



**Regional Controller of Mines,
Indian Bureau of Mines,
Plot No. 149, In front of CPWD Office,
Pokhariput,
Bhubaneswar - 751 020.**

Ref. No. MGM/P&E/ 353 /22
Date: 27.06.2022

Sub : Submission of Data pertaining to Sustainable Development Framework (SDF) for the year 2021-22 in respect of our Tiringpahar Iron & Mn. Mine of Tata Steel Ltd. in the Keonjhar District of Odisha.


Dear Sir,

With pursuance to the Rule 35 (2) of the MCDR, 2017, we are submitting herewith the hard copy of online data dated 27.06.2022 pertaining to Sustainable Development Framework (SDF) for the year 2021-22 in respect of Tiringpahar Iron & Mn. Mine over an area of 169 ha (intended to retain area) of Tata Steel Ltd. in the Keonjhar District of Odisha as **Annexure - 1**.

This is for your kind perusal.

Thanking You.

Yours faithfully,
F: Tata Steel Ltd.


Manager,
Tiringpahar Iron & Mn. Mine

Enclosure - Annexure - 1 - Downloaded online data on SDF for the year 2021-22.

TATA STEEL LTD.

Ferro Alloys & Minerals Division, Manganese Group of Mines, At/P.O. Bichhakundi, Via - Joda,
Dist. Keonjhar, Odisha - 758034, Tel. +91 9238101370, e-mail: mnminesadmin@tatasteel.com
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22 66657724 Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2021-22

LEASE AREA DETAILS

S.N. Particulars	Details								
1. Name of the Mining Lease	Tiringpahar Iron and Manganes								
Name of the Lessee	Tata Steel Limited								
2. Address	Corporate Address : "Bombay House" 24, Homi Mody Street								
Phone	9238306100								
Email	awnish.kumar@tatasteel.com								
3. IBM mine code (for ML)	40ORI08033								
4. IBM Registration Number (under rule 45 of MCDR, 1988)	4376								
5. Major Mineral(s)	<table border="1"> <tr> <td>Manganese Ore</td> <td>: 4856270</td> </tr> <tr> <td>Tonnes</td> <td></td> </tr> <tr> <td>Iron</td> <td>: 5539000</td> </tr> <tr> <td>Tonnes</td> <td></td> </tr> </table>	Manganese Ore	: 4856270	Tonnes		Iron	: 5539000	Tonnes	
Manganese Ore	: 4856270								
Tonnes									
Iron	: 5539000								
Tonnes									
6. Total Lease Area (ha)									
(i) Forest Land (ha)	133.17								
(ii) Private Land (ha)	1.31								
(iii) Revenue land (ha)	34.52								
(iv) Others, if any	0								
7. Lease period (valid up to)	31/03/2030								
8. Reserves (As per UNFC 111,121 & 122) as on End of the reporting year. (In million tonnes)	1.552								
9. Resources as on End of the reporting year. (In million tonnes)	3.304								
10. Method of Mining (Opencast/ Underground, Opencast & Underground)	<input checked="" type="radio"/> Opencast <input type="radio"/> Underground <input type="radio"/> Opencast & Underground								
11. Category - A / B (as per Rule 42(2) of MCDR, 1988)	<input checked="" type="radio"/> Catagory A <input type="radio"/> Catagory B								
12. Captive/Non Captive	<input checked="" type="radio"/> Captive <input type="radio"/> Non Captive								

13. Name and contact details of all the members of Sustainable Development Unit (SDU)

Member 1:

Name: Awnish Kumar
 Designation: Agent and Chief Manager
 Contact No: 923451067100

Member 2:

Name: Rakesh Kumar
 Designation: Mines Manager
 Contact No: 7064423796

Member 3:

Name: Pinak Mishra
 Designation: Sr. Manager (HR)
 Contact No: 9031055728

Member 4:

Name: Ravindra Kumar
 Designation: Unit Head (TSRDS)
 Contact No: 9237019777

Member 5:

Name: Dr. Raza Sarif
 Designation: Sr. Registrar (Hospital,
 Contact No: 8093754818

Member 6:

Name: Amit Kumar Agarwalla
 Designation: Sr. Manager (Finance &
 Contact No: 8092085785

