

**Appendix 1
(See Paragraph - 6)
FORM 1**

(I) Basic Information

Sl. No.	Item	Details																																
1	Name of the Project	0.6 MTPA Integrated Steel Plant & 130 MW of Power Plant, near Hampaptnam, by M/s RBSSN Ferrous Industries Pvt Ltd. Hagaribommanahalli Taluk , Bellary District, Karnataka.																																
2	S.No. in the schedule	Project Activity No. : 2(b), Mineral Beneficiation, 3(a), Metallurgical Industries (Ferrous] 1(d), Power plant.																																
3	Proposed capacity / area / length / tonnage to be handled / command area / lease area / number of wells to be drilled	<p>Table : Product Capacity of the Plant</p> <table border="1"> <thead> <tr> <th>Cat.</th> <th>Sl. No.</th> <th>Process as per FGT Units</th> <th>Capacity As per KUM</th> </tr> </thead> <tbody> <tr> <td rowspan="2">2(b)</td> <td rowspan="2">Mineral Beneficiation</td> <td>Iron Ore Beneficiation Plant</td> <td>1.20 Mt/Yr</td> </tr> <tr> <td>Iron Ore Pellet Plant 1.2 MT</td> <td>1.20 Mt/yr</td> </tr> <tr> <td rowspan="2">3(a)</td> <td rowspan="2">Metallurgical Industries (Ferrous]</td> <td>DRI Plant</td> <td>2x 0.5Mt/yr</td> </tr> <tr> <td>Electric Steel melting Billet Cast</td> <td>0.6 Mt/yr</td> </tr> <tr> <td>1(d)</td> <td>Thermal Power plant</td> <td>WHRB CFBC 2x 50 MW Total</td> <td>30 MW <u>100MW</u> 130 MW</td> </tr> </tbody> </table> <p>Table : Environment Cost & other details</p> <table border="1"> <tbody> <tr> <td>Capital Cost</td> <td>Earlier : Rs1380 Crore Revised to Rs 1817.40 Crores</td> </tr> <tr> <td>Cost towards Pollution control measures</td> <td>Rs 151.58 Crore</td> </tr> <tr> <td>Area of the proposed plant</td> <td>215 ha or 531.22 acres</td> </tr> <tr> <td>Green belt</td> <td>71 ha</td> </tr> <tr> <td>Man Power requirement</td> <td>924</td> </tr> <tr> <td>Schedule of completion</td> <td>36 months from Zero date.</td> </tr> </tbody> </table>	Cat.	Sl. No.	Process as per FGT Units	Capacity As per KUM	2(b)	Mineral Beneficiation	Iron Ore Beneficiation Plant	1.20 Mt/Yr	Iron Ore Pellet Plant 1.2 MT	1.20 Mt/yr	3(a)	Metallurgical Industries (Ferrous]	DRI Plant	2x 0.5Mt/yr	Electric Steel melting Billet Cast	0.6 Mt/yr	1(d)	Thermal Power plant	WHRB CFBC 2x 50 MW Total	30 MW <u>100MW</u> 130 MW	Capital Cost	Earlier : Rs1380 Crore Revised to Rs 1817.40 Crores	Cost towards Pollution control measures	Rs 151.58 Crore	Area of the proposed plant	215 ha or 531.22 acres	Green belt	71 ha	Man Power requirement	924	Schedule of completion	36 months from Zero date.
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4	New/ Expansion/ Modernization	New – Green field Project.				
5	Existing Capacity/ area etc	Not Applicable				
6	Category of project i.e. 'A' or 'B'	Category A, Please ref row 3 above for capacity.				
7	Does it attract the General Condition? If Yes, please specify	No. Site Location does not attract General condition.				
8	Does it attract the Specific Condition? If Yes, please specify	No				
9	Location					
	Plot/Survey/ Khasra No.	Land details (For details please see Annexure 1 & 2)				
Identified, in Possession & Under Negotiation						
Description		Villages - Unit Acres				Total
		Hampanapatna	Varadpur	Vysapur	Marbihallu	
Land Identified	Patta Land	209.36	48.30	69.31	52.33	379.30
	Government Land	17.89	10.70	1.48	52.04	82.11
	KIADB Govt Land	3.32	3.91	11.37	--	18.60
Total		230.57	62.91	82.16	104.37	480.01
in possession	Patta Land	205.02	35.10	61.88	52.33	354.33
	Government Land	13.08	10.70	1.48	23.31	48.57
Total		218.10	45.80	63.36	75.64	402.90
Land agreement in place	Patta Land	4.34	13.20	7.43	--	24.97
	KIADB Govt Land	3.32	3.91	11.37	--	18.60
Total		7.66	17.11	18.80	-	43.57
Total						446.47
Under Negotiation	-	84.75 Acres to be negotiated				84.75
Total						531.22
Project site locating on the topo map no 57/4 and 57A/8, showing Core area and Buffer area consisting 10 km radius, is furnished in Annexure 3A						
Villages			<ul style="list-style-type: none"> ✓ Hampapatnam, ✓ Vyasapur, ✓ Varadapur and ✓ Marabbihalu. 			
Tehsil			Hagaribommanahalli			

	District	Bellary												
	State	Karnataka												
10	Nearest Railway Station/ airport along with distance in Kms	a) JSW Air port near Thorangallu, Bellary Taluk & District 40 Km from the proposed site b) Railway station : Hampapatnam, 1.25Km												
11	Nearest Town, City, District Headquarters along with distance in Kms	<table border="1"> <thead> <tr> <th>Attributes</th> <th>Information</th> <th>Distance in Km from proposed site (aerial distance)</th> </tr> </thead> <tbody> <tr> <td>Taluk</td> <td>Hagaribommanahalli</td> <td>11</td> </tr> <tr> <td>Town</td> <td>Hospet</td> <td>18</td> </tr> <tr> <td>District Head quarter</td> <td>Bellary City</td> <td>65</td> </tr> </tbody> </table>	Attributes	Information	Distance in Km from proposed site (aerial distance)	Taluk	Hagaribommanahalli	11	Town	Hospet	18	District Head quarter	Bellary City	65
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District Head quarter	Bellary City	65												
12	Village Panchayat, Zilla Parishad, Municipal Corporation, Local Body (Complete postal addresses with telephone nos. to be given)	<p style="text-align: center;">Address</p> <p>a) Village Panchayats :</p> <p style="padding-left: 40px;">i. Office of the Village Panchayat, Hampapatnam, Post : Hagaribommanahalli Taluk Bellary District. Karnataka.</p> <p style="padding-left: 40px;">ii. Office of the Village Panchayat, Vyasapura Post : Hagaribommanahalli Taluk Bellary District. Karnataka.</p> <p style="padding-left: 40px;">iii. No office Telephone Number</p> <p>b) Office of The Zillah Parishath Zillah Parishath Bellary Karnataka.</p>												
13	Name of the applicant	Mr. Ajay Saraf, Director M/s RBSSN Ferrous Industries Pvt Ltd.												
14	Registered Address	RBSSN Ferrous Industries Pvt Ltd Door no 1499/1 , PO Box no : 38, Kariganur, Hospet : 583201.												
15	Address for the Correspondence													
	Name	Mr. Ajay Saraf												
	Designation(Owner/Partner/CEO)	Director												
	Address	RBSSN Ferrous Industries Pvt Ltd Door no 1499/1 , PO Box no : 38, Kariganur, Hospet.												
	Pin code	583201												

	E-mail	ironorehospet@2gmail.com office@rbssn.com madhavarao@rbssnfipl.com
	Telephone No.	08394-266011/265825
	Fax No.	08394- 265424/266188
16	Details of Alternative Sites examined , if any. Location of these sites should be shown on a topo sheet	Three alternate sites were examined. Details are provided in Annexure-3B
17	Interlinked Projects	No
18	Whether separate application of interlinked project has been submitted?	No
19	If Yes, date of Submission	Does not arise
20	If no, reason	-
21	Whether the proposal involves approval / clearance under : if Yes, details of the same and their status to be given. 1. The Forest (Conservation) Act, 1980? 2. The Wildlife (Protection) Act, 1972? 3. The CRZ Notification, 1991?	No No No
22	Whether there is any Government Order / Policy relevant / relating to the site?	The Commerce and Industries Department, Government of Karnataka has accorded in principle approval of the Project, sanctioning land, water, etc by - based on State High Level Clearance Committee [SHLCC], vide Government order no : CI71SPI2010 Bangalore Dated 10.03.2011. A copy of the Govt. order of C&I Department, Government of Karnataka is enclosed as Annexure 4
23	Forest Land involved (hectares)	Nil
24	Whether there is any litigation pending against the project and / or land in which the project is proposed to be set up? 1. Name of the Court 2. Case No. 3. Orders / directions of the Court, if any and its relevance with the proposed project	No

(II) Activity

1.0 Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies, etc.)

