

Salagram Power and Steel Pvt. Ltd.	Proposed Forward Integration, Expansion and Product Diversification Programme of existing mini Steel Plant at Palitpur Road, Village & P.O Mirzapur, P.S. and District: Bardhaman, West Bengal	FORM 1
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FORM 1

(I) Basic Information

Sl. No.	Item	Details
1.	Name of the Project	: Forward Integration, Expansion and Product Diversification programme of existing mini Steel Plant by installation of Sponge Iron Kilns (2x100 TPD), Induction Furnace (1x7 T) & modernization / up gradation of existing furnaces i.e. 1x4T, 2x3.5T & 1x6T to augment capacity to 3x7 T + 1x6 T, Rolling Mill (1,00,000 TPA), Sinter Plant (35 TPD), WHR Boilers (2x10 TPH), Submerged Arc Furnace (1x4.5 MVA) & Captive Power Plant (1x4 MW).
2.	Sl. No. in the Schedule	Item 3(a) & 1(d), Category "A"
3.	Proposed capacity / area / length /tonnage to be handled / command area / lease area /number of wells to be drilled	: The configuration of Proposed Project is as follows: <ul style="list-style-type: none"> • Sponge Iron Kilns (2x100 TPD) – 57,000 TPA Sponge Iron • Induction Furnace (1x7T) & modernization / up gradation of existing furnaces i.e. 1x4T, 2x3.5T & 1x6T to augment capacity to 3x7 T + 1x6T – 1,10,000 TPA Liq. Steel in total • Rolling Mill - 1,00,000 TPA TMT Bars, Rods, Flats and Structurals • Sinter Plant (1x35 TPD) – 10,500 TPA sinter • Submerged Arc Furnace (1x4.5 MVA) – 6480 TPA Silico-Manganese • 4 MW TG Set for Captive Power Plant, based on WHR Boliers <p>The proposed expansion project will be accommodated within the existing Plant Boundary i.e. 10.44 hectares (25.8 acres) and also some adjoining land (approximately 0.81 hectares i.e. 2 acres) would be acquired.</p> <p>Capital Cost of the Project : Rs. 89 Crores</p>
4.	New / Expansion / Modernization	: Expansion / Modernization Project
5.	Existing Capacity / Area etc.	: <u>Units under operation:</u> <ul style="list-style-type: none"> • Sponge Iron Kilns (3x50 TPD) – 48,000 TPA Sponge Iron • Induction Furnaces (1x4T, 2x3.5T, 1x6T) – 56,000 TPA Liq. Steel • 6/11 m, 2 Strand, Continuous Casting Machine – 54,000 TPA MS Billets (100x100 mm, 125x125 mm & 160x160 mm) • 8 MW TG Set for Captive Power Plant
6.	Category of Project i.e. 'A' or 'B'	: Category "A"
7.	Does it attract the general condition? If yes, please specify.	No.

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-------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------

8.	Does it attract the specific condition? If yes, please specify.	No.
9.	Location	: Latitude - 23°17'09.25" N Longitude - 87°52'09.76" E Mean Sea Level – 107 ft.
	Plot / Survey / Khasra No.	: Dag No. 207, R.S. Khatian No. 22, J.L. No. 66
	Village	: Palitpur Road, Mirzapur
	Tehsil	: Burdwan-I
	District	: Bardhaman
	State	: West Bengal
10.	Nearest railway station / airport along with distance in kms.	: <ul style="list-style-type: none">Burdwan Railway Station – around 4.0 km from project siteNetaji Subhash Chandra Bose International Airport, Kolkata – around 93 km from the project site
11.	Nearest Town, City, District Headquarters along with distance and km.	: Bardhaman Town (District Head Quarter) – 5.0 km from project site (approx.).
12.	Village Panchyat, Zilla Parishad, Municipal Corporation, Local Body (complete postal address with telephone nos. to be given)	: Saraitikar Gram Panchayat Address: Burdwan-I Panchyat Samiti Dewandighi, Mirzapur, Burdwan Telephone No. 2623137
13.	Name of the Applicant	: Salagram Power and Steel Pvt. Ltd.
14.	Registered Address	: Salagram Power and Steel Pvt. Ltd. 29, Ganesh Chandra Avenue, 1 st floor, Kolkata - 700013, West Bengal
15.	Address for Correspondence	: Salagram Power and Steel Pvt. Ltd. 29, Ganesh Chandra Avenue, 1 st floor, Kolkata - 700013, West Bengal
	Name	: Suyash Agarwal
	Designation (Owner / Partner CEO)	: Director
	Address	: Salagram Power and Steel Pvt. Ltd. 29, Ganesh Chandra Avenue, 1 st floor, Kolkata - 700013, West Bengal
	Pin Code	: 700013
	E-mail	: suyash@salagram.co.in
	Telephone No.	: (033) 4011-2000
	Fax No.	: (033) 2211-6937
16.	Details of Alternative Sites examined, if any. Location of these sites should be shown on a topo sheet.	NIL
17.	Interlinked Projects	No
18.	Whether separate application of interlinked project has been submitted?	NA
19.	If yes, date of submission	NA
20.	If no, reason	NA