Member 7:

Name: Rishikant Maurya
 Designation: Geologist
 Contact No: 9438887725

Member 8:

Name: Birendra Kumar Jena
 Designation: Sr. Manager (Environment
 Contact No: 8260789770

Member 9:

Name: Santanu Kumar Mahanta
 Designation: Asst. Manager Maintenance
 Contact No: 9438887798

14. Prominent surface feature of national importance, like monuments, place of worship, rivers, etc. if any.

NA

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2021-22

LEASE AREA UTILISATION

S. No.	Type Of Land Use(in ha)	Area put to use at the end of approved plan period	Area put to use at the beginning of RY	Area put to use during the RY	Cumulative area put to use at the end of RY
1.	Mining	40.602	25.023	0.903	25.9260
2.	Mineral Storage	24.031	13.206	1.824	15.0300
3.	Mineral Beneficiation plant	0.000	0.000	0.000	0.0000
4.	Township	0.000	0.000	0.000	0.0000
5.	Tailing Pond	0.000	0.000	0.000	0.0000
6.	Railways	0.000	0.000	0.000	0.0000
7.	Roads	3.636	2.536	-0.006	2.5300
8.	Infrastructure (Workshop, administrative building etc.)	0.300	0.300	0.000	0.3000
9.	OB/waste dump	34.328	25.350	1.642	26.9920
10.	Top soil preservation	0.300	0.000	0.000	0.0000
11.	Others	2.547	2.547	0.000	2.5470

12.	Total area put to use	105.744	68.962	4.363	73.3250
13.	Excavated area reclaimed	5.910	3.900	0.000	3.9000
14.	Waste dump area reclaimed	23.222	17.220	1.890	19.1100

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2021-22

ROYALTY & OTHER CONTRIBUTIONS

S. No.	Details	Amount paid in RY in lakh rupees
1.	Royalty/Dead rent paid	462.52
2.	Contribution to DMF	138.76
3.	Contribution to NMET	9.25
4.	Amount Paid towards despatch sharing in Auction cases	0
5.	Total of other cess or taxes paid to Government, in addition to above	18.21

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2021-22

STATUTORY COMPLIANCES

S. No.	Particulars	Details
1.	Environment Clearance, Order No. and validity	Letter No: J-11015/87/2004-IA.II(M) Date Approved: 17-11-2005 Validity: 31-03-2030 Annual Quantity Approved: 85000
2.(ii)	SPCB Approvals Consent to Establish(Water)	Letter No: 1678/IND-II-NOC-5645 Date Approved: 11-02-2019 Validity: 02-05-2023 Annual Quantity Approved: 85000
2.(i)	SPCB Approvals Consent to Establish(Air)	Letter No: 1678/IND-II-NOC-5645 Date Approved: 11-02-2019 Validity: 02-05-2023 Annual Quantity Approved: 85000
2.(iii)	SPCB Approvals Consent to operate(Water)	Letter No: 536/IND-I-CON-190 Date Approved: 07-01-2022 Validity: 31-03-2025 Annual Quantity Approved: 85000
2.(iv)	SPCB Approvals Consent to operate (Air)	Letter No: 536/IND-I-CON-190 Date Approved: 07-01-2022 Validity: 31-03-2025 Annual Quantity Approved: 85000
3.	Forest Clearance, Letter No. and details	Letter No: F. No. 8-80/2004-F Date Approved: 28-03-2007 Validity: 31-03-2030 Area in hectares: 52
4.	Land Acquisition details, R &R, if applicable	Total Area acquired: 0 Total Ammount Paid: 0

5. Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace.
- Implemented
 Not Implemented
 Not Applicable

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2021-22

Basic Criterion for rating the mine

S.N.	Particulars	Details
1.	Date of Approval of Mining Plan/ Modified Mining Plan / Review of Mining Plan with validity	Letter No: <input type="text" value="RMP/A/07-ORI/BHU/2020-21"/> Date Approved: <input type="text" value="31-07-2020"/> Validity: <input type="text" value="31-03-2025"/> Quantity Approved: <input type="text" value="122000"/>
2.	No. of days Mine was operational (during Reporting Year)	<input type="text" value="309"/>
3.	Mining operation under suspension by Government authorities as on date of submission	<input type="radio"/> Yes <input checked="" type="radio"/> No