Sl. No	Information/Checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data.
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1.1	Permanent or temporary change in land use, land cover or topography including increase in intensity of land use (with respect to local land use plan)	Yes	<p>Present land use is dry agriculture.</p> <p>Permanent change of present land use pattern from dry agricultural land to industrial activity.</p> <p>Land requirement of 215.07 Ha (531.22 acres) for establishment of Integrated Steel plant of 0.6 MTPA & 130 MW Captive Power, covering land industrial activity buildings, internal Roads, Greenbelt development, Ash Dyke, Water Storage and Railway Siding etc.,</p>
1.2	Clearance of existing land, vegetation and buildings?	Yes	<p>i. There are no buildings on the proposed site, The proposed site is 1.00-Km from boundary Hampaptna village.</p> <p>ii. The proposed site is 1.25 Km from boundary varadapura village.</p> <p>iii. Vysapura Village is located 1. 25 Km from the boundary of the site</p> <p>iv. Clearance of vegetation will be carefully done, keeping in view not disturbing soil. The earth work will be done where buildings / industrial activities are proposed.</p> <p>v. Other areas will not be disturbed.</p> <p>vi. 33% of the land will be developed as green belt area.</p>
1.3	Creation of new land uses?	Yes	From dry agricultural land to, Industrial activity.
1.4	Pre-construction investigations e.g. bore holes, soil testing?	Yes	Will be under taken before construction activity, after EC and CFE are obtained
1.5	Construction works?	Yes	Construction of Steel Plant & Power Station
1.6	Demolition works?	No	No such activity is required
1.7	Temporary sites used for construction works or housing of construction workers?	Yes	<p>During construction phase temporary housing for about 40- 50 housing sheds [200 workers], surface drainage system; will be planned in the project site.</p> <p>Adequate water supply and sanitation facility will be provided in Temporary sheds area.</p>
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	<p>Above ground structures.</p> <p>Main plant area requires to be leveled. The extent of earth work will be such that Cutting and formation will be balanced. However minimum earth work to the extent required will be undertaken.</p> <p>Earth work for Storage of</p> <ol style="list-style-type: none"> 1. Raw water 2. Slime pond/ tailing dumps 3. Ash pond 4. Controlled land fill for <ol style="list-style-type: none"> a. SMS sludge, b. Broken brick Refractories 5. Fly ash dyke <p>are required</p>

1.9	Underground works including mining or tunneling?	No	No such activity is required.
1.10	Reclamation works?	No	No such activity is involved
1.11	Dredging	No	No such activity is involved
1.12	Offshore structure	No	No such activity is involved
1.13	Production and manufacturing processes?	Yes	Integrated Steel plant and generation of Thermal Power using WHRBs & CFBC Boiler coal as fuel.
1.14	Facilities for storage of goods or materials?	Yes	During Construction Phase: Storage of Construction materials. During Operation Phase: Facilities for storage for Iron ore, Dolomite, Coal, HFO, LDO, finished products will be provided.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents?	Yes	A facility for treatment of raw water is required. Waste water Treatment facilities and storage of solid waste will be provided. They are : <ul style="list-style-type: none"> i. Slime pond/ tailing dumps ii. Ash pond iii. Controlled land fill for SMS Slag, Broken brick Refractory iv. Ash dyke. Hazardous waste (over ground storage) <ul style="list-style-type: none"> i. Waste oil ii. Lead Acid Batteries iii. Oil soaked cotton wastes iv. Used resins
1.16	Facilities for long term housing of operational workers?	Yes	Housing Colony is proposed to be located 1 Km away from project site on the North west Quadrant [with respect to project site]
1.17	New road, rail or sea traffic during construction or operation?	Yes	<ul style="list-style-type: none"> i. The distance between the Project site boundary and Varadapura village boundary is 1.25 Km. ii. The Varadapura village is in Hagaribommanahalli Taluk, Bellary District. iii. Project site is 1.6 Km from SH -25 (Hospet – Harihar - Shimoga SH-25). The Varadapura Village is located along SH-25. iv. The project site is accessible through a Minor District Road, which is taking off from Varadapura Village to Vysapura village. v. No need for construction of new Road or railway line. vi. South western Broad gauge Railway line is adjoining the proposed boundary of Project site. vii. The Railway sidings will be established adjacent to Railway line. Main raw materials viz, Coal, Iron Ore will be obtained from Rail

			<p>way. Main Products will also be transported by Railway.</p> <p>viii. The railway sidings will be put to use for transporting Coal Ash from Thermal Plant to cement plants during operation.</p>
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc?	Yes	As mentioned above Sl. No. 1.17
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?	No	Not required
1.20	New or diverted transmission lines or pipelines?	Yes	<p>a) A Power transmission line from Project site to Power Receiving Station at Itagi is to be erected for a distance of 30 Km.</p> <p>Or</p> <p>b) Line in and Line out Facility from the existing 200 KVA line facility to be extended to proposed site by KPTCL.</p> <p>c) The said line is 5 Km from the proposed site</p> <p>d) A raw water pipe line for a distance of 8 Kms to draw water from d/s of Tungabhadra reservoir - is required.</p>
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of watercourses or aquifers?	Yes	<p>a) Raw Water has to be impounded for process requirement in the Factory land.</p> <p>b) No change of water course / hydrology in the proposed project site.</p> <p>c) Only training of surface drain within the Project area to suit layout requirement will be done. The rain water will be harvested</p>
1.22	Stream crossings?	No	Not required
1.23	Abstraction or transfers of water form ground or surface waters?	Yes	The Commerce and Industries Department, Government of Karnataka has allocated 18 MLD from nearest Water source, subject to approval from Water Resources Department, vide annexure 4.
1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	No such activity
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	<p>During Construction Phase:</p> <p>a) Transport of personnel during construction period</p> <p>b) Construction Materials like cement, Steel, Jelly and sand. Plant & Machinery</p> <p>During Operation Phase:</p> <p>a) Transport of raw materials such as Coal and Iron ore by Railway</p> <p>b) Transport of Product by Railway.</p> <p>c) Disposal of Fly ash (from CFBC boiler) by</p>

			Railway.
1.26	Long-term dismantling or decommissioning or restoration works?	No	No such activity is required.
1.27	Ongoing activity during decommissioning which could have an impact on the environment?	No	NA
1.28	Influx of people to an area in either temporarily or permanently?	Yes	Influx of people is expected during construction phase. This is only for a temporary period. During operation phase the entire project area will be developed as per plan.
1.29	Introduction of alien species?	No	No
1.30	Loss of native species or genetic diversity?	No	No
1.31	Any other actions?	No	Nil

2.0 Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are non-renewable or in short supply):

