



THE SINGARENI COLLIERIES COMPANY LIMITED

(A Government Company)
SRIRAMPUR AREA

Ref.No. SRP/EST/F/09/391

Date: 07.05.2022.

To
The District Forest Officer,
MANCHERIAL.

Sir,

Sub: F(C) –Act- Submission of compliance report to the stipulation in stage- I permission for diversion of 162.45 ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) in Indaram RF, Mancherial Forest Division for grant of Stage-II permission for Srirampur Open Cast-II Expansion Project –Reg.

- Ref: 1. MoEF&CC, GOI F.No. 8-06/2019-FC dtd. 12.03.2021.
2. The PCCF & HoEF Ref.No. 9917/2017/FCA-04, dated:18.03.2021
3. FDO, Mancherial RC.No.5444/2017-F7(B), dtd.14.02.2022.

Kind attention is invited to the references 1st cited, wherein Stage-I approvals was accorded for 162.45Ha for diversion of RF for Srirampur Open Cast-II Expansion. The SCCL has complied with the stipulated conditions of Stage-I Clearance granted by The MoEF & CC, GoI. Following are the condition-wise compliance report:

A: Conditions which need to be complied prior to handing over of forest land by the State Forest Department and compliance to be submitted prior to Stage-II approval:

| Condition No. | Condition | Compliance |
|---------------|--|--|
| i | The User Agency shall transfer online, the Net Present Value (NPV) of the forest land being diverted under this proposal, as per the orders of the Hon'ble Supreme Court of India dated 28.03.2008, 24.04.2008 and 09.05.2008 in Writ Petition (Civil) No. 202/1995 and the guidelines issued by this Ministry vide its letter No. 5-3/2007-FC dated | As per demand issued by the Forest Divisional officer, Mancherial, the SCCL has deposited Rs.11,26,73,300 (Eleven crores twenty Six lakhs seventy three thousand three hundred rupees) towards NPV. This amount is part of total amount of Rs. <u>32,56,82,000</u> deposited in to CAMPA account. |

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| | 05.02. 2009.The requisite funds shall be transferred through online portal into Ad-hoc CAMPA account of the State Concerned; | UTR.No:SBINR52022042579939285 Dated:25.04.2022 A certificate dated:25.04.2022 issued by Branch Manager, State Bank of India, Srirampur Branch, Mancherial Dist., Telangana State confirming remittance of the above mention amount in to CAMPA account is enclosed.(Annexure. -I) |
| ii | From the analysis of the area through DSS it is observed that a river exists on the southern boundary of Srirampur mining lease area that flows through/alongside large forest area on the downstream at some distance of these leases. Therefore, it is essential to protect the water source for the sustainability of flora and fauna there The User agency shall get a detailed plan (comprising of vegetative and SMC protection barriers, and duly approved by the competent authority in the forest department) prepared by an expert agency and implement it to protect the riverbank so that debris, etc. from mines doesn't block or reduce water flow in the river and cause adverse impact on the flora and fauna in the downstream forested area. The plan shall be implemented within 3 years of handing over of proposed forest land to the User Agency; | A detailed Vegetative and Soil Moisture Conservation Plan has been prepared for an amount of RS.12,70,05,750/- and submitted to the Forest Divisional Officer, Mancherial, vide General Manager, Srirampur Letter reference No. SRP/EST/F/09/2020/477, dated:02.11.2021 Copy enclosed in Annexure-II |
| iii | The area has several coal mines in the vicinity which together had/have been affecting the natural forest cover in this locality in a significant manner, and, therefore, CA over lands other than notified forest would have been ideal scenario. Therefore, keeping in view the goal of harmonious pursual of conservation and development, it was agreed to accept the proposal of Compensatory Afforestation on | 1.Forest department has accepted the Compensatory Afforestation on double the degraded forest area of the forest department. 2. A Board Resolution has been obtained from the Board of Directors of SCCL vide Minute No. 558:5:18 dated 25.09.2021 and the same is enclosed. This has authorised to handover equal |