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Spending towards SDF

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Constitution of SDU (Sustainable Development Unit) at Mine level - team of Mine management comprising of Technical, Financial, CSR, HRD, Environment heads for ensuring implementation of SDF principles.	<input checked="" type="radio"/> Constituted <input type="radio"/> Not - Constituted	3	3
Total expenditure incurred for implementation of SDF at mine level including -Environment Protection, - CSR & other welfare activities in peripheral area Explanation : <i>Expenditure is not over and above the statutory levies imposed by the Government.</i> However, THIS EXCLUDES CONTRIBUTION TO DMF & NMET .	10% of royalty (in lakhs) <input type="text" value="46.25"/> Total Expenditure for SDF implementation (in lakhs) <input type="text" value="123.61"/> % Utilisation <input type="text" value="267%"/>	5	5
CSR (Corporate Social Responsibility) spending at the mine level in Reporting Year (as per Companies Act, 2013 or otherwise)	Committed (in lakhs) <input type="text" value="69.18"/> Utilised (in lakhs) <input type="text" value="69.23"/>	5	5

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Exploration Activity

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Exploration carried out (as per approved Mining Plan/Scheme of Mining for the Reporting Year)	Has the entire potential mineralised area been explored 100% Proposed <input type="radio"/> Yes Achieved <input checked="" type="radio"/> No		
	Boreholes <input type="text" value="258"/> Meterage <input type="text" value="13220"/>	Boreholes <input type="text" value="57"/> Meterage <input type="text" value="3153"/>	10
G Axis area status as on the beginning of RY	Area under G1 : <input type="text" value="50.11"/> Area under G2 : <input type="text" value="7.24"/> Area under G3 : <input type="text" value="0"/> Area under G4 : <input type="text" value="0.13"/>	% of potential mineralized area explored at G1 label <input type="text" value="87.178"/>	5
			4

Non mineralised
area :

111.52

Use of MIS/ GIS/ Mining Planning softwares
for optimum resource exploitation Yes No

5

5

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Mining Operation: Opencast

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	
Production of mineral in tonnes (RUN OF MINE)	Proposed	Acutal	5	2	
	122000	67012			
Removal of waste/ over burden in cubic meters	Proposed	Acutal	5	5	
	161443	159493			
Bench Height	Proposed (in meters)	Acutal (in meters)	3	3	
	8	8			
Bench Width	Proposed (in meters)	Acutal (in meters)	3	3	
	8	8			
Excavation	Proposed	Acutal	3	3	
		<input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal			
Lateral Submit the grid values	E/W	12090	12312	12095	12300
	N/S	11370	11510	11363	11505
Vertical (in MRL)	564	569			
Lateral Submit the grid values	E/W	11696	11868	11728	11861
	N/S	11560	11749	11560	11730
Vertical (in MRL)	666	670			

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

This section is not for underground mines. please choose next one.

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Zero Waste Mining

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	
Alternative use / Disposal as a percentage of total waste generation (excluding top soil)	Disposal as minor mineral		4		
	<input type="radio"/> Yes <input type="radio"/> No				
Waste dumping	Proposal	Acutal	2	2	
		<input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal			
Lateral Submit the grid values	E/W	11677	11927	11678	11917
	N/S	11166	11341	11151	11339
Vertical (in MRL)	683	677			

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Mineral Conservation

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored
Beneficiation practices for ROM/ mineral Reject/ Subgrade	<input type="radio"/> Yes <input checked="" type="radio"/> No		5	0
Blending of mineral reject/ Subgrade	Quantity blended 4020	Total mineral reject 11716	5	4
Separate stacking of mineral rejects/ subgrade mineral in earmarked area	Proposal	Actual <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal	2	2
Area Submit the grid values	E/W	11550 11706	11552 11705	
	N/S	11277 11629	11305 11628	
Quantity	314001		198979	
Area Submit the grid values	E/W	11748 11873	11761 11859	
	N/S	11348 11472	11367 11470	
Quantity	10000		3463	
Area Submit the grid values	E/W	12219 12314	12219 12314	
	N/S	11828 11992	11828 11991	
Quantity	12000		4232	