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------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------

21.	<p>Whether the proposal involves approval / clearance under: If yes, details of the same and their status to be given.</p> <p>The Forest (Conversation) Act, 1980?</p> <p>The Wildlife (Protection) Act, 1972?</p> <p>The C. R. Z. Notification, 1991?</p>		<p>No</p> <p>Yes</p> <p>Ramnabagan Wildlife Sanctuary is located around 4.0 km to the south-west direction of the project site.</p> <p>No</p>
22.	Whether there is any Government Order / Policy relevant / relating to the site?		No
23.	Forest land involved (hectares)		No
24.	<p>Whether there is any litigation pending against the project and/or land in which the project is propose to be setup?</p> <p>Name of the Court</p> <p>Case No.</p> <p>Orders /directions of the Court, if any and its relevance with the proposed project.</p>		No

* Capacity corresponding to sectoral activity (such as production capacity for manufacturing, mining lease area and production capacity for mineral production, area for mineral exploration, length for linear transport infrastructure, generation capacity for power generation etc.)

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------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------

(II) Activity

1. 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
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)	No	<p>The proposed expansion project will be installed within the existing Plant Boundary i.e. 10.44 hectares (25.8 acres), which is already developed as an industrial land. Additionally, some adjoining land (approximately 0.81 hectares i.e. 2 acres) would be acquired. Said plot of land will be reformed / developed from its existing land use. Total land measuring 11.25 hectares (27.8 acres) is required for the proposed project. The land is generally flat and does not come under flood zone.</p> <p>This project will be developed following a land use plan, which will be made taking into consideration relevant guidelines / stipulations of the concerned Authorities. Moreover, the planning of the project, development of green belt and other landscape on the proposed site would enhance the aesthetics of the area.</p>
1.2	Clearance of existing land, vegetation and buildings?	Yes	There will be site clearing and preparation activities which will involve removal of scanty vegetation on the proposed plant site within the existing plant premises and the adjoining acquired land.
1.3	Creation of new land uses?	No	For the proposed expansion project, vacant land beside existing units within the existing plant premises will be used. Additionally, some adjoining land would be acquired. Proposed project will be developed following a planned land-use plan. As far as possible attempts will be made to create minimum disturbance to the existing land-use of the neighborhood. However, a positive change in the land uses due to the proposed project is expected.
1.4	Pre-construction investigations e.g. bore houses, soil testing?	No	-
1.5	Construction works	Yes	Civil and Structural works will be undertaken for the proposed expansion plant. However, the extent of such activities is likely to be limited within the existing plant premises and the adjoining land acquired.

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------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------