Sl.No.	Information/checklist confirmation	Yes/ No	Details thereof (with approximate quantities /rates, wherever possible) with source of information data																																						
2.1	Land especially undeveloped or agricultural land (ha)	Yes	<p>a) The extent dry land identified for the project by proponent : 531.22 acres [pl.ref ; Sl. No. 9 of this document above]</p> <p>b) The land sanctioned by State Govt. :</p> <table border="1"> <thead> <tr> <th>Attributes</th> <th>Date</th> <th>Acres.</th> <th></th> </tr> </thead> <tbody> <tr> <td>Extent of land</td> <td>25.02.2010</td> <td>331.22</td> <td>Annexure 5</td> </tr> <tr> <td>Additional Land</td> <td>10.03.2011</td> <td>200 00</td> <td>Annexure 4</td> </tr> <tr> <td></td> <td>Total</td> <td>531.22</td> <td></td> </tr> </tbody> </table> <p>c) Land requirement for the project :</p> <table border="1"> <thead> <tr> <th>Land Description</th> <th>Hectare</th> </tr> </thead> <tbody> <tr> <td>Factory Industrial buildings,</td> <td>65.74</td> </tr> <tr> <td>Roads & Rail way sidings</td> <td>40.00</td> </tr> <tr> <td>Township</td> <td>3.06</td> </tr> <tr> <td>SMS slag & Tailing Pond</td> <td>14.50</td> </tr> <tr> <td>Green belt area.</td> <td>69.10</td> </tr> <tr> <td>Water storage area,</td> <td>22.93</td> </tr> <tr> <td>Total</td> <td>215.07</td> </tr> <tr> <td></td> <td>or</td> </tr> <tr> <td></td> <td>531.22</td> </tr> <tr> <td></td> <td>acres</td> </tr> </tbody> </table>	Attributes	Date	Acres.		Extent of land	25.02.2010	331.22	Annexure 5	Additional Land	10.03.2011	200 00	Annexure 4		Total	531.22		Land Description	Hectare	Factory Industrial buildings,	65.74	Roads & Rail way sidings	40.00	Township	3.06	SMS slag & Tailing Pond	14.50	Green belt area.	69.10	Water storage area,	22.93	Total	215.07		or		531.22		acres
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x2.2	Water (expected source &	Yes	The Commerce and Industries Department, Government																																						

	competing users) unit: KLD		of Karnataka has allocated 18 MLD from nearest Water source, (TB River) subject to approval from Water Resources Department, vide Annexure 4														
2.3	Minerals (MT)	Yes	<table border="1"> <thead> <tr> <th>Attributes</th> <th>Tonnes per year</th> </tr> </thead> <tbody> <tr> <td>Mineral Low grade Iron Ore fines.</td> <td>19,20,000</td> </tr> </tbody> </table>	Attributes	Tonnes per year	Mineral Low grade Iron Ore fines.	19,20,000										
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2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	Construction material quantity is yet to be worked out, will be covered in EIA document														
2.5	Forests and timber (source – MT)	No	No														
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	<table border="1"> <thead> <tr> <th>Attributes</th> <th>Tonnes per year</th> </tr> </thead> <tbody> <tr> <td>Fuel</td> <td></td> </tr> <tr> <td>a) Non Coking Coal for Steel Plant</td> <td>4,10,000 (Indian Coal)</td> </tr> <tr> <td>b) Coal for Power Plant</td> <td>4,15,000 (Imported- Indonesian Coal)</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Annual Electric energy consumption in the plant 730 Million units. The Maximum demand of the plant is estimated to be 90 MVA. <p>Energy Generation : 130 MW WHRB and CFBC Source.</p>	Attributes	Tonnes per year	Fuel		a) Non Coking Coal for Steel Plant	4,10,000 (Indian Coal)	b) Coal for Power Plant	4,15,000 (Imported- Indonesian Coal)						
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2.7	Any other natural resources (use appropriate standard units)	Yes	<p>Annual quantity of Raw materials</p> <table border="1"> <thead> <tr> <th></th> <th>Tonnes per Annum</th> </tr> </thead> <tbody> <tr> <td>Low grade Iron ore Fines</td> <td>19,20,000</td> </tr> <tr> <td>Non Coking Coal</td> <td>8,25,000</td> </tr> <tr> <td>Bentonite</td> <td>8,400</td> </tr> <tr> <td>Dolomite</td> <td>13,400</td> </tr> <tr> <td>Lime & Calcined Dolomite</td> <td>52,800</td> </tr> <tr> <td>Steel scrap</td> <td>3,27, 500</td> </tr> </tbody> </table>		Tonnes per Annum	Low grade Iron ore Fines	19,20,000	Non Coking Coal	8,25,000	Bentonite	8,400	Dolomite	13,400	Lime & Calcined Dolomite	52,800	Steel scrap	3,27, 500
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3.0 Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.

S.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
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3.1	Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)	Yes	No use of Hazardous substance / chemicals as per Manufacture, Storage & Import of Hazardous Chemicals (MSIHC) Rules are not involved during construction activity. However during operation, Chlorine, HFO is Handled.
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	No such activity is envisaged
3.3	Affect the welfare of people e.g. by changing living conditions?	No	No
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	No such Vulnerable group of people (Hospital, Patients and Children) exists near the proposed project site.
3.5	Any other causes	No	Nil

4.0. Production of solid wastes during construction or operation or Decommissioning (MT/month)

Sl.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
4.1	Spoil, overburden or mine wastes	No	Proposed project is Steel plant. Hence no issue of Overburden or Mine wastes.
4.2	Municipal waste (domestic and or commercial wastes)	Yes	<p>Municipal waste: Community waste</p> <p>During construction phase:</p> <p>About 50 housing sheds will be constructed, depending up on demand.</p> <p>The housing will be in the form of temporary structure will be provided to construction laborers, with in the project site.</p> <p>Facilities such as fuel (kerosene) for cooking, mobile toilets / mobile STP, safe drinking water , medical health care crèche will be provided Municipal solid waste during construction phase will be from Housing sheds area.</p> <p>Solid Wastes will be Collected segregated and segregated. Organic waste will be composted. The inorganic waste will be sold to end users.</p> <p>The Building Construction Contractors are responsible for maintenance of colony free from garbage/ and plastic material and, providing Toilets and soak pits and surface drainage system.</p>

			<p>Operation period. Source of generation of garbage will be from canteen & colony which will be less than 0.4 Kg per person per day. The organic waste will be used for composting & used as manure for the Green Belt Area.</p> <p>Commercial waste: Commercial waste such as packaging material, plastic, used paper etc will be sorted out & sold to end users for recycling.</p>
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	Yes	<p>Authorization from KSPCB will be obtained for collection & disposal of Hazardous waste such as,</p> <ol style="list-style-type: none"> 1. Waste oil DG sets 2. Waste oil from Machineries 3. Used resins from DM plant
4.4	Other industrial process wastes	Yes	Coal Ash from CFBC boiler, will be off loaded to Cement Manufacturing Units. MOU will be entered into with Cement Manufacturers and the same will be reflected in EIA & EMP document.
4.5	Surplus product	No	No
4.6	Sewage sludge or other sludge from effluent treatment	Yes	<ol style="list-style-type: none"> a) ETP sludge to TSDF. b) STP sludge for green belt development.
4.7	Construction or demolition wastes	Yes	Construction debris generated will be used to fill up low laying areas within the Factory Premises/ outside taking care of environmental aspects
4.8	Redundant machinery or equipment	No	<p>Construction phase No redundant plants & machineries will be allowed to store in the factory premises. After Construction phase, construction plants & machineries will be asked to clear from the factory premises</p> <p>Operation Phase Redundant plant & machineries during operation phase will be auctioned periodically.</p>
4.9	Contaminated soils or other materials	No	No
4.10	Agricultural wastes	No	No
4.11	Other solid wastes	No	No

5.0 Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)

Sl.No.	Information/Checklist confirmation	Yes/No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
5.1	Emissions from combustion of fossil fuels from stationary or mobile	Yes	<p>Stationary Source:</p> <ul style="list-style-type: none"> • Emission from chimney attached to

	sources		Pellet Plant DR Kilns Electric Steel making Power Plant Emission from DG sets: 2 x 2000 KVA
5.2	Emissions from production processes	Yes	Particulate Matter
5.3	Emissions from materials handling including storage or transport	Yes	Non Coking Coal for steel Plant : 4,10,000 TPA and Coal : 4,15,000 TPA for Thermal plant Dust suppression measures(fugitive emission) will be incorporated in handling (storage and Transportation) of materials
5.4	Emissions from construction activities including plant and equipment	Yes	Emission from Construction equipment. & DG sets. Proper maintenance of Equipment as per O& M Manual
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	No	No dust or odour from handling of construction materials. Toilets will be provided for use by workers. The sewage will be treated in Septic tank & Soak pits. An awareness programme for the workers will be organized regarding safety & Personnel Hygiene.
5.6	Emissions from incineration of waste	No	No incineration of waste will be undertaken
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	Yes	Based on favorable meteorological situation during high wind, slash material will be burnt.
5.8	Emissions from any other sources	No	No