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| | <p>double the degraded notified forest area under forest department on the condition that in addition to the proposed CA, non-forest area equivalent in size to the diverted forest area shall be made available and mutated in favour of State Forest Department out of the area available immediately after the closure and rehabilitation of mines of M/S SCCL from 2027-28 (or, earlier) onwards as submitted by M/S SCCL vide their letter no.CMD/PS/H/129 dated 29.09.2020. A Board resolution in this regard shall be submitted by the User Agency to the State Forest Department, and the State Forest Department will accordingly ensure the compliance of this condition in a timely manner. The land so mutated shall be notified under the relevant sections of the Forest Act as a Reserve Forest. After handing over, the State Forest Department shall protect the so transferred land and may develop it further at own cost for bringing the area under sustainable forest management. For CA on notified forest land, Nodal Officer shall give a certificate that no afforestation/plantation has been taken up under any plan/programme/scheme on that land in the last ten years;</p> | <p>extent of rehabilitated OB dumps from 2027-28 onwards.</p> <p>Before Handing over of this land it will be mutated in favour of the Forest department.</p> <p>Board resolution copy enclosed in Annexure - III</p> |
| iv | <p>The KML files of diverted area, the CA area and the areas mentioned in sub-clause (ii), (iii) and B(iii) shall be uploaded on e-Green watch portal with all requisite details prior to Stage II approval;</p> | <p>KML files are enclosed for</p> <ol style="list-style-type: none"> Diverted area of 162.45 Ha CA area. 324.90 Ha. For condition B(iii), degraded forest land is to be identified by the Forest department and accordingly KML file is to be uploaded. |
| v | <p>As reported by DFO, Mancheria Division and endorsed by State Government, the User Agency (M/s SCCL) is having two operational open cast mining</p> | <p>It is submitted that the SCCL will organise this exposure visit at the project Cost, as and when names of the Forest Officers are finalised</p> |

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| | <p>projects, namely SRP-1 and RKP OC; 4 underground mines and soon to be operational Indaram OC mines. The two operational mines and the Indaram OC will produce about 829 million tons and about 382 million tons of overburden respectively within their lifetime. It is, therefore, crucial to undertake overburden restoration/stabilisation as the mining progresses as per high scientific to minimise further damage to flora, fauna, soil and hydrology of the adjoining area due to such huge overburden accumulation. As this is a new area of technical expertise, the User Agency has proposed to create adequate capacity in the State Forest Department so that the Eco-restoration of the overburden and the mined out area could be monitored effectively, and for this purpose to expose a team of at least 10 forest officers to global best practice being implemented in coal mines of Australia / New Zealand, etc. at User Agency cost. The recommendation of State Government as reported in the proposal and conveyed by PCCF (HoFF), Telangana and agreed to by the representative of User Agency in the meeting may be accepted on the condition that the visit is approved by the State Government and the admissible expenditure as per norms on this account is reimbursed by the User Agency to the Forest Department;</p> | <p>and furnished to the SCCL</p> <p>An undertaking is enclosed here with. (Annexure-IV)</p> |
| vi | <p>The cost of felling of trees shall be deposited by the user agency with the State Forest Department;</p> | <p>The SCCL deposited an amount of Rs. 21, 86, 257/- (twenty one lacks eighty six thousands two fifty seven rupees only) towards cost of felling trees. This amount is part of total amount of Rs.61,19,567/- paid to the Forest Divisional Officer, Mancherial A/C. No.0112556358,</p> |