1.6	Demolition works	No	-
1.7	Temporary sites used for construction works or housing of construction workers	Yes	<p>Suitable temporary accommodation for workers will be made within the project site.</p> <p>Adequate space will be provided for contractor workers. Provision for rest shelters, amenities like drinking water facility, toilet facility etc. will be provided to the work force, who will work at site during construction of the project.</p>
1.8	Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations	Yes	Shall be confined to the area earmarked for the project only.
1.9	Underground works including mining or tunneling	No	-
1.10	Reclamation works	No	-
1.11	Dredging	No	-
1.12	Offshore structures	No	-
1.13	Production and manufacturing processes	Yes	<p>The configuration of Proposed Project is as follows:</p> <ul style="list-style-type: none"> • Sponge Iron Kilns (2x100 TPD) – 57,000 TPA Sponge Iron • Induction Furnace (1x7T) & modernization / up gradation of existing furnaces i.e. 1x4T, 2x3.5T & 1x6T to augment capacity to 3x7T + 1x6T – 1,10,000 TPA Liq. Steel in total • Rolling Mill - 1,00,000 TPA TMT Bars, Rods, Flats and Structural • Sinter Plant (1x35 TPD) – 10,500 TPA sinter • Submerged Arc Furnace (SAF) (1x4.5 MVA) – 6480 TPA Silico-Manganese • 1x4 MW TG Set for Captive Power Plant, based on WHR Boilers <p>For detail, please refer enclosed Project Feasibility Report.</p>
1.14	Facilities for storage of goods or materials	Yes	All construction materials will be handled through site store within the area earmarked for the project.
1.15	Facilities for treatment or disposal of solid waste or liquid effluents	Yes	<p><u>Waste Water:</u></p> <p>The plant will be designed as a zero discharge plant. The water will be recirculated through cooling and treatment. The entire wastewater will be recycled for various purposes inside the plant.</p> <p>Domestic wastewater from toilet blocks will be treated in a Sewage Treatment plant.</p>

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------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------

			<p>Solid Waste: Dust captured in the Pollution Control Equipment will be used in Sinter Plant.</p> <p>Dolo-char generated in DRI units will be used in existing AFBC boiler.</p> <p>The fly ash generated will be stored in ash silo and sold as a raw material for cement plants and also used for brick manufacturing and land filling.</p> <p>The hot slag generated from IF and SAF will be transferred to slag yard after cooling and scrap recovery. It will be used as construction material/sold to cement manufacturers.</p> <p>Mill scales generated from CCM and RM will be used in sinter plant.</p> <p>Scraps (Billet crops, end cuts in Rolling Mills etc.) will be used in Charge Mix of Induction Furnace.</p>
1.16	Facilities for long term housing of operational workers	No	Local people will be used and there will be no arrangement for housing for operational workers.
1.17	New road, rail or sea traffic during construction or operation.	No	The proposed site is close to the railway and highway connections to the other main town & cities of the country. Burdwan Railway Station is about 4.3 km from the Plant Site. National Highway-2 (NH-2) is passing through the south direction, at a distance of around 4.0 km away. All machineries and equipment can be transported by rail/road. Existing road and rail linkages will be utilized for this expansion project. As such, no additional road and rail linkage will be needed / created for the expansion project.
1.18	New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc.	No	Kolkata Port is around 95 km away and Haldia Port is 135 km away from the project site. Existing infrastructure in the surrounding area will be used for the expansion project as is being used now.
1.19	Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements.	No	-
1.20	New or diverted transmission lines or pipelines	No	-
1.21	Impoundment, damming, culverting, realignment or other changes to the hydrology of	No	-

