟ, ଜନସ୍ୱାସ୍ଥ୍ୟ ବିଭାଜନ, ରାଉରକେଲା ^{No.__/00 y___/Date_0}ቻ - 02 - 2020

To

The Chief Executive Officer, Rourkela SMART City Limited, Rourkela

Sub:- Issue of feasibility report for water supply to the proposed Rourkela One project (Integrated complex comprising of command & control Centre, Auditorium centre & Tribal Museum) near Hockey Chowk, Rourkela developed by Rourkela Smart City Ltd. .

Ref:- Your application No. 194 dt. 03.02.2020.

Sir,

As per the site inspection, there is public water supply system & it is feasible to cater the demand of the proposed Rourkela One project (Integrated complex comprising of command & control Centre, Auditorium centre & Tribal Museum) near Hockey Chowk, Rourkela.

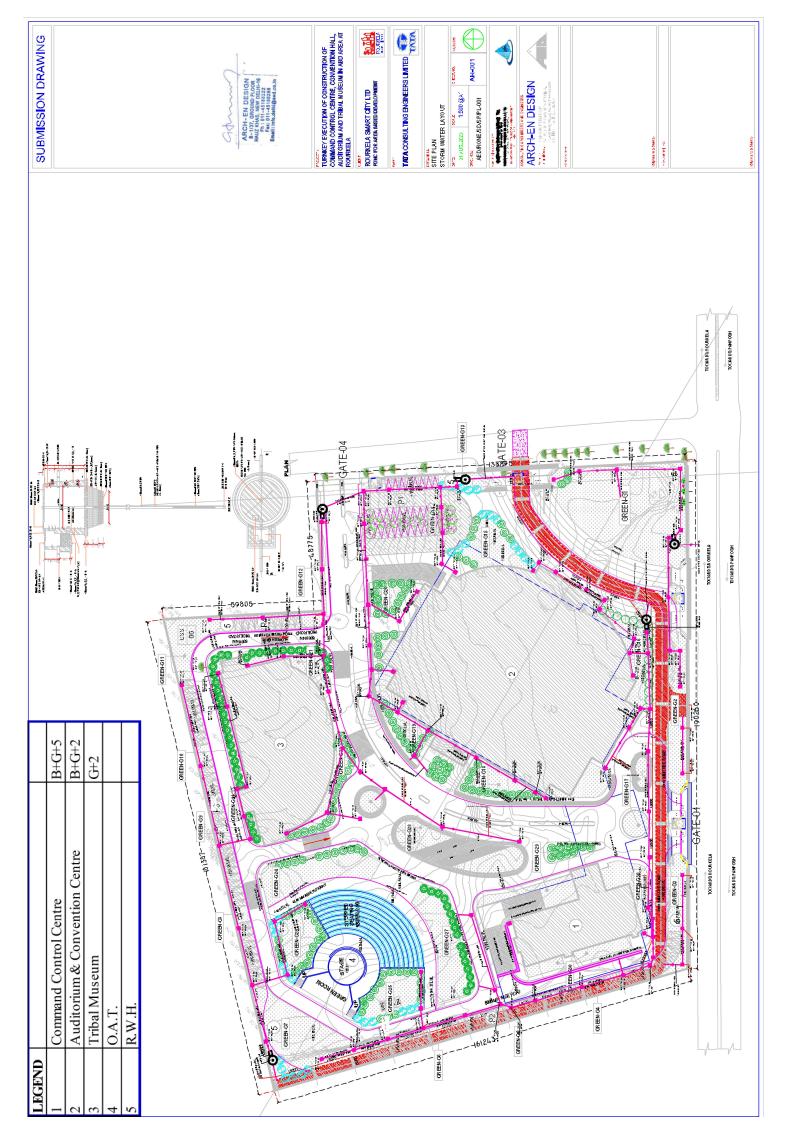
The applicant is allowed to take water supply connection for the above proposed project observing the following term & conditions.

- Requisite capacity of RCC storage reservoir (Demand of drinking water= 84,000 ltrs/day) is to be constructed in the above premises under the supervision of PHEO personnel.
- After completion certificate is obtained from the person concerned water supply connection will be given.
- iii. All the expenditure for laying of pipe line to the storage reservoir from the tapping point including interconnection & valve arrangement as per PH Specification will be borne by the agency.
- Road cutting permission if required during the execution of the above will be the sole responsibility of the agency.
- v. The water supply connection will be invariable metered for the proposed UGR
- vi. The Department is at liberty to disallow the water supply in case any emergency for which the applicant can not claim any compensation.