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| | | Kotak Mahindra Bank ,Mancherial Branch ,dated: 25.04.2022. Copy of receipt enclosed in Annexure- V |
| vii | The land identified for the purpose of CA shall be clearly depicted on a Survey of India topo sheet of 1:50,000 scale; | A copy of identified CA Land plan in TOPO sheet is enclosed in Annexure – VI |
| viii | The User Agency shall transfer the cost of raising and maintaining the compensatory afforestation at the current wage rate in consultation with State Forest Department in the account of CAMPA of the concerned State through online portal. The scheme may include appropriate provision for anticipated cost increase for works scheduled for subsequent years; | An amount of Rs. 2095.538 Lakhs toward CA has been remitted into CAMPA Account number: 155705829918756 along with other amounts. This amount is part of total amount of Rs.32,56,82,000/-. Copy of receipt enclosed in Annexure – VII |
| ix | All the funds received from the user agency under the project shall be transferred/ deposited in CAMPA account only through e-portal (https://parivesh.nic.in/). Amount deposited through other mode will not be accepted as compliance of the Stage-I clearance. | A total amount of Rs.32,56,82,000 (Thirty two crores fifty six lakhs eighty two thousand rupees only) has been remitted into CAMPA account No 155705829918756 A certificate dated 25.04.2022 issued by Branch Manager, , State Bank of India, Srirampur Branch, Mancherial District, Telangana state, confirming remittance of the above mention amount in to CAMPA account is enclosed.(Annexure - VIII) |
| x | The compliance report shall be uploaded on e-portal (https://parivesh.nic.in/). | It is requested to upload the compliance report on the e-Portal (http:// parivesh.nic.in) |
| xi | The complete compliance of the FRA, 2006 shall be ensured by way of prescribed certificate from the concerned District Collector; | The District Collector, Mancherial vide Rc.No.D4/1232/2017 dtd.10.08.2018 has issued No Objection Certificate as required under RoFR Act, certifying No Objection for diversion of forest land. Copy of certificate along with |

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| | | Gramasabha resolution and its attested English translation are enclosed.(Annexure -IX) |
| xii | Violation of any of these conditions will amount to violation of Forest (Conservation) Act, 1980 and action would be taken as prescribed in para 1.21 of Chapter 1 of the Handbook of comprehensive guidelines of Forest (Conservation) Act, 1980 as issued by this Ministry's letter No. 5-2/2017-FC dated 28.03.2019; | The SCCL agree to comply with the provisions of all Act., Rules, Regulations & Guidelines issued from time to time. An undertaking is also enclosed in Annexure- X |
| xiii | The KML files of diverted forest land , CA area and other areas over which plantation and any other activities are proposed to be taken up from CAMPA fund shall be up loaded on e-green watch portal | KML files are enclosed for a) Diverted area of 162.45 Ha b) CA area of 324.90 Ha. For condition B(iii), Land is to be identified by the Forest department and accordingly KML file is to be uploaded. Soft copy (DVD enclosed) |

B: Conditions which need to be complied on field after handing over of forest land to the user agency by the State Forest Department but the compliance in form of undertaking shall be submitted prior to Stage-II approval:

| Condition No. | Condition | Compliance |
|---------------|--|--|
| i | Legal status of the diverted forest land shall remain unchanged; | Legal status of the forest land will remain unchanged. An undertaking to that effect is enclosed (Annexure- XI) |
| ii | The validity of FC approval shall be up to 27.6.2030; | Agreed for Co-terminus with mining lease. An undertaking is enclosed (Annexure- XII) |
| iii | In addition to CA, restoration of degraded notified forests in an area equivalent to the diverted forest area will be undertaken at the cost of the User Agency in between Mancherial and Jaipur, as is being done elsewhere in Telangana State. The restoration | The SCCL agree to take up restoration of degraded notified forests in an area equivalent to the diverted forest area will be undertaken at the cost of the SCCL in between Mancherial and Jaipur. The restoration work will be taken up within 6 months from the date of |