6.0 Generation of Noise and Vibration, and Emissions of Light and Heat:

Sl.No	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data with source of information data
6.1	From operation of equipment e.g. engines, ventilation plant, crushers	Yes	During Operation : Noise generation sources are Turbine, Generators, Compressors, Pumps, Fans, and Coal Handling Plants etc. It will be ensured that the Noise level will be limited to Ambient Air Quality Standards in respect of Noise prescribed by CPCB, during construction & Operation Phase. The Operational Personnel will be provided with personnel Protective Equipment's (PPE's). An awareness programme for the operational

			personnel will be organized regularly.
6.2	From industrial or similar processes	Yes	<p>The specifications for procuring major noise generating machines/equipment shall include built in design requirements to have minimum noise levels meeting Occupational Safety & Health Association (OSHA) requirement. Appropriate noise barriers/shields, silencers etc. shall be provided in the equipment, wherever feasible.</p> <p>Some of the practices proposed to be adopted for noise attenuation at the plant site are as follows:</p> <ul style="list-style-type: none"> • Use of damping materials such as thin rubber/lead sheet for wrapping the work places like turbine halls, compressor rooms etc. • Shock absorbing techniques shall be adopted to reduce impact • All the openings like covers, partitions shall be designed properly; • Inlet and outlet mufflers shall be provided which are easy to design and construct; • Noise levels shall be reduced by the use of absorbing material on roof walls and floors; • Provision of separate cabin for operators; • The plant area shall be thickly vegetated with species of rich canopy. • Ear plugs shall be provided to workmen working near high noise generating sources
6.3	From construction or demolition	Yes	<p>No demolition activity will be undertaken. Noise generating construction activity will be restricted. Such activity will be from 8.00 AM to 5.00 PM.</p> <p>During day time noise generating source will be barricaded to prevent propagation of noise.</p>
6.4	From blasting or piling	Yes	Based on local geology, controlled blasting, as per standard procedure during day time will be organized through experienced personnel.
6.5	From construction or operational traffic	Yes	Noise pollution due to construction activity on the local population, may not be significant as the project site area itself is spread over an area of 215.07 Ha (531.22 acres)
6.6	From lighting or cooling systems	Yes	As the Cooling System will be located within plant area of 215.07 Ha (531.22 acres) acres no impact on the Public is expected.
6.7	From any other sources	No	

7.Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea:

Sl.No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
7.1	From handling, storage, use or spillage of hazardous materials	Yes	<p>No Hazardous materials are stored during construction phase.</p> <p>Oil spillage control measure.</p> <p>Environmental & Safety measures will be incorporated at the planning stage on storage of HFO/LDO.</p> <p>The steel tanks will be installed over a raised Plat form enclosed by an impervious basin. The volume of the impervious basin being equivalent to volume of the Steel tank.</p> <p>The rain water collected in the basin during rainy day will be discharged, during morning shift & closed after emptying the rain water.</p> <p>A steel tray will be provided to collect any leakage at the valve provided at the bottom of the tank of the HFO /LDO tanks</p>
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	Yes	<p>(a) Construction phase</p> <p>Toilet blocks, including wash room will be provided for workers colony.</p> <p>The sewage will be treated in Septic tank & soak pits built as per IS 2470 Part I & II.</p> <p>An awareness programme for the workers will be organized regarding safety, personnel hygiene, & disposal plastics</p> <p>(b) Operation Phase.</p> <p>(i)Domestic waste water</p> <p>Each Toilet blocks will be provided with Septic tank and soak pits built as per IS 2470 Part I & II.</p> <p>Canteen effluents will be treated in Activated Sludge Treatment System, based on extended aeration principles.</p> <p>(ii)Trade Waste water</p> <p>Water conservation & water recirculation system will be followed.</p> <p>Treated Trade waste water will be used for</p>

9.Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality

Sl. No.	Information/Checklist confirmation	Yes /No	Details thereof (with approximate quantities/rates, wherever possible) with source of information data
9.1	Lead to development of supporting facilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.:	Yes	In view of establishment of Integrated Steel Plant of 0.6MTPA & 130 MW Captive Power Plant, there is bound to be development of supporting facilities, ancillary development or development stimulated by the project.
	<ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) 		Supporting infrastructure viz, Improvement roads, Power supply, Water treatment Plant and Waste treatment are bound to be established.
	<ul style="list-style-type: none"> • housing development 		Due to establishment of industry, Housing development in the villages is possible.
	<ul style="list-style-type: none"> • extractive industries 		-
	<ul style="list-style-type: none"> • supply industries 		-
<ul style="list-style-type: none"> • other 	Social upliftment of local people with better infrastructure facility is possible.		
9.2	Lead to after-use of the site, which could have an impact on the environment	Yes	After construction activity is over, the Plant area will be developed as per approved lay out plan with park, garden, greenbelt development. Outside the Plant area there could be rapid development.
9.3	Set a precedent for later developments	Yes	There is bound to be further development due to economic prosperity of the villagers inn and around the area.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	State of art technology will be inbuilt into the process. Environmental Mitigation measures will be in place to minimize the impacts if any..

III Environmental Sensitivity

Sl. No.	Areas	Name/ Identity	Aerial distance (within 15 km.) Proposed project location boundary
1	Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value	-	None within 15 Km radius from the proposed project location boundary
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	-	None within 15 Km radius from the proposed project location boundary
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	-	None within 15 Km radius from the proposed project location boundary
4	Inland, coastal, marine or underground waters	-	None within 15 Km radius from the proposed project location boundary
5	State, National boundaries		None within 15 Km radius from the proposed project location boundary
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas		None within 15 Km radius from the proposed project location boundary
7	Defence installations	-	None within 15 Km radius from the proposed project location boundary
8	Densely populated or built-up area		None within 15 Km radius from the proposed project location boundary
9	Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)		None within 15 Km radius from the proposed project location boundary
10	Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)	-	<p>Areas containing important, high quality or scarce resources - None within 15 Km radius from the proposed project location boundary.</p> <p>However :</p> <ul style="list-style-type: none"> a) Surface water Source : Tungabhadra Reservoir within 5 Km b) Forest : Nandi Banda Reserve Forest (25 ha) adjacent to the proposed project plant c) Minerals: Iron ore Minerals 10km

11	Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)	-	None within 15 Km radius from the proposed project location boundary.
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions)	Seismic Zone -II	<ul style="list-style-type: none"> ✓ The project site is in Seismic Zone II category, which is defined as “Safe Area”. ✓ Analysis and design of structures to resist the seismic forces will be carried out as per the provisions of IS 1893 (Part I):2005 ✓ The applicable zone factor will be considered during detailed engineering. ✓ Further National Building Code of India will be followed for building design. ✓ No cloud burst or land slide in the project area is known so far.

Contd..

**(IV) Proposed Terms of Reference for EIA studies
Please refer Annexure-6**

"I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost."



Signature of the applicant
With Name and Full Address
(Project Proponent / Authorized Signatory)

Date:

Place

List of Annexure

Attributes	Annexure No
Survey Numbers identified	Annexure 1
Extract of Revenue survey map	Annexure 2
Details of Alternative Sites	Annexure 3
Topo map showing project site	Annexure 3A
Topo map showing Location of three sites	Annexure 3B
Copy of Commerce and Industries Department, Government of Karnataka - letter on in principle approval based on State High Level Clearance Committee [SHLCC].	Annexure 4
Extent of land recommended by SHLCC	Annexure 5

**Survey Numbers of the Proposed Project Site
Land Purchase Details at Marabbihal Village**

Sl.No	Survey No.	Extent
Nagabhushan		
1	202	2.00
2	202	1.49
3	205 B1	0.79
4	206	4.81
5	258	4.04
V.venkateshwar rao		
6	201 H	0.82
7	323 A	1.10
8	255 A1	3.72
9	255 B1	4.30
10	256	2.98
11	257	1.15
12	258	2.74
13	259 A	4.04
14	259 B	4.20
Jinadatha		
15	342 A	7.31
16	342 AA	6.06
17	323 D/2 , C/2	0.78
Total		52.33

Details of Land Purchased at Hampapatna, Vardhapura, Vyasapura & Morabbihal Villages.