	watercourses or aquifers																																												
1.22	Stream crossings	No	-																																										
1.23	Abstraction or transfers of water from ground or surface waters	Yes	<p>The daily water use statement for the proposed expansion project is as follows:</p> <table border="1" style="width:100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th rowspan="2">Sl. No</th> <th rowspan="2">Description</th> <th colspan="2">Water Demand (cum/day)</th> <th rowspan="2">Total Water Demand (cum/d)</th> </tr> <tr> <th>Existing</th> <th>Expansion</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Sponge Iron Plant (3x50 TPD + 2x100 TPD)</td> <td style="text-align: center;">21.0</td> <td style="text-align: center;">31.0</td> <td style="text-align: center;">52.0</td> </tr> <tr> <td>2.</td> <td>Steel Melting Shop (Induction Furnaces [5x7 T] + Twin Strand Continuous Billet Caster)</td> <td style="text-align: center;">10.0</td> <td style="text-align: center;">10.0</td> <td style="text-align: center;">20.0</td> </tr> <tr> <td>3.</td> <td>Rolling Mill (1,00,000 TPA)</td> <td style="text-align: center;">NIL</td> <td style="text-align: center;">13.0</td> <td style="text-align: center;">13.0</td> </tr> <tr> <td>4.</td> <td>Captive Power Plant (8 MW+4 MW)</td> <td style="text-align: center;">160.0</td> <td style="text-align: center;">80.0</td> <td style="text-align: center;">240.0</td> </tr> <tr> <td>5.</td> <td>Submerged Arc Furnace (SAF) + Sinter Plant</td> <td style="text-align: center;">NIL</td> <td style="text-align: center;">10.0</td> <td style="text-align: center;">10.0</td> </tr> <tr> <td>6.</td> <td>Domestic</td> <td style="text-align: center;">13.0</td> <td style="text-align: center;">7.0</td> <td style="text-align: center;">20.0</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL</td> <td style="text-align: center;">204</td> <td style="text-align: center;">151</td> <td style="text-align: center;">355.0</td> </tr> </tbody> </table> <p>Such daily make up water (355 cum/day) will be abstracted from groundwater by borewells. Concurrence letter to operate 2 bore wells for groundwater withdrawal has already been obtained. Permission will be taken for sinking additional bore wells to meet increased make up water demand of the plant after expansion.</p> <p>A rain water harvesting system will be constructed for rainwater storage and use.</p>	Sl. No	Description	Water Demand (cum/day)		Total Water Demand (cum/d)	Existing	Expansion	1.	Sponge Iron Plant (3x50 TPD + 2x100 TPD)	21.0	31.0	52.0	2.	Steel Melting Shop (Induction Furnaces [5x7 T] + Twin Strand Continuous Billet Caster)	10.0	10.0	20.0	3.	Rolling Mill (1,00,000 TPA)	NIL	13.0	13.0	4.	Captive Power Plant (8 MW+4 MW)	160.0	80.0	240.0	5.	Submerged Arc Furnace (SAF) + Sinter Plant	NIL	10.0	10.0	6.	Domestic	13.0	7.0	20.0	TOTAL		204	151	355.0
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1.24	Changes in water bodies or the land surface affecting drainage or run-off?	No	Not envisaged.																																										
1.25	Transport of personnel or materials for construction, operation or decommissioning?	Yes	The project site has very good road & rail connectivity. As such, both these systems are now being used and will be used in future for transportation of personnel & materials during construction and operation phases of this expansion programme.																																										
1.26	Long-term dismantling or decommissioning or restoration works?	No	-																																										
1.27	Ongoing activity during	No	-																																										

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------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------

	decommissioning which could have an impact on the environment?		
1.28	Influx of people to an area in either temporarily or permanently?	Yes	<p>The proposed project shall increase the employment potential and hence may lead to migration to surrounding villages.</p> <p>Manpower, to the tune of 300 persons (including 200 through Labour Contractors). will be required for the operations of the expansion project.</p> <p>Attempts will be made to maximize utilization of local population during the construction activities.</p>
1.29	Introduction of alien species?	No	Nil
1.30	Loss of native species or genetic diversity?	No	-
1.31	Any other actions?	No	-