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| | work shall start within 6 months of handing over of proposed forest land to the User Agency; | permission to take up restoration works. An Undertaking is enclosed herewith. (Annexure – XIII) |
| iv | The User Agency shall comply with the Hon'ble Supreme Court order and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. in a timely manner; | The SCCL agrees to comply With the Hon'ble Supreme Court order and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna, etc. An Undertaking is enclosed herewith. (Annexure – XIV) |
| v | Compensatory afforestation shall be taken up by the Forest Department over 324.9 ha. Degraded forest land (Compartment no. / Khasra No.691,693,698,687,688,689,690, Adilabad District) at the cost of the User Agency. As far as practicable a mixture of local indigenous species will be planted and monoculture of a species has to be avoided. If it is not possible to plant so many saplings in the area identified for CA, the balance saplings will be planted in any other forests as per prescriptions of approved working plan with provision for ten years on subsequent maintenance; | An amount of Rs.20,95,53,800/- (Twenty crores ninty-five Lakhs fifty three thousands eight hundred rupees only) towards CA has been remitted with CAMPA along with other amounts in Account No 155705829918756, dated : 25.04.2022 Payment certificate is enclosed in Annexure – XV |
| vi | Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government from the User Agency. The User Agency shall furnish an undertaking to this effect; | An undertaking for payment of additional amount of NPV payable, if any as per the Hon'ble Supreme court of India is furnished in Annexure – XVI |
| vii | The future forest diversion proposals in the coal mining | The SCCL agree with this stipulation |

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| | <p>projects of the User Agency (those which have not been forwarded to the Central Government by the State Governments as yet) shall have CA undertaken on areas outside notified forests. CA on degraded notified forests in these cases shall be considered only in exceptional circumstances when:-</p> <p>a. State Government has issued a certificate that degraded forest land (double in extent) outside notified forest boundary is not available for CA purpose, and</p> <p>b. The Nodal Officer has certified that no afforestation/plantation has been taken up under any plan/programme/scheme in the degraded forest area proposed for CA in the last ten years</p> | |
| viii | <p>Fencing, protection and regeneration of the safety zone area [7.5 meters strip shall be kept within the mining lease boundary and area of the safety zone shall be part of the total area of mining lease] shall be done at the project cost within three years and maintained thereafter as per approved working plan of the State Govt.;</p> | <p>The fencing, protection and regeneration of the safety zone area (7.5 meters strip within the mining lease boundary) will be done at the project cost by SCCL within 3 years from the date of issue of Stage II clearance. A detailed plan was prepared and submitted to Forest Divisional Officer, Mancherla vide Lr.No. SRP/EST/F/09/2020/477, dated:02.11.2021. An undertaking is enclosed in Annexure – XVII</p> |
| ix | <p>The User agency either himself or through the State Forest Department shall undertake afforestation on degraded forest land, at project cost, one and half time in extent to the area used for safety zone;</p> | <p>The SCCL deposited an amount of Rs.34,54,900/- (Thirty Four Lakhs Fifty Four Thousand Nine Hundred Rupees only) for doing afforestation of degraded forest land one and Half times of the safety zone. This amount is part of total amount of Rs.32,56,18,000/-. Payment Challan is enclosed in Annexure – XVIII.</p> |
| x | <p>Period of diversion of the said forest land under this approval shall be for</p> | <p>The State Government has issued G.O.Ms.No.9 dated 16.04.2022 for</p> |

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| | a period co-terminus with the period of the mining lease granted under the Mines and Minerals (Development and Regulation) Act, 1957, as amended and the Rules framed there-under; | Indaram Mining Lease valid upto 28.07.2030. Copy of the GO is enclosed. (Annexure - XIX). |
| xi | The User Agency shall obtain the Environment Clearance as per the provisions of the Environmental (Protection) Act, 1986, if required; | Application for the Environment Clearance for the proposed expansion project has been submitted and Form-II uploaded to MoEF & CC, Gol vide proposal No. IA/TG/CMIN/187387/2017 dtd 02.11.2022 and EAC meeting is awaited. (Annexure-XX) |
| xii | No labour camp shall be established on the forest land and the User Agency shall provide fuels preferably alternate fuels to the labourers and the staff working at the site so as to avoid any damage and pressure on the nearby forest areas; | The forest land will not be used for establishing for labour camps. An undertaking is enclosed. (Annexure - XXI) SCCL is providing free supply of LPG to all its employees @ 12 cylinders per Annum. An undertaking is enclosed. (Annexure - XXI). |
| xiii | The boundary of the diverted forest land, mining lease and safety zone, as applicable, shall be demarcated on ground at the project cost, by erecting four feet high reinforced cement concrete pillars, each inscribed with its serial number, distance from pillar to pillar and GPS co-ordinates; | As per the demand issued by the Forest Divisional Officer, Mancherial, an amount of Rs. 39.303 Lakhs was deposited in the Forest Divisional Officer, Mancherial account number: 0112556358, Dated: 25.04.2022 for construction of four feet high reinforced cement concrete pillars. This amount is part of total amount of Rs. Rs.61,19,567/- Copy of receipt enclosed as Annexure-XXII |
| xiv | The forest land proposed to be diverted shall under no circumstances be transferred to any other agency, department or person without prior approval of the Central Government; | The proposed forest land will not be transferred or sublet to any other agencies, departments or persons without prior approval of Central Government. An undertaking is enclosed (Annexure - XXIII) |
| xv | No damage to the flora and fauna of the adjoining area shall be cause; | No damage to the flora & fauna in the adjacent forest area will be |