Yours faithfully,

Memo No 1005 /Date 07 -02 - 2020
Copy to the Asst. Executive Engineer, PH Sub-Division, Rourkela with for information & necessary action.









(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

23-84-2021

Letter No. RSCL/3110/2021

Fo.

The Dy. Commissioner, Rourkela Municipal Corporation

Sub: No objection Certificate for drainage connection and handling of Municipal Solid waste for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)"

Sir.

With reference to the subject cited above. I am to inform that the Rourkela Smart City Limited has taken up a project namely "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" under the Smart City Mission Plan near Hockey Chowk at Rourkela. As per the planning, the storm water runoff and excess treated water is planned to be discharged to Municipal drainage line running along Civil Township and Solid waste generated shall be collected by RMC for further disposal.

It is therefore requested to provide NOC for connecting the internal drainage system to Municipal Drainage and handling of Solid waste

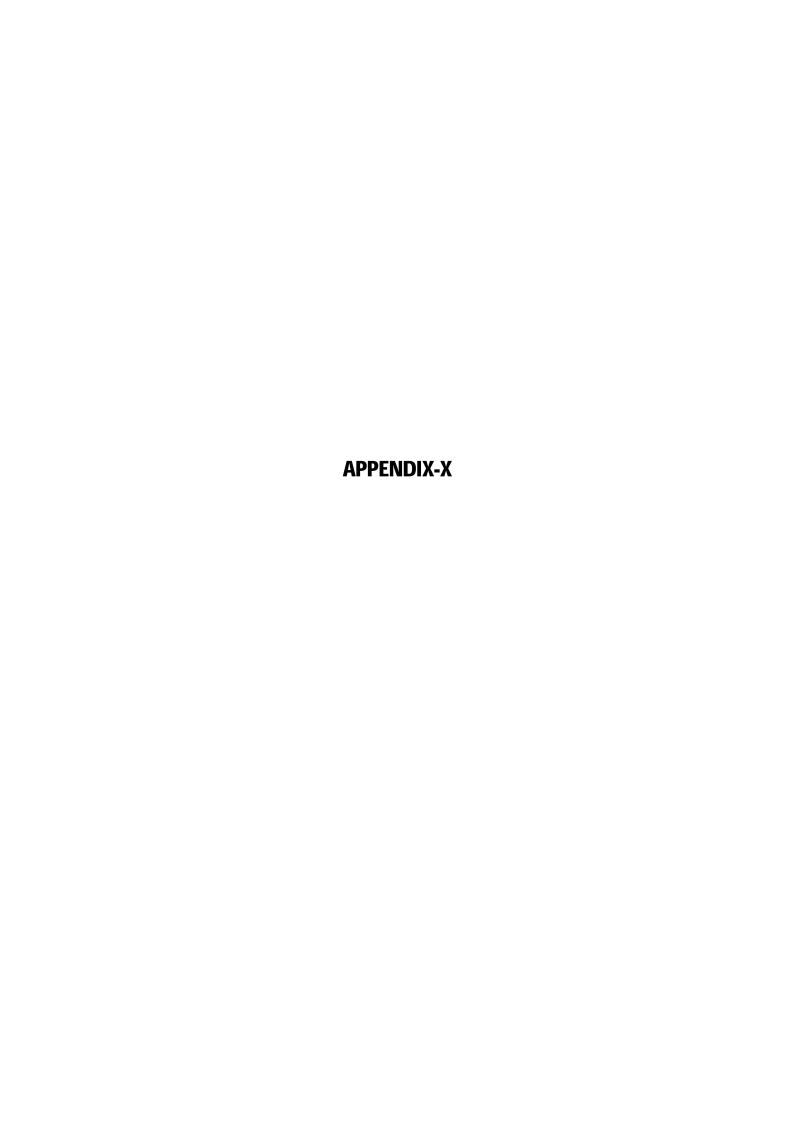
Encl.

- 1. Storm water drainage plan and quantity of storm & treated water discharge details.
- 2. Solid waste generated quantity details.