2. 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)	No	The proposed expansion project will be accommodated within the existing Plant Boundary i.e. 8.9 hectares (22 acres), which is already developed as an industrial land. Additionally, some adjoining land (approximately 1.22 hectares i.e. 3 acres) would be acquired.																																										
2.2	Water (expected source & competing users) unit: KLD	Yes	<p>The daily water use statement for the proposed expansion project is as follows:</p> <table border="1" data-bbox="914 786 1493 1592"> <thead> <tr> <th rowspan="2">Sl. No</th> <th rowspan="2">Description</th> <th colspan="2">Water Demand (cum/day)</th> <th rowspan="2">Total Water Demand (cum/d)</th> </tr> <tr> <th>Existing</th> <th>Expansion</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Sponge Iron Plant (3x50 TPD + 2x100 TPD)</td> <td>21.0</td> <td>31.0</td> <td>52.0</td> </tr> <tr> <td>2.</td> <td>Steel Melting Shop (Induction Furnaces [5x7 T] + Twin Strand Continuous Billet Caster)</td> <td>10.0</td> <td>10.0</td> <td>20.0</td> </tr> <tr> <td>3.</td> <td>Rolling Mill (1,00,000 TPA)</td> <td>NIL</td> <td>13.0</td> <td>13.0</td> </tr> <tr> <td>4.</td> <td>Captive Power Plant (8 MW+4 MW)</td> <td>160.0</td> <td>80.0</td> <td>240.0</td> </tr> <tr> <td>5.</td> <td>Submerged Arc Furnace (SAF) + Sinter Plant</td> <td>NIL</td> <td>10.0</td> <td>10.0</td> </tr> <tr> <td>6.</td> <td>Domestic</td> <td>13.0</td> <td>7.0</td> <td>20.0</td> </tr> <tr> <td colspan="2">TOTAL</td> <td>204</td> <td>151</td> <td>355.0</td> </tr> </tbody> </table> <p>Such daily make up water (355 cum/day) will be abstracted from groundwater by borewells. Concurrence letter to operate 2 bore wells for groundwater withdrawal has already been obtained. Permission will be taken for sinking additional bore wells to meet increased make up water demand of the plant after expansion.</p>	Sl. No	Description	Water Demand (cum/day)		Total Water Demand (cum/d)	Existing	Expansion	1.	Sponge Iron Plant (3x50 TPD + 2x100 TPD)	21.0	31.0	52.0	2.	Steel Melting Shop (Induction Furnaces [5x7 T] + Twin Strand Continuous Billet Caster)	10.0	10.0	20.0	3.	Rolling Mill (1,00,000 TPA)	NIL	13.0	13.0	4.	Captive Power Plant (8 MW+4 MW)	160.0	80.0	240.0	5.	Submerged Arc Furnace (SAF) + Sinter Plant	NIL	10.0	10.0	6.	Domestic	13.0	7.0	20.0	TOTAL		204	151	355.0
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2.3	Minerals (MT)	No	-																																										
2.4	Construction material – stone, aggregates, sand / soil (expected source – MT)	Yes	The construction materials such as cement, MS, sand, aggregates etc. will be sourced locally.																																										

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-------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------

2.5	Forests and timber (source – MT)	No	-
2.6	Energy including electricity and fuels (source, competing users) Unit: fuel (MT), energy (MW)	Yes	The estimated total power demand of the proposed units is around 13.15 MW. The power requirement will be met from existing 8 MW along with the proposed 4 MW captive power plant and from nearby grid of WBSEB.
2.7	Any other natural resources (use appropriate standard units)	No	-

3. 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.

Sl. No.	Information/Checklist confirmation	Yes / No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
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)	No	-
3.2	Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)	No	-
3.3	Affect the welfare of people e.g. by changing living conditions?	No	The project is expected to have a positive impact on the socio economic condition of the population in the area which is likely to improve the living condition of the local people.
3.4	Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,	No	-
3.5	Any other causes	No	-

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------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------

4. 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	-
4.2	Municipal waste (domestic and or commercial wastes)	Yes	Solid waste of domestic / commercial origin that would be generated in the Plant will be disposed off suitably in consultation with the concerned Civic body.
4.3	Hazardous wastes (as per Hazardous Waste Management Rules)	No	-
4.4	Other industrial process wastes	Yes	<p>Dust captured in the Pollution Control Equipment will be used in Sinter Plant.</p> <p>Dolo-char generated in DRI units will be used in AFBC boiler.</p> <p>The fly ash generated will be stored in ash silo and sold as a raw material for cement plants and also used for brick manufacturing and land filling.</p> <p>The hot slag generated from IF and SAF will be transferred to slag yard after cooling and scrap recovery. It will be used as construction material/sold to cement manufacturers.</p> <p>Mill scales generated from CCM and RM will be used in sinter plant.</p> <p>Scraps (Billet crops, end cuts in Rolling Mills etc.) will be used in Charge Mix of Induction Furnace.</p>
4.5	Surplus product	No	-
4.6	Sewage sludge or other sludge from effluent treatment	Yes	Sewage sludge will be disposed off-site in consultation with the concerned local authority.
4.7	Construction or demolition wastes	Yes	Small quantity of construction waste that would be generated will be used for development of the project site.
4.8	Redundant machinery or equipment	No	-
4.9	Contaminated soils or other materials	No	-
4.10	Agricultural wastes	No	-
4.11	Other solid wastes	No	-