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| | | caused. An undertaking is enclosed (Annexure - XXIV) |
| xvi | The layout plan of the mining plan/ proposal shall not be changed without the prior approval of the Central Government; | Yes, the layout of the proposed forest land will not be changed with-out the prior approval of the central Government. An undertaking submitted. (Annexure - XXV) |
| xvii | The concerned Divisional Forest Officer, will monitor and take necessary mitigative measures to ensure that there is no adverse impact on the forests in the surrounding area; | Related to State forest department |
| xviii | The user agency shall explore the possibility of translocation of maximum number of trees identified to be felled and shall ensure that any tree felling shall be done only when it is unavoidable and that too under strict supervision of the State Forest Department; | Most of the plants are Shrubs in nature beside Eucalyptus, Bamboo plantation. The area diverted is for open cast mine. Hence, felling of trees is unavoidable. However, trees in diverted forest land will be restricted to the minimum and trees will be felled under strict supervision of the state forest department. The SCCL has deposited Rs.21,86,257/- with the Forest Divisional Officer, Mancherial for Tree felling charges. This amount is part of total amount of Rs. Rs.61,19,567/- Copy of receipt enclosed as annexure-XXVI |
| xix | The User Agency shall undertake mining in a phased manner after taking due care for reclamation of the mined over area. The concurrent reclamation plan as per the approved mining plan shall be executed by the User Agency from the very first year, and an annual report on implementation thereof shall be submitted to the Nodal Officer, Forest (Conservation) Act, | The user agency has submitted an undertaking to this effect stating that the mining activities will be done as per approved mining plan with due care for reclamation of the mine over area under the supervision and direction of forest department. The Mining Plan was approved by the Ministry of Coal, Gol vide Lr No.1306/1/2017-PCA, Dated:21-08-2017. |

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| | 1980, in the concerned State Government and the concerned Regional Office of the Ministry. If it is found from the annual report that the activities indicated in the concurrent reclamation plan are not being executed by the User Agency, the Nodal Officer or the concern Dy. Director General (Central) may direct that the mining activities shall remain suspended till such time, reclamation activities area satisfactorily executed; | Copy enclosed as Annexure - XXVII |
| xx | The User Agency shall submit the annual self -compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly; and | The SCCL will submit the annual self compliance report by the end of March, every Year regularly to the MoEF&CC, Gol, Regional office, Hyderabad and the Pr. Chief Conservator of Forests, Telangana and the Forest Divisional Officer, Mancherial. An undertaking is enclosed in Annexure - XXVIII |
| xxi | The user agency shall comply all the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project, if any, for the time being in force, as applicable to the project. | SCCL agree to comply with the provision of all Acts, Rules, regulations, & guidelines issued from time to time. An undertaking is enclosed in Annexure - XXIX |


Further, as per the Principal Chief Conservator of Forests (HoFF) letter Rc. No.9917/2017/FCA-4, dated: 18.03.2021 and in accordance with the MoEF& CC, Gol, instructions issued vide F.No.8-06/2019-FC, dtd.12.03.2021. Stage-1 clearance granted by MoEF &CC, New Delhi has been published in News Papers Sakshi Telugu daily paper and The Hans India English News paper on 17.09.2021. Copies of News Paper notifications are enclosed. The same has also been displayed on the notice board of concerned Offices of Local Bodies.