Yours Faithfully,

Chief Executive Officer Rourkela Smart City Limited Rourkela

12 d. 150









(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. RSCL/3141/2021

Date. 28-04-2021

To,

The Executive Engineer, WESCO, Rourkela

Sub: No objection Certificate for supply of power for the project "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)"

Sir,

With reference to the subject cited above, I am to inform that the Rourkela Smart City Limited has taken up a project namely "Construction of rOURkela One (Command Control Centre and Convention Hall, Auditorium & Tribal Museum)" under the Smart City Mission Plan near Hockey Chowk at Rourkela. As per the planning, the power requirement for the project is 2.12 MVA

It is therefore requested to provide NOC for supply of 2.12 MVA power.

Yours Faithfully,

General Manger (E&T) Rourkela Smart City Limited Rourkela

DOMNEW

DOMNEW

RECEIVED CLERK

Rourkela Sadar Electrical Division

TPWODL, Rourkela



1. Traffic Circulation & Road Widths

The site has in total 4 segregated Entry and Exits,

- General Entry-Exit 13.5m width in the Southern edge of the site
- General Entry-Exit 13.5m width in the Eastern edge of the site
- Emergency Entry-Exit 15m width in the bottom portion of the Eastern edge
- Emergency Entry-Exit 15m width in the right most portion of the Southern Edge

The roads would also be developed in two phases accordingly for phase 1 and 2 buildings. The general entry-exits would cater to all visitors and staff visiting the One Stop campus, also the pedestrians entering the complex. The General Entry Gates would be open and accessible all through the day. The Emergency Entry-Exits would cater to the fire safety demands on the site only during the times of need. Rest of the time the entry-exit gates would be closed, and the paved pathway would be treated as recreational space and pedestrian walkway.

The circulation within is planned in the form of a circular ring road running through the periphery of the site and catering to all the components of the site by radial roads. Clockwise movement has been proposed within site. The internal roads are proposed to be of 6m width. The total internal road length within the rOURkela One complex is 1085m (1.1 km).



Figure 1 rOURkela One Site Plan

1.1 Road Geometry

Based on availability of space, turning radius of all roads in the overall site has been proposed to be varying from 6m to 9m for smooth turning of fire tender vehicles and other goods vehicles like LCVs. In conditions of space constraint, 6m turning radius has been provided but not less than that.

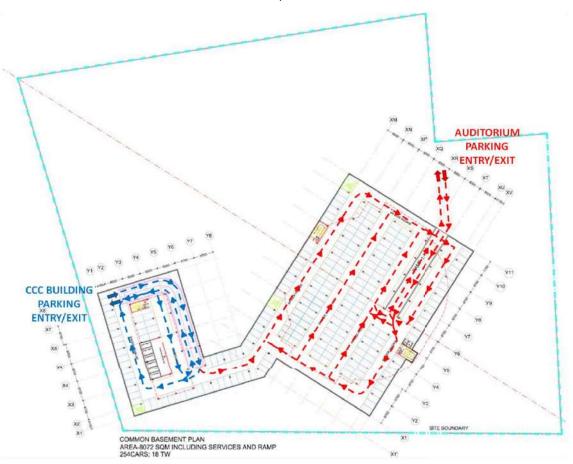
Details of traffic circulation are given below.

1.2 <u>Detailed Parking Area Calculation:</u>

Total ECS proposed at site is 360 which include 256 ECS in basement and 104 at surface Level. The further detail of same is as follow:

Basement Parking

A major portion of the site has basement parking provided, consisting of 1 level of parking (256 car spaces). Thus, total parking capacity of the Basement parking accounts to approximately 256cars. The Basement Parking has 2 ramps/Entry-Exits, one from each Auditorium & Convention Centre and Command Control Centre having a direct access to the proposed peripheral road of the site. The circulation plan drawing for which has been illustrated below,



rOURkela One Basement Plan

Surface Parking

Surface Parking is provided at the North-Eastern corner of the site. 40 car spaces of parking have been provided within the area. Addition to this there is also proposal to

accommodate more car parking along the internal periphery road which sum up to 64 no of car space. Thus, total ECS achieved / proposed on surface level is 40 + 64 = 104 ECS.

In the Proposed 'Rourkela one' project the parking calculations are done considering both NBC and local bylaws giving preference to the local by-laws norms and considering NBC if the local by law fails to give clear picture.