* Mineral rejects includes subgrade also

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Environment Compliances

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored
Top soil utilisation/stacking	<input type="radio"/> Stacking <input type="radio"/> Utilized <input checked="" type="radio"/> Stacking & Utilized <input type="radio"/> Not done		5	5
Construction of check dams (Number)	Proposal 1	Achieved 1	1	1
Construction of garland drains	Proposal (in meters) 100C 1 1	Achieved (in meters) <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal 1005 1 1	1	1
Construction of retaining walls	Proposal (L x W x D) in Meters 100C 1 1	Achieved (L x W x D) in Meters <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal 1005 1 1	1	1
Tailings disposal (applicable if beneficiation facility exists)	<input type="radio"/> Thickened tailing disposal <input type="radio"/> Dry disposal of wet tailings <input type="radio"/> Conventional disposal methods <input type="radio"/> Paste filing		5	
Tailings Utilization (%age)	<input type="radio"/> >10% <input type="radio"/> 5-10% <input type="radio"/> 0-5% <input type="radio"/> No Utilization		5	
Dust suppression measures undertaken in mining operation	Water sprinkling on haulage <input checked="" type="radio"/> Yes <input type="radio"/> No		4	4
	Wet drilling/Dust collector <input checked="" type="radio"/> Yes <input type="radio"/> No			
	Water mist spray at crush <input checked="" type="radio"/> Yes <input type="radio"/> No			
	Covering of inactive dumps by geotextiles/plantation etc <input checked="" type="radio"/> Yes <input type="radio"/> No			

Disposal of used oil, lubricants through authorized vendors.	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1
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Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Ground Water Monitoring

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Mechanism for monitoring of parameters of groundwater (GW) status & quality	<input checked="" type="radio"/> Monitoring mechanism available <input type="radio"/> Monitoring mechanism not available	1	1
Ground Water Quality status (with reference to CPCB parameters)	Are they with in the permissible limits? <input checked="" type="radio"/> Yes <input type="radio"/> No	2	2

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Water Usage

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
	Usage of mine water by proper treatment and use for:		
Use of mine water consumption pattern	<input type="radio"/> Drinking water supply <input type="radio"/> irrigation <input type="radio"/> for any other purpose <input type="radio"/> Discharge without treatment	5	
Quantity of recycled water as a % of total water drawl from external sources such as bore wells, rivers or piped water, if applicable	Quantity of recycled water / Quantity of water drawn from external sources In litre <input type="text"/> litre / In litre <input type="text"/> litre	5	
Innovative approach to save and conserve water in the process	Zero leakage/ water loss in water pipelines, storage tanks and water use processes <input checked="" type="radio"/> Yes <input type="radio"/> No 1. Float valve is fitted in over tank 2. Pressure water tap is fitted in all taps 3. Permanent water	2	2
	Drip irrigation or other conservation techniques <input checked="" type="radio"/> Yes <input type="radio"/> No 1. Use of water in the dump plantation area through pipe and nozzles	2	2

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Environmental Monitoring

Environmental Monitoring Standards	Core zone	Buffer zone	Applicable Max Points	Points scored
a) Ambient Air Quality Standards laid down by MoEF&CC	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3
b) Surface Water Quality Standards laid down by MoEF&CC	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3

c) Ground Water Quality Standards laid down by MoEF&CC	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3
d) Noise Level Standards laid down by DGMS	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3
e) Noise Vibration Standards laid down by DGMS	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Green Energy Sourcing & Climate Change Initiatives

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Total Energy requirement in KWH			
Sourced from Green /renewable sources in KWH	231790 9940	4	2
Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1
Innovation in energy saving			
Use of sensors and low energy consumption devices	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Conservation of Fuel	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Conservation through other technical intervention. Please list.	<input checked="" type="radio"/> Yes <input type="radio"/> No 1. Astronomical timers were used to ON and OFF the lights. 2. 400W Sodium vapour and metal	2	2

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Compliance Status

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Violations pointed out by IBM	Total no. of violations pointed out: 4 Violations complied with: 4	4	4
Violations pointed out by DMG, DGMS, MoEFCC & CPCB/SCP.B.	Total no. of violations pointed out (as informed by lessee): 9 Violations complied with: 9	4	4

Note: Proposal and achievement columns are with respect to the reporting year.