It is requested to kindly obtain the compliance to the stipulations where the forest department is the agency for compliance.

Since the SCCL (User Agency) has complied with all the conditions of Stage-I clearance, it is requested to kindly arrange to forward the compliance report to the the conservator of the Forest, Nirmal and Field Director Kawal Tiger Reserve, for

submission to the Principal Chief Conservator of Forests (Head of Forest Force),
Telangana State, Hyderabad to recommend to MoEF& CC, Gol for grant of Stage-II
clearance.

Yours faithfully,


General Manager
Srirampur Area.

Encl: As above.

ANNEXURE -I

SBINR52022042579939285

AGENCY COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 21-04-2022

| | |
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| Agency Name. | SINAGRENI COLLIERIES COMPANY LIMITED |
| Application No. | 5829918756 |
| MoEF/SG File No. | 8-06/2019-FC |
| Location. | Telangana |
| Address. | General Manager, SriRampur Area, SCCLAdilabad |
| Amount(in Rs) | 325682000/- |

Amount in Words : Thirty-Two Crore Fifty-Six Lakh Eighty-Two Thousand Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|---|
| Beneficiary Name: | Telangana CAMPA |
| IFSC Code: | UBIN0903710 |
| Pay to Account No. | 155705829918756 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi -110003 |

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may
Email: helpdeskcampa@corpbank.co.in

Note: After making the required payment through challi
even after 7 working days, then kindly mail a copy of y
Email: cb0371@unionbankofindia.com



Print



STATE BANK OF INDIA
SRIRAMPUR BRANCH (20910)
PH NO: 08736-234031. FAX NO: 08736-234751
Email [id-sbi.20910@sbi.co.in](mailto:sd-sbi.20910@sbi.co.in)

DATE:25-04-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that based on request of our customer the Singareni Collieries Company Limited, bearing account no:52160836068 Srirampur Area, Mancherial Dist. Telangana State has remitted through RTGS Rs. 32,56,82,000, to telangana state CAMPA account No:155705829918756, IFSC code:UBIN0903710 Union Bank Of India, Lodhi Complex Branch, Block 11, CGO Complex, Phase 1, Lodhi Road, New Delhi-110003.

Rs 32,56,82,000/- UTR NO: SBINR52022042579939285

Bhinary
BRANCH MANAGER





Scheme For

VEGETATIVE AND SOIL MOISTURE CONSERVATION PLAN

In compliance

with

Condition No. A (2) of

Stage-I Forest Clearance Granted

File No.8-06/2019FC, Dated.12.03.2021

of Govt. of India, Ministry of Environment, Forest & CC, New Delhi.

for

Diversion of 162.45 Ha of Forest Land

**In Indaram RF for Grant of Mining Lease for Srirampur Opencast-II Expansion
Project of**

M/S Singareni Collieries Company Ltd (SCCL)

In

Mancherial Forest Division, Mancherial District

Telangana.

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SOIL MOISTURE CONSERVATION PLAN FOR SRIRAMPUR OPEN CAST-II EXPANSION PROJECT

1. BACKGROUND OF THE COMPANY:

The Singareni Collieries Company Ltd. has been exploiting coal for more than 125 years. Out of 470km long Pranahita Godavari Valley Coal Field, 350 Km sector lies mostly in the South Indian State of Telangana. Over the years, the company had expanded its exploitation activities in Jaya shankar Bhupalpally, Peddapalli, Mancherial, Kumarambheem Asifabad, Khammam and Bhadradi Kothagudem districts of Telangana State and is operating 25 Nos underground mines and 20 Nos opencast mines.