1.2.1 PARKING CALCULATION AS PER NBC:

As per NBC 2016 – part 1 – part 3 – annexure A – of street parking space for city with population above 500000 (case Rourkela) are as follow:

- Assembly area; cinema hall (case Auditorium & convention hall)
 ECS per 25 seat accommodated
- 2. Office space public / semipublic (case CCC building) = 1
 ECS per 100sqm Built Up Area
- 3. Exhibition building (case tribal museum) = 1
 ECS per 50 sqm of Built up area

Thus, total required parking for optimum condition as per NBC is as follow:

Table 1: Total Required Parking for Optimum condition as per NPC

BUILDING NAME	OCCUPANCY /	ECS	PARKING
	BUA		REQUIREMENT
Auditorium	1350 SEATS	1 ECS/ 25 SEATS	54 ECS
Convention Hall	1500 PPL	1 ECS/ 25 SEATS	60 ECS
CCC Building	4352.5 SQM	1 ECS/ 100 SQM	43 ECS
Tribal Museum	5241 SQM	1 ECS/ 50 SQM	104 ECS
Total Required ECS			ECS

1.2.2 Parking Calculation As Per Local By Laws

Considering the Local city bylaws, the required parking space is as follow:

For Auditorium building = 40% of BUA = 0.4*8455 = 3382 SQM of parking

For CCC Building = 30 % of BUA = 0.3*4352=2421SQM of parking

For Tribal Museum = 25 % of BUA = 0.25*5241 = 1310 SQM of parking

Thus, total parking area required as per the local by-laws = 7113 sqm

Accommodating 20% on surface and remaining 80% in basement; the proposed parking area as follow:

Surface parking = 1783 sqm = 104 ECS

Basement parking = 8072 sqm = 256 ECS (including service area).

EVENT DAY: PARKING CALCULATION AS PER RIDERSHIP SHARE IN RESPECT OF TRAFFIC SURVEY BY TCE

However, during the event days if the parking space provided inside the campus feels not to be adequate for all the vehicles of the spectators. In such scenarios we have identified dedicated parking spaces in nearby spaces which can be used during event days. Feeder bus service and e-rikshaw will be provided from the parking lots to the event area.

Table 2: Number of required parking during Event days as per ridership

Sr.	Buildings	Capacity/	No of Cars 12%	No of Two
No.		Occupancy		Wheelers 50%
1	Auditorium	1350	54	338
2	Convention hall	1500	60	375
3	CCC building	436	52	218
4	Tribal museum	524	21	131
	REQUIRED PAR	RKING	187CAR	1062 2W
	REQUIRED E	CS	187 ECS	212 ECS

Thus, Total ECS required = 187 + 212 = 399 ECS

Since the ECS required for tribal museum is more as per the NBC thus for tribal museum the ECS shall be considered as per NBC for event day calculation.

Thus, Total ECS considered = (54+60+52)+(388+375+218)/5 + 104 ECS = 466 ECS

Note -

As per the traffic survey the ridership share is 12% by car, 50% by two-wheeler & 38% spectator will commute by public transport. This is based on the traffic survey conducted for the city.

For auditorium; convention hall and tribal museum 3 people are considered per car and 2 people per 2-wheeler.

For CCC Building 1 person is considered per car and 2-wheeler. Details of available parking spaces is given in the table below,

Table 3: Available parking spaces details

Sr. No	Location for Parking	Distance from Stadium	ECS
1	Surface parking at site	0 KM	104
2	Basement parking	0 KM	256
3	Brahmani River front development	0.6 KM	110
		Total	470

1.2.3 <u>Traffic Calculation for Rourkela One</u>

Table 4: Traffic calculation for rOURkela One

	timated Population Rourkela One	4,620	(Maximum Peevents in all	-	_		ous
SI. No.	Traffic Calculation	Percent Share	Commuters Share	Assumed Average Commuter per Vehicle	Vehicle Nos.	PCU Factor	Volume in PCUs
1	Two Wheelers, Motor Cycle, Scooter, etc.,	50.00%	2310	1.5	1,540.00	0.5	770.00
2	Passenger Car, Pick- up Van/Taxi	12.00%	554	2	278.00	1	278.00
3	Auto Rickshaw	15.00%	693	1	693.00	1.2	832.00
4	Bus	15.00%	693	20	35.00	3.7	130.00
5	Walk/Others	8.00%	370	-	-	-	-
		100.00%			2,546.00		2,010.00

1.2.4 Traffic due to Rourkela One

The Traffic generated due to Rourkela one is calculated. The detail PCU factor Consider by referring below table.