Sl.No	Survey No.	Extent
1	348 */*	4.29
2	1*/C/1	2.85
3	1*/A	0.67
4	1*/D/1C	3.94
5	1*/D/1C	1.06
6	364/Part	3.00
7	361/1	3.31
8	362/2	3.10
9	370/A	2.60
10	349/part	2.65
11	1/D/1B	2.67
12	368/B/1	5.68
13	1/D/1/C	1.50
14	368/B/2	2.42
15	1/C/2	2.11
16	364/part	3.29
17	351	3.25
18	352/A	1.80
19	352/A	1.81
20	352/B	1.80
21	352/B	1.38
22	352/A	0.42
23	352/B	1.80
24	1/D/1/L	3.32
25	2/B	1.69
26	2/B	1.69
27	352/A	0.94
28	1/AB/3	3.00
29	369	5.36
30	1/D/1M/1	1.05
31	349	1.67
32	1 B	1.08
33	362 A	3.22
34	1 A B/1	1.63
35	361/3	3.31
36	350	0.40
37	1 D/1 G/1	2.60
38	3B	3.72
39	3B	3.71
40	371	2.19
41	1 D/1 H	2.95
42	1 D/ 1 K	1.75
43	1 D/1 J	2.50
44	1 AB/2	2.90
45	2C	3.55
46	1D/1F	1.00
47	17D & 1D/1F	3.59

	365A,17A	
48	16B/3 ,366	6.33
49	1D/1A,399 C	7.32
50	1E/2, 1D/1G/2	5.01
51	1E/1	4.97
52	15 C	2.00
53	16B/1	0.24
54	397 A	4.99
55	354 A	5.00
56	398 C 7 399 B	9.88
Total		161.96

Details of Govt. Land in the Village Hampapatna, vardhapur, Vysapur & Morabbihal

Sl.No.	Survey No.	Extent
1	1 D/1C	10.14
2	1D/1D	1.24
3	14E	1.66
4	360	3.15
5	367	0.17
6	370 B	1.53
7	351	5.70
8	354 C	5.00
9	2A	1.48
10	321 C	27.06
11	321 D	24.98
Total		82.11

**Land details of Hampapatna, Vardhapur, Vysapur & Morabbihal
In Hagaribomanahalli taluk to be acquired through KIADB**

No.	Survey No.	Extent
1	1D/1E	4.01
2	1D/1K	1.25
3	1D/1M/2	1.50
4	1D/2	3.02
5	1F	1.34
6	1G/1	2.58
7	1G/2	2.07
8	1G/3	3.08
9	14F	0.71
10	14G	3.87
11	362 B	1.57
12	363	1.56
13	365 B	0.20
14	369	5.00
15	1 AB /1	1.37
16	1 AB /3	1.41
17	3 A/1	1.85
18	3 A/1	2.15
19	3 A/2	3.16
20	3 A/2	2.65
21	3C	2.25
22	354/B	1
23	396	1.04
24	397 B	4.93
25	398 A	0.64
26	398 B	1.57
27	398 D	0.47
28	399 A	0.83
29	337 A	1.39
30	338 A	2.1
31	339	1.5
32	1G /3	1.42
33	1G /3	2.05
34	1G /1	2.65
35	1/D/1L	0.38

	1/D/1G/2	0.61
37	1/D/1I	3.82
38	13 C1	3.3
39	15 A	2.05
40	15B	0.94
41	15C	2.86
42	15D	2.68
43	15E	0.24
44	15E	1.88
45	16 A	1.06
46	16 B2	2.63
47	16 C	1.32
48	16 D	0.38
49	16 E	2.87
50	16 E	3.11
51	16 F	3.24
52	16 G	3.54
53	16H	0.57
54	16 I	0.66
55	16 J1	4.16
56	16J2	2.75
57	16L	2.1
58	17B	2.44
59	17C1	0.71
60	17C2	0.74
61	17C3	1.42
62	17D	2.21
63	17E/1	3.13
64	17E/2	2.32
65	17E/2	2.33
66	17F	1.26
67	17G1	1.03
68	17G2	1.29
69	17G2	1.29
70	1H	0.04
71	1I	5.32
72	1/C	4.1
73	1/D	2.28
74	4A	2.44
75	4B1	1.8
76	4B2	5.46
77	5A	2.8
78	5A	2
79	5A	2
80	5B	2.23
81	6A	5.71
82	8A	5
83	8B1	4.5
84	8B2	3.63
Total		184.22
Grand Total		481.22

Annexure 3

M/S RBSSN Ferrous Industries Ltd.
Site Alternatives for Establishment of 0.6 MTPA Steel Plant and 130 MW Thermal Power station,
near Bellary District, Karnataka.

Sl. No	Attributes	Near Hampapatnam , Varadapura and Vysapura Villages, Hagaribommanahalli Taluk, Bellary Dist.	Near Rayarahalu Tanda, Vysapura Villages, Hagaribommanahalli Taluk, Bellary Dist.	Near Balaunchi , Vysapura Villages, Hagaribommanahalli Taluk, Bellary Dist.
		Site "A"	Site "B"	Site C
1	Longitude & latitude of proposed site (approximate)	Latitude : 15 ⁰ 07' 08" Longitude : 76 ⁰ 17' 31" For Details please refer Topo - 57A/4, 57A/8 For Topo Map Refer Annexure- 3A	Latitude : 15 ⁰ 04' 54" Longitude : 76 ⁰ 16' 27" For Details please refer Topo - 57A/4, 57A/8 For Topo Map Refer Annexure- 3B	Latitude : 15 ⁰ 03' 17" Longitude : 76 ⁰ 14' 57" For Details please refer - Topo - 57A/4, 57A/8 For Topo Map Refer Annexure- 3B
2	Type of Land / dry agriculture / Fallow land /patta land/ Forest / primary agriculture land, Preliminary environmental feasibility including rehabilitation and resettlement requirement , if any	<ul style="list-style-type: none"> — Dry agriculture, rain fed patta land and Government land — Bore well water Agriculture in patches. — Required extent of dry patta land and Government land in one block is possible, without R &R and homestead ousters issues. — Land is gently sloping. — No major valley is cutting across the identified land — Not much vegetation, as it is dry agriculture land — Red Soil at most of the places 	<ul style="list-style-type: none"> — Presently Dry agriculture, rain fed Patta land. — Extent of dry land is not available in one block, as road are crossing the proposed site forcing diversion of road — The land is undulated. 	<ul style="list-style-type: none"> — Dry agriculture, rain fed patta land. — Though land is available, not possible for compact lay out. For Future expansion , land is not available