5. 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 sources	Yes	<p>The main air pollutant from the proposed expansion project will be particulate matter, SO₂ & NO_x.</p> <p>The emission will be accounted due to use of fossil fuel in coal fired Boiler, diesel operated equipments for various activities, vehicular movement etc. The precautionary / control measures, such as maintenance of vehicles on a regular basis, tall stacks (as per the guidelines of Central Pollution Control Board), water spray system will be used to control dust emission etc.</p>
5.2	Emissions from production processes	Yes	Emissions will take place from proposed Induction Furnaces, Rolling Mill, Submerged Arc Furnace and Captive Power plants. Waste gases from these units will be routed through suitable pollution control devices like Cyclones, Bag Filters, Electrostatic Precipitators (ESPs) and will be released into the atmosphere through tall stacks.
5.3	Emissions from materials handling including storage or transport	Yes	Bag filter system will be installed in the raw material handling site and dust suppression system will be installed.
5.4	Emissions from construction activities including plant and equipment	Yes	Emissions from construction activities would be taken care of by water sprinkling, using equipment in good condition and use of dust masks by workmen.
5.5	Dust or odours from handling of materials including construction materials, sewage and waste	Yes	<p>Dust suppression system will be provided. There will be no odour problem from handling of construction materials.</p> <p>Sewage and solid wastes, if any would be handled in such a manner to have minimum odour or dust problem.</p>
5.6	Emissions from incineration of waste	No	-
5.7	Emissions from burning of waste in open air (e.g. slash materials, construction debris)	No	-
5.8	Emissions from any other sources	No	-

6. 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	All the machinery which will be used in the proposed expansion project will be of highest standard and comply with the national / international standards that take care of air and noise pollution control / vibration control. Hence, no significant impact due to operation of such machineries is anticipated.
6.2	From industrial or similar processes	Yes	Noise and vibration. Proper mitigation measures like installation of acoustic enclosures will be taken for all noise generating equipment.
6.3	From construction or demolition	Yes	Noise below the level of 85 dB(A) will be generated during construction phase. All state of the art equipment, conforming to noise standards would be employed in the proposed expansion project.
6.4	From blasting or piling	Yes	Best efforts will be made to control excessive noise arising out of piling activities. Piling work will be carried out in such a manner so as to have minimum disturbance to the nearby population.
6.5	From construction or operational traffic	Yes	Traffic movement will generate sound. However, best practices will be followed to maintain noise level within 75 dB (A).
6.6	From lighting or cooling systems	Yes	Best noise abatement measures will be adopted to control noise from the cooling systems.
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	There is no use / handling of hazardous material except during annual oil change period, which is done in closed containers. Also, extra care will be taken during lubrication of equipment.
7.2	From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)	No	There will be no discharge of trade effluents from the project. All liquid effluents will be treated and reused inside the plant premises. Sewage will be treated in Sewage Treatment Plant.
7.3	By deposition of pollutants emitted to air into the land or into water	Yes	Dust will be generated to some extent due to different project activities. During the construction phase, proper care will be taken to reduce dust emission, wherever possible.
7.4	From any other sources	No	-
7.5	Is there a risk of long term build up of pollutants in the environment from these sources?	No	-

8. Risk of accidents during construction or operation of the Project, which could affect human health or the environment

Sl. No.	Information / Checklist confirmation	Yes/ No	Details thereof (with approximate quantities / rates, wherever possible) with source of information data
8.1	From explosions, spillages, fires etc from storage, handling, use or production of hazardous substances	Yes	Adequate safety measures will be provided to prevent risk of spillage, fire, etc.
8.2	From any other causes	No	-
8.3	Could the project be affected by natural disasters causing environmental damage (e.g. Floods, earthquakes, landslides, cloudburst etc)?	Yes	The area falls under Earthquake Zone III as per Indian Standard Seismic Zoning Map.

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 utilities, ancillary development or development stimulated by the project which could have impact on the environment e.g.: <ul style="list-style-type: none"> • Supporting infrastructure (roads, power supply, waste or waste water treatment, etc.) • housing development • extractive industries • supply industries • other 	No	The project will have insignificant impact on the road network around the project site. The project is not expected to have any impact of concern on the power supply system, housing and wastes management system of the area. Proposed expansion project will result in considerable growth of the surrounding areas: <ul style="list-style-type: none"> • Economic upliftment. • Rapid growth of service sector will result in increase of income in the area. • Beneficial for different Service Providers and transportation companies. No adverse effect on environment is envisaged.
9.2	Lead to after-use of the site, which could have an impact on the environment	No	-
9.3	Set a precedent for later developments	Yes	The project under consideration will enhance the possibility of developing supporting industrial activities in surrounding areas.
9.4	Have cumulative effects due to proximity to other existing or planned projects with similar effects	No	-