Vehicle Type		Equivalen	t PCU Factors
	Perce	11 11 700	position of Vehicle raffic stream
		5%	10% and above
Fast Vehicles			
Two wheelers Motor cycle or scooter etc.		0.5	0.75
2. Passenger car, pick-up van	51	1.0	1.0
3. Auto-rickshaw		1.2	2.0
4. Light commercial vehicle		1.4	2.0
5. Truck or Bus		2.2	3.7
6. Agricultural Tractor Trailer		4.0	5.0
Slow Vehicles			
7. Cycle		0.4	0.5
8. Cycle rickshaw		1.5	2.0
9. Tonga (Horse drawn vehicle)		1.5	2.0
0. Hand cart		2.0	3.0

Figure 2: PCU Factor considered as per IRC: 106-1990

S. No.	Type of carriageway		esign Service Vol Categories of Ur	
		Arterial*	Sub-arterial**	Collector***
1.	2-Lane (One-Way)	2400	1900	1400
2.	2-Lane (Two-Way)	1500	1200	900
3.	3-Lane (One-Way)	3600	2900	2200
4.	4-Lane Undivided (Two-Way)	3000	2400	1800
5.	4-Lane Divided (Two-Way)	3600	2900	-
6.	6-Lane Undivided (Two-Way)	4800	3800	-
7.	6-Lane Divided (Two-Way)	5400	4300	-
8.	8-Lane Divided (Two-Way)	7200		-

Figure 3: Design Service Volume for Urban Roads PCU/ Hr. as per IRC: 106-1990

The impact of the Rourkela One on the Link Road is Calculated and Shown in the Below Table.

Table5: Calculation for Impact of rOURkela on link roads

	lmp	oact Traffic		
Year	Total Traffic (PCU/day)	Carriageway	Level of Service (LOS)	Remarks
2019	25774			
2020	27063		LOS A	
2021	28416			
2022	29837			
2023	31328			
2024	32895			
2025	34540	4-Lane Divided	LOSB	
2026	36267	. Lane Bividea		
2027	38080			
2028	39984			
2029	41983			
2030	44082		LOSC	
2031	46286		1030	
2032	48601			
2033	51031	Demands for	LOSD	
2034	53582	Six Lane	L03 D	1,000

The Link Road is Demands for Widening to Six Lane for the year of 2034 and it comes under Level of Service D (LOS D)

1.2.5 Entry Exist Width for the Project:

There are 3 types of entry and exit at site; i.e. at individual building level; basement level and plot entry and exit.

Individual buildings:

All the buildings are design as per NBC norms considering fire and safety norms. Thus, at times of full occupancy and emergency condition the staircase for fire exit and the doors are designed as per the safety norms which give direct access of people in building to an open and safe area.

Basement entry and exit:

The basement is design as per the fire safety norms staircase for exit from basement to open safe space are located at strategic location as per the safety norms. The entry and exit (carriage way) for vehicle are kept at 6M Wide; which allows a smooth flow of vehicle IN and OUT.

Normally in general practice we considered 1 entry and exit for 500 cars. In case of Rourkela One project there is a proposal of 2 entry and exit for 254 cars in basement.

Plot entry and exit:

The master plan shows 4 entry and exit to the plot. Two numbers of entry and exit are for normal movement while other two are reserved for emergency movement. Width of each entry and exit are kept minimum 12-meter-wide which allows two-way smooth movement traffic inside the campus.



Description	Illustration
Level of Service A: Represents a condition of free flow. Individual users are virtually unaffected by the presence of others in the traffic stream. Freedom to select desired speeds and to mano euvre within the traffic stream is high. The general level of comfort and convenience provided to the road users is excellent.	

Level of Service B: Represents a zone of stable flow, with the drivers still having reasonable freedom to select their desired speed and manoeuvre within the traffic stream. Level of comfort and convenience provided to the road users is good.



Level of Service C: This also is a zone of stable flow, but marks the beginning of the range of flow in which the operation of individual drivers starts getting affected by interactions with others in the traffic stream. The selection of speed is now getting affected by the presence of others, and manoeuvring within the traffic stream requires vigilance on the part of the user. The general level of comfort and convenience starts declining.



Level of Service D: Represents the limit of stable flow, with conditions approaching close to unstable flow Due to high density, the drivers are severely restricted in their freedom to select desired speed and manoeuvre within the traffic stream. The general level of comfort and convenience is poor. Small increases in traffic flow will usually cause operational problems at this level.