3	Proximity to nearest villages. [from the proposed land boundary]	<table border="1" data-bbox="537 247 824 562"> <thead> <tr> <th>Village Name</th> <th>Distance from boundary in Km</th> </tr> </thead> <tbody> <tr> <td>Hampantna</td> <td>1.00</td> </tr> <tr> <td>Varadapura</td> <td>1.25</td> </tr> <tr> <td>Vysapura</td> <td>1.25</td> </tr> </tbody> </table> <p data-bbox="537 680 824 800">Villages are in not in close proximity to the proposed project boundary site</p>	Village Name	Distance from boundary in Km	Hampantna	1.00	Varadapura	1.25	Vysapura	1.25	<table border="1" data-bbox="857 247 1144 590"> <thead> <tr> <th>Village Name</th> <th>Distance from boundary in Km</th> </tr> </thead> <tbody> <tr> <td>Rayarahalu</td> <td>0.75</td> </tr> <tr> <td>Thanda</td> <td></td> </tr> <tr> <td>Guladahalu</td> <td>2.24</td> </tr> <tr> <td>Halagapura</td> <td>4.5</td> </tr> </tbody> </table> <p data-bbox="857 680 1144 800">Villages are in close proximity to the proposed project boundary site</p>	Village Name	Distance from boundary in Km	Rayarahalu	0.75	Thanda		Guladahalu	2.24	Halagapura	4.5	<table border="1" data-bbox="1177 247 1461 590"> <thead> <tr> <th>Village Name</th> <th>Distance from boundary in Km</th> </tr> </thead> <tbody> <tr> <td>Balaunchi</td> <td>1.75</td> </tr> <tr> <td>Anekalu</td> <td>2.0</td> </tr> <tr> <td>Kechchinabandi</td> <td>2.25</td> </tr> </tbody> </table> <p data-bbox="1177 680 1468 800">Villages are not in close proximity to the proposed project boundary site</p>	Village Name	Distance from boundary in Km	Balaunchi	1.75	Anekalu	2.0	Kechchinabandi	2.25
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Balaunchi	1.75																													
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Kechchinabandi	2.25																													
4	<p data-bbox="264 810 505 842">Accessibility by Rail,</p> <p data-bbox="264 1079 505 1142">Name of the nearest Rail way station,</p> <p data-bbox="264 1205 505 1268">Distance to proposed site, in Km</p>	<ul data-bbox="545 810 824 1850" style="list-style-type: none"> • Yes, South Western Railway line on Hospet - Harihar BG line. • The line will be commissioned shortly. • Hampantna Railway station is -2.0 KM from boundary of the proposed project site. • The Railway line is parallel to northern boundary of the proposed site. • After Railway property 50 mtrs width Green belt will be provided. • About 6Ha of private land has to be acquired for railway line. • After green belt area Rail way siding will be established. • Further down Raw material Storage yards, Raw water 	<ul data-bbox="865 810 1144 1293" style="list-style-type: none"> • Hampantnam Railway station (on South Western Railway line on Hospet – Harihar section) is 4.5 Km to the proposed site • Hampantnam Railway Station line to cross private land to reach proposed site. • Cutting and formation of earth is necessary. • About 13.5 Ha of private land has to be acquired for railway line. 	<ul data-bbox="1185 810 1468 1293" style="list-style-type: none"> • Ramanagara/ Hagaribommanahalli station is nearest Railway station, on South western Railway line on Harihar – Hospet road • Hagaribommanahalli Railway station is 6 Km from proposed site. • About 18 Ha of private land has to be acquired for railway line. 																										

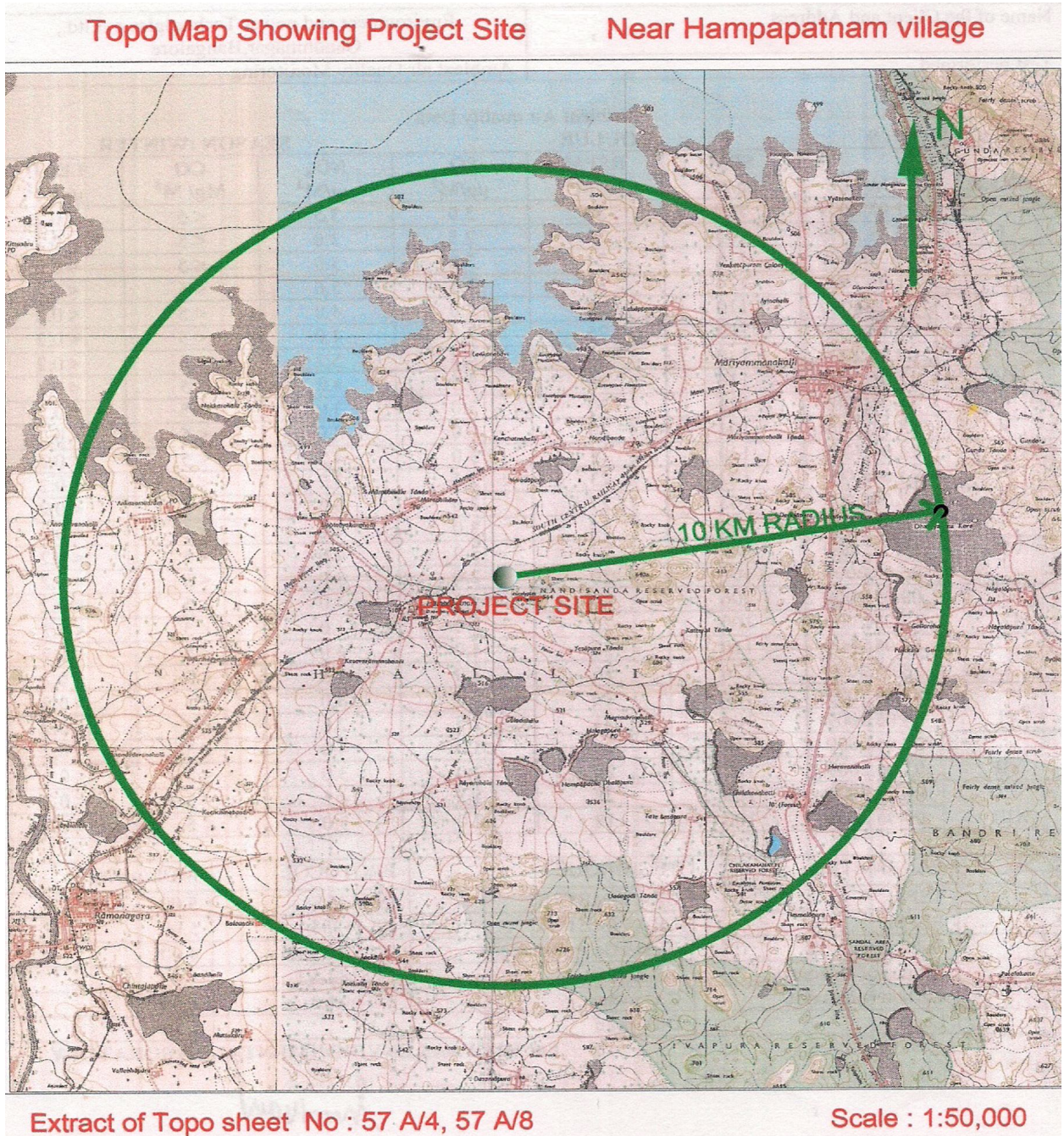
		Reservoir will be established.			
5	Coal Transportation logistics , Rail way line distance from source to nearest RS in Km.	<ul style="list-style-type: none"> • Coal requirement: 8.25 Lakh Tonnes per year. • Indonesian Coal will land at Krishnapattanam Port. • From Port to Project site, Coal will be transported by Railway. • 510 Km from Krishnapattanam to Hampapatnam , • 4.1 Lakh Tonnes per year Sigrani Mines / CIL Indian coal, by Rail way. 	<ul style="list-style-type: none"> • 510 Km is the distance from Krishnapattanam Port to Hampapatnam 	<ul style="list-style-type: none"> • 520 Km is the distance from Krishnapattanam Port to Hampapatnam 	<ul style="list-style-type: none"> • 525 Km is the distance from Krishnapattanam Port to Ramanagara/ Hagaribommanahalli
6	Availability, Guarantee & commitment of requisite quantity of Water source for final installation capacity & Proximity to project site in Km,	<ul style="list-style-type: none"> • The Commerce & Industries Department, Government of Karnataka has sanctioned 14.5 Million Lit per day. [14500 KLD] from Tungabhadra River. • 7 Km from Back waters of TB reservoir 	<ul style="list-style-type: none"> • The Commerce & Industries Department, Government of Karnataka has sanctioned 14.5 Million Lit per day. [14500 KLD] from Tungabhadra River. • TB reservoir Back waters 10Km • Along District Road 10Km 	<ul style="list-style-type: none"> • The Commerce & Industries Department, Government of Karnataka has sanctioned 14.5 Million Lit per day. [14500 KLD] from Tungabhadra River. • TB reservoir –Back waters 10 km. • Along District Road : --12 Km 	
7	Metropolitan/ National park/ wild life/ sanctuaries/ ecological sensitive areas/ archaeological /historical/ religious /tourist importance / defense	<p>No Metropolitan/ National park/ wild life / sanctuaries/ ecological sensitive areas/ archaeological /historical/ religious /tourist importance / defense are existing within 10 km from the Project site</p> <p>Nandi Banda Reserved Forest with open scrub, Sheet Rock, Rocky Knob, Eucalyptus plantation, (Forest area 25 Ha)is in one corner adjacent to South Eastern boundary of the project site</p>	<p>No Metropolitan/ National park/ wild life / sanctuaries/ ecological sensitive areas/ archaeological /historical/ religious /tourist importance / defense are existing within 10 km from the Project site</p>	<p>No Metropolitan/ National park/ wild life / sanctuaries/ ecological sensitive areas/ archaeological /historical/ religious /tourist importance / defense are existing within 10 km from the Project site</p>	