Module 2 - FINAL/ PROGRESSIVE MINE CLOSURE & LANDSCAPE RESTORATION

REPORTING YEAR: RY - 2021-22

Particulars	Details			Applicable Max Points	Points scored
1. Backfilling as per approved Mining Plan	Proposal	Actual	%		
Backfilling Area(Ha)				3	
2. Water Reservoir, ground water recharge, and pisciculture, if applicable	Area (in sq. meter)	Maximum Depth (in meter)	Volume (in Cubic meter)		
Proposed Targets for the RY				5	
Actual					

2(a) Efforts towards Rainwater(RW) Harvesting, Groundwater(GW) Recharging	<input checked="" type="radio"/> RW harvesting with GW recharging <input type="radio"/> RW harvesting with no GW recharging <input type="radio"/> No structures	3	3
3. Landscape restoration & rehabilitation of ecology & biodiversity			
Plantation over backfilled area	Proposal (in sq. meter)	Actual (in sq. meter)	% Achivement
	<input type="text"/>	<input type="text"/>	<input type="text"/>
Plantation over dump area	18900	18900	100
Plantation over virgin area(Green belt development)	<input type="text"/>	<input type="text"/>	<input type="text"/>
Agro forestry practiced	<input type="radio"/> Yes <input type="radio"/> No		2
3(a) Efforts for faster restoration [Soil moisture conservation / fencing of area / drip irrigation/ any other]	<input checked="" type="radio"/> Yes <input type="radio"/> No I. Mulching by rice husk and leaf		2
3(b) Treatment of problematic soils, if applicable Treatment with soil amendments, manuring, bio-fertilisers etc.	<input checked="" type="radio"/> Yes <input type="radio"/> No I. Periodic Soil Analysis followed		2
4. Creation of Eco tourism/ recreational facility if applicable			
Area reshaped by pitching & recontouring	Proposed (in sq. meter)	Actual (in sq. meter)	
	<input type="text"/>	<input type="text"/>	2
5. Dump area stabilisation and development if applicable			
Area Covered by geo textiles or similar techniques	Proposed (in sq. meter)	Actual (in sq. meter)	
	<input type="text"/>	<input type="text"/>	5

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2021-22

Rehabilitation & Resettlement for Project Affected People

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
No. of Project Affected People (PAP) as per approved EIA-EMP / SIA-SMP / R&R , if applicable	<input type="text" value="0"/>		
% of PAP for whom alternate arrangements made for sustained livelihood * <i>Indirect employment/Created source of income other than direct employment</i>	<input type="text"/> %	3	
% of project affected persons given employment * (Direct Employment)	<input type="text"/> %	5	
% of project affected persons who have been skilled by the lessee and absorbed (% of total employment given to affected families by imparting training for becoming electrician, mechanic,tailoring	<input type="text"/> %	5	
Social Impact Assessment(SIA) undertaken and Social Impact Management Plan prepared and implemented	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1
* PAP - Indicates the persons who have been displaced due to land aquisition for mining lease			

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2021-22

Grievance Redressal

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Whether a public grievance redressal mechanism is in place	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1

Name, Address and Phone no./Email of Committee Members responsible displayed publicly

Yes No

1

1

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2021-22

Stakeholder Participation

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Participation of stakeholders, host communities and community groups in various activities of the companies such as Environment Management, CSR activities and Capacity Expansion plans	<input checked="" type="radio"/> Yes <input type="radio"/> No Participation	3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2021-22

Support for Drinking Water & Agriculture

* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Exp - enditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Water storage tanks, drinking water supply facility & irrigation support to agriculture	Exp(in Lakhs) - 2.4 1. Installation and repair of hand tube wells at all peripheral	Exp(in Lakhs) - 2.41 1. Installation and repair of hand tube wells at all peripheral	970	3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2021-22

Support to Health & Medical Services

* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Preventive measures for mitigation of mine related health problems	Exp(in Lakhs) - 4 1. Mobile medical unit provision in the peripheral	Exp(in Lakhs) - 4 1. Mobile medical unit provision in the peripheral	848	3	3
Promotion of Hygiene and Sanitation, public health initiatives	Exp(in Lakhs) - 1.2 1. Construction of household toilets (ODF) at	Exp(in Lakhs) - 1.2 1. Construction of household toilets (ODF) at	5	3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Support to Skill development & Education

* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Skill development & Vocational Training programmes for local communities	Exp(in Lakhs) - 1.45 Skill Development Programmes	Exp(in Lakhs) - 1.45 Skill Development Programmes	10	3	3
Promotion of Literacy & Education	Exp(in Lakhs) - 16.15 1. Grant-in-Aid to schools of Joribar	Exp(in Lakhs) - 16.16 1. Grant-in-Aid to schools of Joribar	128	3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Social & Livelihood Support

* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Exp - enditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Support to social, cultural, recreational activities	Exp(in Lakhs) - 23.1 1. Organising outdoor and leadership camps at perpheral	Exp(in Lakhs) - 23.11 1. Organising outdoor and leadership camps at perpheral	835	2	2
Livelihood & Socio-Economic standard improvement support	Exp(in Lakhs) - 19.08 1. Agriculture Activities (SRI and dryland farming) in	Exp(in Lakhs) - 19.09 1. Agriculture Activities (SRI and dryland farming) in	520	3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

Support to Transportation Services & Infrastructure

* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Exp - enditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Improvement of Road connectivity and public transport and other infrastructure facilities	Exp(in Lakhs) - 1.8 1. Repairing of Anganwadi center (2	Exp(in Lakhs) - 1.81 1. Repairing of Anganwadi center (2	120	2	2

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2021-22

Sourcing of manpower amongst locals (from the district) in the mines

Particulars	Details	Max Applicable Points	Points scored
Total Local Manpower (% of total manpower)	Total local man power	223	3
	Total man power	282	
Skilled local manpower (% of total skilled manpower)	Skilled local man power	74	3
	Total skilled man power	86	
Unskilled local manpower (% of total unskilled manpower)	Unskilled local man power	149	3
	Total unskilled man power	196	
% of skilled local manpower who have been skilled by the lessee and absorbed (% of skilled local manpower)	Local man power skilled by lessee and absorbed	2	3
	Skilled total local man power	86	
Working in LWE affected districts (as per MHA)	<input type="radio"/> Yes <input checked="" type="radio"/> No	2	0
Working in Schedule V/Tribal area	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3

Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2021-22

Creating/providing sanitation and healthy condition in and around the mine area

Particulars	Details	Applicable Max Points	Points scored
Adoption of One Village around mining areas for the purpose ODF : (Open Defacation Free Area)	<input checked="" type="radio"/> School, Hospital, Drinking water and ODF <input type="radio"/> School, Hospital and Drinking water <input type="radio"/> School and Hospital <input type="radio"/> School <input type="radio"/> None of these	10	10
Adoption of ODF within mining area	<input checked="" type="radio"/> Yes <input type="radio"/> No	5	5
General Cleanliness of mines area	<input checked="" type="radio"/> Excellect <input type="radio"/> Moderate <input type="radio"/> Poor	3	3
Cleanliness of workshop/Mines Office area	<input checked="" type="radio"/> Excellect <input type="radio"/> Moderate <input type="radio"/> Poor	3	3
Garbage collection and appropriate disposal	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Providing drinking water for mining workers	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Provision for greenage recreational facility	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Awareness program among Mine workers for Swatchata	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2

Module 4 - ASSURANCE AND REPORTING

REPORTING YEAR: RY - 2021-22

Lease Level Reporting - Disclosures and Assurances

Particulars	Details	Applicable Max Points	Points scored
Availability of information on SDF and related Reports on Company's/Mine website	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3

Display of ambient air quality level on website and at prominent locations such as premises gate, mine-office, etc.	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Internal auditing for information submitted.	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3

Module 4 - ASSURANCE AND REPORTING

REPORTING YEAR: RY - 2021-22

Voluntary Adoption of Related International Standards

Particulars	Details	Applicable Max Points	Points scored
QMS (ISO_9001)	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
EMS (ISO-14001)	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
OHSAS (ISO-18001)	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Social Accountability (8000)	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Energy Audit undertaken by BES	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
GRI/Sustainability Reporting	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Swatchata Report	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2