Level of Service E: Represents operating conditions when traffic volumes are at or close to the capacity level. Freedom to manne euvre within the traffic stream is extremely difficult, and is generally accomplished by forcing a vehicle to give way to accommodate and manneeuvres. Level of comfort and convenience is poor, and driver frustration high. Operations at this level are usually unstable, because small increases in flow or minor disturbances within the traffic stream will cause breakdowns.

Level of Service F: Represents zone of forced or breakdown flow. This condition occurs when the amount of traffic approaching a point exceeds the amount, which can pass it. Queues form behind such locations. Operations within the queue are characterised by stop-and-go waves, which are extremely unstable. Vehicles may progress at a reasonable speed for several hundred metres and thereafter may be required to stop in a cyclic fashion. Due to high volumes, breakdown occurs and long queues and delays are a result.





Environmental Management Plan

Based on the environmental and social impacts identified in the above section, a detailed Environmental Management Plan is developed for the pre-construction and construction phase of the project. The same is presented in Table 18 below.

Table 1: Summary of Potential Impacts and Mitigation Measures for Construction Phase

Implementing Agency	Contractor/ RSCL	Contractor/ RSCL
Impact Evaluation	No off-site impact envisaged as there is no surface water receiving body in impact zone.	Minor negative impact as quality generated is small and execution of EMP will reduce the impact to acceptable level.
Controls through EMP & Design	 On site diversion ditch will be constructed to control any surface run-off during site development Avoid demolition & excavation during monsoon season. Care should be taken to avoid soil erosion. All stacking and loading areas will be provided with proper garland drains to prevent run off from the site. During construction, proper arrangements shall be made to dispose of any wastewater generated from the area. 	 Careful handling of materials Controlling spillage through better management Provision of dykes for material storage units of material such as oil.
Potential Source of Impact	Surface runoff carrying loose soil particles	Waste water generated during construction activity containing waste water, various chemicals, solvents etc.
Potential Impacts	Surface water contamination	Ground water contamination
Environmental Components	Surface water quality	Ground water quality
Sr. No.	-	и

Sr. No.	Environmental Components	Potential Impacts	Potential Source C of Impact	Controls through EMP & Design	Impact Evaluation	Implementing Agency
က်	Storm water	Contamination of Stom water	- Diesel and oil spills in the diesel power - generator and - fuel storage area Waste spills in the solid waste storage & dump area Oil spills and leaks in vehicle parking lots.	- Regular inspection and deaning of storm water drains to ensure cleanliness. Cover waste storage areas. Provision of silt traps in storm water drains.	Not significant	Contractor/ RSCL
4	Ground water quality	Ground water depletion	Use of ground water for activity	There is no ground water extraction for the project except if required for landscape/ irrigation.	No impact	Contractor/ RSCL
ம்	Air Quality	Dust Emissions	Heavy construction and demolition activities.	Emission control particle filters on Construction equipment Rapid on-site construction Improved maintenance of construction equipment Use of vehicles with valid Pollution Under Check (PUC) certificate Apply water to at least 80% of the surface areas of all open storage piles daily when there is evidence of wind driven fugitive dust Apply dust suppressants in enough quantity and frequency to maintain a stabilized surface	Not significant.	Contractor/ RSCL

ШО	Environmental Components	Potential Impacts	Potential Source of Impact	Controls through EMP & Design	Impact Evaluation	Implementing Agency
		l		- Downwash of trucks (especially tyres) prior to departure from site.	ı	
		Emissions of SPM, SO ₂ , NO _x and CO	Operation of construction equipment and vehicles during site development.	 Emission control particle filters on Construction equipment. Using electrically operated construction machinery is the best way to avoid external pollution produced by diesel engines The diesel generators used on site, in case of power failure, are maintained properly Rapid on-site construction Improved maintenance of construction equipment Use of vehicles with valid Pollution Under Check (PUC) certificate 	Not significant.	Contractor/ RSCL
		•	Emission from Hot- Mix Plants and Batching Plants	- These shall be located sufficiently away from habitation, agricultural operations or industrial establishments. Where possible such plants will be located at least 1000 m downwind from the nearest habitation. The exhaust gases, and operation of the plants shall comply with the requirements of the relevant current emission control rules (as per OSPCB)	Temporary	Contractor/ RSCL
ZΨ	Noise Environment	Noise emissions	Operation of construction & demolition equipment and vehicles during site development.	 Use of well-maintained equipment fitted with silencers. Providing noise shields near the heavy construction operations Construction activity will be limited to daytime hours only 	Considering the present traffic flowing through the area, and existing commercial activities no noise	Contractor/ RSCL