8	Land required for laying water pipe line Nature of land	It is proposed to impound water drawn from Tungabhadra River. 70 Acres is provided. From Impound reservoir water will be pumped to Project area for process. Length of pipeline 7 Km	It is proposed to impound water drawn from Tungabhadra River. 70 Acres is provided. From Impound reservoir water will be pumped to Project area for process. Length of pipeline 10 Km	It is proposed to impound water drawn from Tungabhadra River. 70 Acres is provided. From Impound reservoir water will be pumped to Project area for process. Length of pipeline 12 Km
9	Accessibility by Road			
	➤ Distance from National High way, in Km	NH 13 : 7 Km	NH 13 : 8 Km	NH 13 : 10 Km
	➤ Distance from State High way in Km	State High way [SH] No. 25 : 1.50 Km	SH No. 25 : 5.5 Km	SH No.25 : 4.5 Km
10	River / flood plain [500 mtrs from flood plain]	3.5 Km away from Tungabhadra Reservoir.	19 Km away from Major River Tungabhadra	15 Km away from Major River Tungabhadra
11	Nearest Power Receiving station	Power Receiving Station is at Itagi Town. Distance from Project site to Itagi 30 -Km No forest land along the proposed evacuation line. Dry agriculture land en-route to Itagi Alternately Line In or Line Out (LILO) facility if extended from exiting 220kV line passing 4Km away from the site.(near Uppanayakanahalli)	Power Receiving Station is at Itagi Town. Distance from Project site to Itagi 35Km No forest land along the proposed evacuation line. Dry agriculture land en-route to Itagi Alternately Line In or Line Out (LILO) facility if extended from exiting 220kV line passing 6 Km away from the site.	Power Receiving Station is at Itagi Town. Distance from Project site to Itagi 37 Km No forest land along the proposed evacuation line. Dry agriculture land en-route to Itagi Alternately Line In or Line Out (LILO) facility if extended from exiting 220kV line passing 8 Km away from the site.
12	Recommendations for Site Selection	Recommended	Not Considered	Not Considered

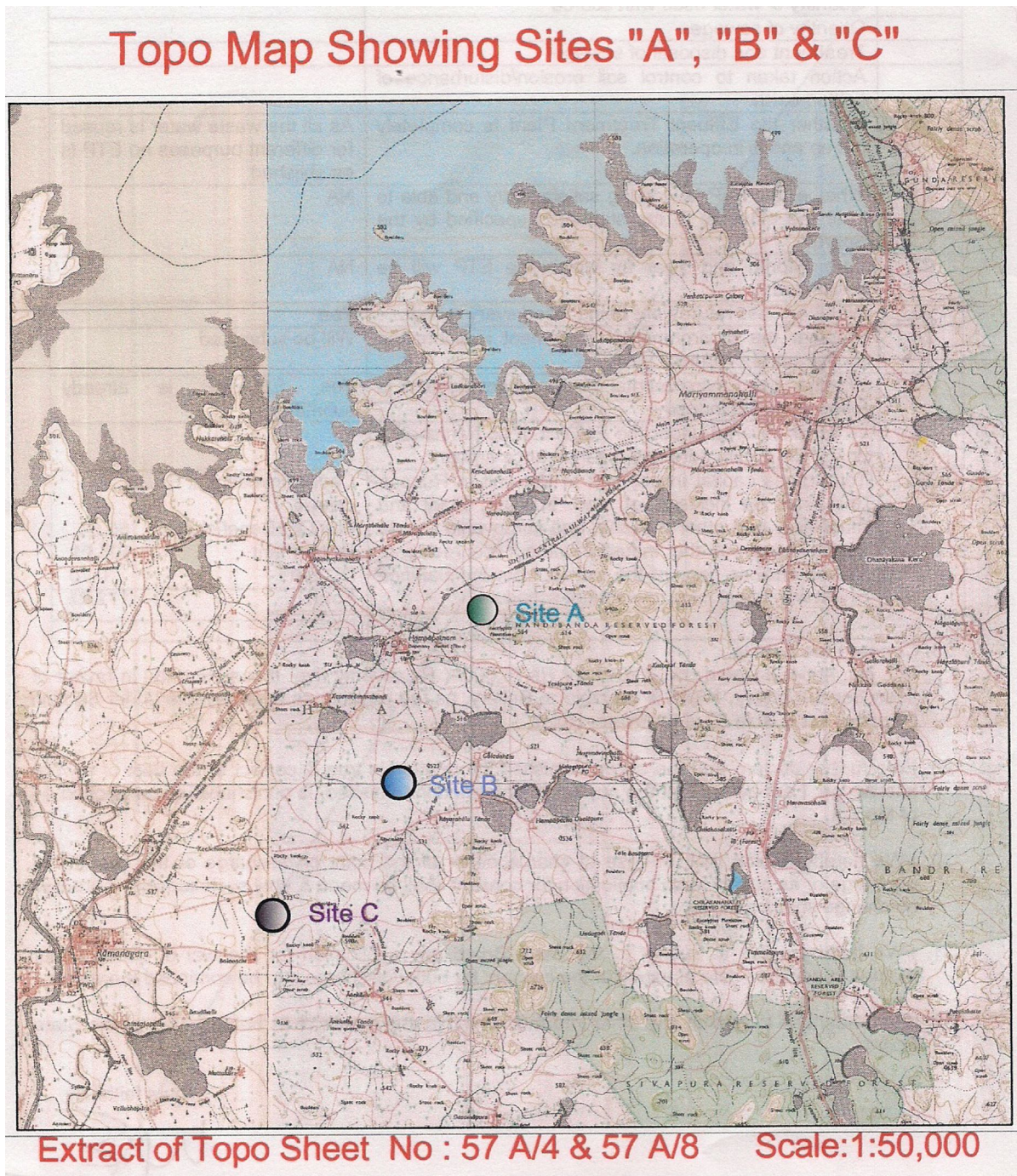
Merits for selection of Site 'A'

1. Availability of Dry Government Land and Patta Lands in one Block.
2. Least R&R issues and no Homestead oustees.
3. Not much vegetation.
4. Nearest village is more than a Km.
5. Accessibility to Broad-Gauge Railway line.
6. Imported coal transportation to site is possible by Rail way.
7. Nearness to guaranteed availability of surface water.
8. No ecologically/ environmentally Sensitive, i.e. no archeological important and forest area within 10 Km radius.
9. National Highway No.13 is 7 Km away.
10. State Highway No.25 is 1.5 Km away.
11. State Industrial Policies encourages setting up of industries in the Backward Taluk of the State.
12. Hagaribommanahalli Taluk of Bellary district is more Backward Taluks (Zone -2)
13. State Government Industrial policy 2009-14 highlights, value addition to natural resources by establishing Industries locally , in order to optimize the wealth available and generating employment

Topo map showing the location of the Proposed Project site



Topo Map Showing Alternate sites considered



PROCEEDINGS OF THE GOVERNMENT OF KARNATAKA

Sub: Approval to the Project Proposal of M/s. RBSSN Ferrous Industries Pvt. Ltd., to setup a "0.6 MTPA Iron Oxide Pellets & 18 MW Thermal Power Plant" in Hampapatna, Vardkapur, Vayasapur & Morabihal Villages of Hagaribommanahalli Taluk, Bellary District – request to increase capacity of Pelletisation Plant – reg.

Read: 1. Govt. Order No: CI 71 SPI 2010, dated: 25.02.2010.
2. Proceedings of the 24th State High Level Clearance Committee (SHLCC) meeting held on 24.01.2011.