(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	-
2	Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains, forests	None	-
3	Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over wintering, migration	Ramnabagan Wildlife Sanctuary	Ramnabagan Wildlife Sanctuary is located around 4.0 km to the south-west direction of the project site.
4	Inland, coastal, marine or underground waters	Damodar River	Around 8.0 km from the project site
5	State, National boundaries	None	-
6	Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas	None	-
7	Defense installations	None	-
8	Densely populated or built-up area	Burdwan Town	Within 4.5 km (approx) from the project site.
9	Areas occupied by sensitive man-made land uses (<i>hospitals, schools, places of worship, community facilities</i>)	<ul style="list-style-type: none"> ▪ Burdwan University ▪ University Institute of Technology ▪ Burdwan Medical College ▪ Burdwan Raj College ▪ Burdwan Dental College & Hospital ▪ MUC Women's College ▪ Rani School ▪ Bidyarthi Bhavan Girls High School ▪ Burdwan Municipal High School ▪ Burdwan Town School ▪ Burdwan Municipal Girl's High School ▪ Vivekananda College ▪ Burdwan MBC Institute of Engineering & Technology ▪ Kendriya Vidyalaya 	<ul style="list-style-type: none"> 4.3 km (approx) 4.0 km (approx) 4.5 km (approx) 4.6 km (approx) 4.7 km (approx) 5.5 km (approx) 5.6 km (approx) 5.7 km (approx) 5.1 km (approx) 5.5 km (approx) 5.2 km (approx) 7.0 km (approx) 4.1 km (approx) 4.2 km (approx)

Salagram Power and Steel Pvt. Ltd.	Proposed Forward Integration, Expansion and Product Diversification Programme of existing mini Steel Plant at Palitpur Road, Village & P.O Mirzapur, P.S. and District: Bardhaman, West Bengal	FORM 1
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10	Areas containing important, high quality or scarce resources (<i>ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals</i>)	Damodar River	Around 8.0 km (approx.) from the project site
11	Areas already subjected to pollution or environmental damage. (<i>those where existing legal environmental standards are exceeded</i>)	None	-
12	Areas susceptible to natural hazard which could cause the project to present environmental problems (<i>earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions</i>)	None	-

(IV) Proposed Terms of Reference for EIA Studies:

Scope of Work of EIA is enclosed as annexure.

Salagram Power and Steel Pvt. Ltd.	Proposed Forward Integration, Expansion and Product Diversification Programme of existing mini Steel Plant at Palitpur Road, Village & P.O Mirzapur, P.S. and District: Bardhaman, West Bengal	FORM 1
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I do hereby give this 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 given, if any to the project will be revoked at our risk and cost.

Date: 25th November, 2017
Place: Kolkata

Suyash Agarwal
(Director)

Address:
Salagram Power and Steel Private Limited
29 Ganesh Chandra Avenue,
1st floor, Kolkata - 700013

Note:

1. The projects involving clearance under Coastal Regulation Zone Notification, 1991 shall submit with the application a C.R.Z map duly demarcated by one of the authorized agencies, showing the project activities, w.r.t. C.R.Z. (at the stage of TOR) and the recommendations of the State Coastal Zone Management Authority (at the stage of EC). Simultaneous action shall also be taken to obtain the requisite clearance under the provisions of the C.R.Z. Notification, 1991 for the activities to be located in the CRZ.
2. The projects to be located within 10 km of the National Parks, Sanctuaries, Biosphere Reserves, Migratory Corridors of Wild Animals, the project proponent shall submit the map duly authenticated by Chief Wildlife Warden showing these features vis-à-vis the project location and the recommendations or comments of the Chief Wildlife Warden thereon (at the stage of EC)."
3. All correspondence with the Ministry of Environment & Forests including submission of application for TOR/ Environmental Clearance, subsequent clarifications, as may be required from time to time, participation in the EAC Meeting on behalf of the project proponent shall be made by the authorized signatory only. The authorized signatory should also submit a document in support of his claim of being an authorized signatory for the specific project."