Implementing Agency		actor/	actor/
Implem Agency		Contractor/ RSCL	Contractor/ RSCL
Impact Evaluation	increase expected from the project activities.	Not significant. Impact will be local, as any waste generated will be reused for construction activities. Not significant.	Not significant. All precautions will be taken during any such activities
Controls through EMP & Design		- Contractors will be appointed for debris disposal & recycling as per rules Hazardous waste generated during construction phase shall be stored in sealed containers, labelled, and disposed of as required by the Hazardous Wastes Management and Handling Rules (2016) - Waste generated from labour camps, noncompostable and non-recyclable portion of the waste shall be collected and send to authorized agency The contractor shall take the top soil out separately and stockpile it. After the construction activity is over, top soil shall be utilized for landscaping activity	- Along sections abutting water bodies, stone pitching needs to be carried out for slopes between 1:4 and 1:2 Gabion structures/ Grass turfing shall be provided for slopes steeper than 1 vertical to 2 horizontal.
Potential Source of Impact		- Disposal of construction & demolition debris Inappropriate disposal of liquid waste, (lubricating oil and fuel spills, waste oil and lubricant and vehicle/ equipment washing effluent) and solid waste (fuel filters, oily rags)	- Weakening of soil layers through Burrowing of earth and other
Potential Impacts		Soil	Soil Erosion
Environmental Components		Environment	
Sr. No.		k.	

Sr. No.	Environmental Components	Potential Impacts	Potential Source of Impact	Controls through EMP & Design	Impact Evaluation	Implementing Agency
			earthwork resulting into soil erosion			
ထ်	Biological Environment	Displacement of Flora and Fauna on site	Site development during demolition & construction.	- After completion of soil work, temporary vegetation preferably grasses to be planted to minimize soil erosion	Beneficial Impact.	Contractor/ RSCL
				- Trees will be removed from the corridor of impact (or, site) before the commencement of construction with prior clearance from the Forest Dept.	Significant Impact. Any tree cutting is accountable.	Contractor/ RSCL
<u>ဝ</u> ်	Socio-Economic Environment	Employment opportunities	Construction activities.	- There will be generation of employment for local labour due to the ensuing construction activities	Beneficial Impact.	Contractor/ RSCL
10.	Traffic Pattern	Increase of Vehicular traffic	Heavy vehicular movement during construction.	 Heavy vehicular movement will be restricted to nonpeak traffic hours only. Adequate parking facility will be provided 	No Negative Impact.	Contractor/ RSCL

Table 2: Summary of Potential Impacts and Mitigation Measures for Operational Phase

Implementing Agency	Contractor/ RSCL	Contractor/ RSCL	Contractor/ RSCL
Impact Evaluation	No off-site impact envisaged.		No negative impact on ground water
Controls through EMP & Design	 Waste water will be collected from all units by properly designed drainpipes and will be treated in centralized Sewage Treatment Plant (STP) of city. The treated water will further be advised for reusing it for flushing. Water consumption will be minimized by a combination of water saving devices and other domestic water conservation measures. 	 Regular inspection and cleaning of storm water drains to ensure cleanliness. Cover waste storage areas. Provision of silt traps in storm water drains. Good housekeeping in the above areas 	- No sewer discharge will be directed to ground water sources.
Potential Source of Impact	Discharge of domestic wastewater to surface water body.	- Waste spills in the solid waste storage area Oil spills and leaks in vehicle parking lots Silt from soil erosion in landscape area	- Sewage discharge on site or off site
Potential Impacts	Surface water contamination	Storm water contamination	Ground water contamination
Environmental Components	Surface water quality	Storm water	Ground water quality
S. O.	/-	7	က်

S	Environmental Components	Potential Impacts	Potential Source of Impact	Controls through EMP & Design	Impact Evaluation	Implementing Agency
					quality envisaged	
4	Air Quality	Emissions of SPM, SO2, NOx and CO	- Emissions from vehicular traffic in operations.	 Use of good quality fuel with low Sulphur content Periodic maintenance of DG sets as per defined schedule of manufacturer Providing adequate stack heights. Vehicle flow and traffic should be management in systematic manner Vehicles carrying the construction material and sand shall be covered properly Loading and unloading of construction materials must be in covered area with provisions of water fogging around these locations Regular maintenance of machinery and equipment is essential; vehicular pollution check should be made mandatory. 	No impact is envisaged.	Contractor/ RSCL
ശ്	Noise Environment	Noise emissions	- Noise from - vehicular movement and DG sets.	- Better acoustic control will be maintained in the auditorium & convention center by use of noise absorbent measures and DG sets will be acoustically enclosed.	Not significant. The backgroun d noise	Contractor/ RSCL