-:0:-

PREAMBLE:

M/s. RBSSN Ferrous Industries Pvt. Ltd., has been accorded approval to establish a "0.6 MTPA Iron Oxide Pellets & 18 MW Thermal Power Plant" in Hampapatna, Vardkapur, Vayasapur & Morabihal Villages of Hagaribommanahalli Taluk, Bellary District, with an investment of Rs.266.80 crores, generating employment to about 160 persons. Now, they have proposed to increase the capacity of Pelletisation Plant and other modifications.

In the 24th State High Level Clearance Committee (SHLCC) Meeting held on 24.01.2011, the proposal of the Company has been approved.

Government has examined the recommendations made by the State High Level Clearance Committee in all aspects.

Hence the following order.

GOVERNMENT ORDER NO: CI 71 SPI 2010, BANGALORE

DATED: 10.03.2011

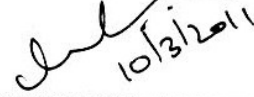
Government is pleased to accord approval for the following proposals of M/s. RBSSN Ltd Ferrous Industries Pvt. Ltd.,

- I. To increase capacity of already approved project.
 - i. Pelletaization Plant from 0.6 Million TPA to 1.2 Million TPA.
 - ii. Power Plant from 18 MW to 130 MW.
- II. Inclusion of additional products like.
 1. DRI Plant – 0.5 Million TPA – 2 Nos.
 2. Beneficiation Plant – 1.2 Million MTPA.
 3. Steel Melting Shop – 0.6 MPTA.

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- III. Government is also pleased to approve allocation of 14.5 Million LPD from nearest water source, subject to approval of Water Resources Department in lieu of 3.5 MLD from Tungabhadra River already sanctioned in G.O read at (1) above.
- IV. Additional 200 acres of land to be acquired and allotted by KIADB as SUC for the already approved project.

By Order and in the name of the
Governor of Karnataka,



[A.V. SRINIVASA DIKSHIT]
Desk Officer (Technical Cell)
Commerce & Industries Department

To,
The Compiler, Karnataka Gazette, Bangalore for publication in the next issue of the Gazette.

1. The Principal Accountant General (Audit/Accounts) in Karnataka, Bangalore.
2. The Principal Secretary to Government, Energy Department, Bangalore.
3. The Principal Secretary to Government, Finance Department, Bangalore.
4. The Principal Secretary to Government, Urban Development Department, Bangalore.
5. The Principal Secretary to Government, Water Resources Department, Bangalore.
6. The Principal Secretary to Government, Forest, Ecology & Environment Department, Bangalore.
7. The Principal Secretary to Government, Revenue Department, Bangalore.
8. The Principal Secretary to Government, Rural Development & Panchayat Raj Department, Bangalore.
9. The Commissioner for Industrial Development and Director of Industries and Commerce, Khanija Bhavan, Bangalore.
10. The Principal Secretary to Government, P.W.D. Vikasa Soudha, Bangalore.
11. The Commissioner for Commercial Taxes, Vanijya Therige Karyalaya, Gandhi Nagar, Bangalore - 560 009.

-: 3 :-

12. The Secretary, Karnataka State Pollution Control Board, #49, Church Street, Parisara Bhavan, Bangalore - 560 001.
13. The Secretary to Government, Urban Development Department, Vikasa Soudha, Bangalore.
14. Deputy Commissioner, Bellary
15. The Chief Executive Officer & Executive Member, Karnataka Industrial Area Development Board, Nrupatunga Road, Bangalore - 560 001.
16. The Director (Technical Cell), Commerce & Industries Department, Vikasa Soudha, Bangalore.
17. The Managing Director, Gulburga Electricity Supply Corporation [GESCOM] Gulburga.
18. The Managing Director, Karnataka Udyog Mitra, Khanija Bhavan, Bangalore.
19. M/s. RBSSN Ferrous Industries Pvt. Ltd., No. 1499/1, P.O. Box No. 38, Kariganur, Hospet, Bellary - 583 201.
20. PS to Minister for Large & Medium Scale Industries, Vikasa Soudha, Bangalore- 01.
21. PS to Principal Secretary to Government, Commerce & Industries Department.
22. Guard File / Spare Copies.

PROCEEDINGS OF THE GOVERNMENT OF KARNATAKA

Subj: Approval to the Project Proposal of M/s. RBSN Ferrrous Industries Pvt. Ltd. to setup a "0.6 MTPA Iron Oxide Pellets & 18 MW Thermal Power Plant" in Hangapattu, Vardhappur, Vaynappur & Morzhalu Villages of Hageribommalahalli Taluk, Bellary District.

Ref: Proceedings of the 50th State High Level Clearance Committee (SHLCC) meeting held on 05.01.2010.

Preamble

M/s. RBSN Ferrrous Industries Pvt. Ltd. proposes to establish a "0.6 MTPA Iron Oxide Pellets & 18 MW Thermal Power Plant" in Hangapattu, Vardhappur, Vaynappur & Morzhalu Villages of Hageribommalahalli Taluk, Bellary District, with an investment of Rs.256.80 crores, generating employment to about 150 persons.

In the 50th State High Level Clearance Committee (SHLCC) meeting held on 05.01.2010, the proposal of the Company has been approved.

Government has examined the recommendations made by the State High Level Clearance Committee in the 50th Meeting held on 05.01.2010, in all aspects.

It issues the following order.

GOVERNMENT ORDER NO. 71, 6/1 2010, BANGALORE

DATE: 25.02.2010

Government is pleased to accord its principle approval for the project proposal of M/s. RBSN Ferrrous Industries Pvt. Ltd. to establish a "0.6 MTPA Iron Oxide Pellets & 18 MW Thermal Power Plant" in Hangapattu, Vardhappur, Vaynappur & Morzhalu Villages of Hageribommalahalli Taluk, Bellary District, with an investment of Rs.256.80 crores, generating employment to about 150 persons and extend the following infrastructure facilities, incentives and concessions.

INFRASTRUCTURE FACILITIES:

1. **Land:** 331.22 acres – U/s. 109 of KLR Act and conversion of the same to industrial use.
2. **Power:** 3000 KVA from GESCOM.
3. **Water :** 3.5 MLD from Tungabhadra River.
4. **Incentives and Concessions:** As applicable under New Industrial Policy 2009-14

GENERAL TERMS AND CONDITIONS :


1. **MOU:** The project proponents will have to sign a MOU with the Government of Karnataka during the Global Investors Meet in June 2010.
2. **Environment:** The promoters to obtain CFE and CEZ from KSPCB and environmental clearance from MOEF, GOI.
3. **Employment:** The Company shall prepare a plan for development of Human Resources required for the project, train local people and provide employment to these trained local youth and comply with Government policy of Employment to local people i.e. Dr. Sarojini Mahishi report. A copy of Human Resources Development plan shall be sent to the Commissioner for I.D. & Director of Industries and Commerce for monitoring.
4. **Vendor Development:** Where ever there is scope for vendor development for the project, the company shall prepare a vendor development plan, develop local vendors and procure the required inputs, components and sub assemblies from these local vendor units. A copy of the vendor development plan shall be sent to the Commissioner for I.D. & Director of Industries and Commerce for monitoring.

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5. **Social Infrastructure Development:** The Company is advised to take up social infrastructure development projects in the vicinity of the proposed location of the unit. A copy of such projects shall be sent to the Commissioner for I.D. & Director of Industries and Commerce for monitoring.
6. **Others:**
- The project proponents shall provide employment to at least one member of the family of each land loser as the land is being acquired through KIADB.
 - The project proponents shall adopt rain water harvesting, waste water recycling and water conservation techniques. Zero discharge facility should be adopted wherever applicable.
 - The promoters shall take all statutory and other necessary clearances from the competent authorities including GOI and shall submit milestones/progress in implementation of the project regularly, which will be monitored by the Department.

This approval is valid for a period of two years from the date of issue.

By Order and in the name of the
Governor of Karnataka,


[Aparna Pavale] 25.2.10

Desk Officer (Technical Cell)
Commerce & Industries Department.

To,
The Compiler, Karnataka Gazette, Bangalore for publication in the next issue of
the Gazette.

- The Principal Accountant General (Audit/Accounts) in Karnataka,
Bangalore.

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