N. O.	Environmental Components	Potential Impacts	Potential Source of Impact	Controls through EMP & Design	Impact Evaluation	Implementing Agency
			- Noise during the any events	 Staff to use earplugs inside DG room. Noise level monitoring during the day time near the sensitive receptors should also be made mandatory Anti-honking sign boards will be placed in the parking areas and on entry and exit points. Green belt is provided as a barrier to cut the noise levels 	levels are considerably y high; thus, noise mingling would occur in a few meters distance.	
ဖ်	Land Environment	Soil contamination	The project is going to reduce the waste disposal on the ground, therefore, land contamination would reduce.	This project is for managing waste disposal on the ground.	No impact on site.	Contractor/ RSCL
~	Socio- Economic Environment	Employment opportunities	Plant operation.	 Project will provide employment opportunities to the local people in terms of service personnel during operations. Providing comparatively better infrastructure. 	Beneficial Impact.	Contractor/ RSCL

Sr. No.	Environmental Components	Potential Impacts	Potential Source of Impact	Controls through EMP & Design	Impact Impleme Evaluation Agency	Implementing Agency
ထ်	Biological environment	Displacement of flora & fauna	Plant operation	- Enhancement of the current ecology at the proposed project site will entail the plantation and landscaping within the proposed development		





(A SPV OF GOVERNMENT OF ODISHA, RMC & RDA)

Letter No. 1156

Date. 14-07.2020

OFFICE ORDER

In order to monitor the Environmental impact of all the projects to be taken of by Rourkela Smart City at Rourkela an Environmental Cell is hereby constituted under the Chairmanship of CEO, RSCL with the following officials as members.

1. Chief Executive Officer, RSCL

: Chairman

2. General Manager (Operation), RSCL

: Member

3. General Manager(E&T), RSCL

: Member

A. Regional Officer or Representatives,

: Member

Regional Office State Pollution Control Board, Rourkela

5. Team Leader, Tata Consulting Engineers Limited (TCE) 6. Environment Expert, RSCL

: Member

: Member Convener

The committee will meet once in a month or as and when required to assess and monitor the impact of all the Projects on Environment and ensure proper implementation of Environmental Management Plan (EMP).

> Chief Executive Officer Rourkela Smart City Limited Rourkela

Memo No. 1157 Date. 14:07:2020

Copy forward to the officers concerned for information and necessary action

onal Office

Chief Executive Officer Rourkela Smart City Limited

Uditnagar, Rourkela- 769012, Sundargarh, Odisha 🖀 . (0661)- 2500 388/2500 239 x; rourkelascl@gmail.com ?: www.rmc.nic.in CIN: U749990R2016PLC026168





भारतीय प्रौद्योगिकी संस्थान रुड़की INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

सिविल अभियांत्रिकी विभाग DEPARTMENT OF CIVIL ENGINEERING रुड़की – 247 667, उत्तराखण्ड, भारत ROORKEE-247 667, UTTARAKHAND, INDIA

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Ref. No: CED/AC/R/RKLONE/1

Date: 28.09.2020

To, M/s. Arch-En Design, 4/5, Vishal khand Gomti Nagar Lucknow: 226010

Sub: Vetting of Structural Designs for Proposed Construction of Rourkela One at Rourkela, Odisha

Ref:

1. Letter No. AED/ROURKELAONE/2019-20/27082020 dated 27 August, 2020

2. Structural design calculations and drawings as submitted

This is to certify that the structural designs and drawings of Proposed Construction of Rourkela One at Rourkela, Odisha have been checked and found to be safe and conforming to the latest relevant codes of practice as per the latest Indian standards. All the stipulated combinations of gravity Loads and the relevant lateral loads have been considered and duly incorporated in the analysis and design.

The responsibility of the Indian Institute of Technology Roorkee shall be limited to checking of structural design calculations and drawings only. All procedural /legal/operational matters and architectural/functional details will be the responsibility of the owner.

Sincerely

(Dr. A. Chakrabarti)

Dr. Anupam Chakrabarti
Professor
Department of Civil Engineering
Indian Institute of Technology Roorkee
Roorkee-247 667. Uttarakhand. India