The proposed Srirampur (SRP) OC – II Expansion Project, is designed for extraction of 74.15 MT of coal reserves during life of the project by removing 739.71 M.Cu.m of OB (Over burden) at an average stripping ratio of 9.98 Cu.m/T up to the depth of 350 m. This project is planned for a rated production of 3.5 MTPA during a life of 22 years starting from 2016-17 as per the approved Mining Plan approved by MoC Vide No. 13016/1/2017-PCA, Dated 21.08.2017. The total project area is 1604.11 ha, which includes forest land to an extent of 276.38 ha. Out of the total Forest land requirement of 276.38 ha, SCCL has already acquired 113.93 ha in parts vide Lr.No.8-56/91-FC/1777/F, dt.29.05.2001 (30 yrs) and 100.82 ha: F.No.8-27/2007-FC, dt.16.06.2009 (20 Yrs) and remaining 162.45 ha of forest land under process for which stage-I permission received vide MoEF & CC vide File No.8-06/2019FC, Dated.12.03.2021. It has been stipulated that a detailed plan comprising of Vegetative and SMC protection barriers to protect the river bank to be prepared. The condition is mentioned at point No.A(ii) of Stage-I and is produced as below:

"From the analysis of the area through DSS it is observed that a river exists on the Southern boundary of Srirampur mining lease area that flows through/alongside large Forest area on the downstream at some distance of these leases. Therefore, it is essential to protect the water source for the sustainability of flora and fauna there. The User agency shall get a detailed plan (comprising of vegetative and SMC protection barriers, and duly approved by the competent authority in the forest department) prepared by an expert agency and implement it to protect the riverbank so that debris, etc. from mines doesn't block or reduce water flow in the river and cause adverse impact on the flora and fauna in the downstream forested area. The plan shall be implemented within 3 years of handing over of proposed forest land to the User Agency;"

In order to submit compliance for the above stipulated condition, Vegetative and Soil Moisture Conservation Plan is prepared.

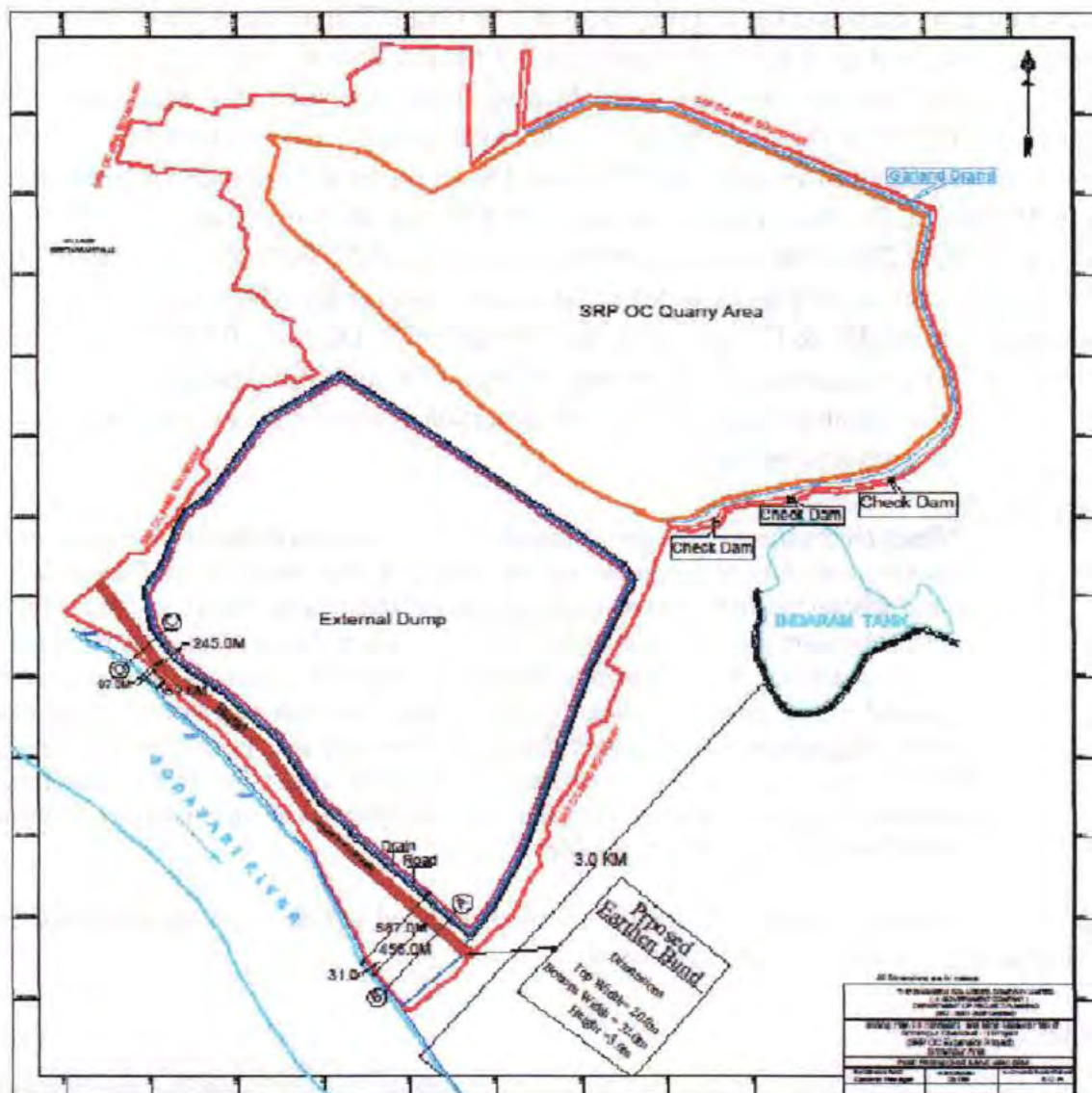
2. LOCATON:

The SRP OC-II Expansion Project is carved out of Srirampur OCP Geological Block (covering 7.64 Sq.Km) located in the southern part of the Somagudem-Indaram coal-belt in the Godavari Valley Coal Field and forms part of Bellampalli Region of SCCL. The project is covered in Survey of India Toposheet No.56 N/5 and 56 N/9 and is bounded between the North latitude 18°48'02" and 18°51'18" and East longitude 79°28'46" and 79°31'44". The block is falling in the Mancherial district in Telangana State. The Project

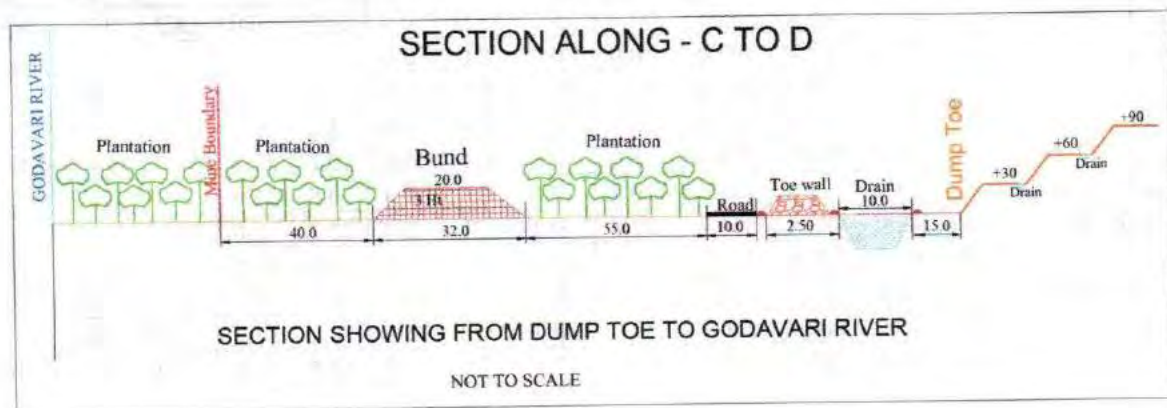
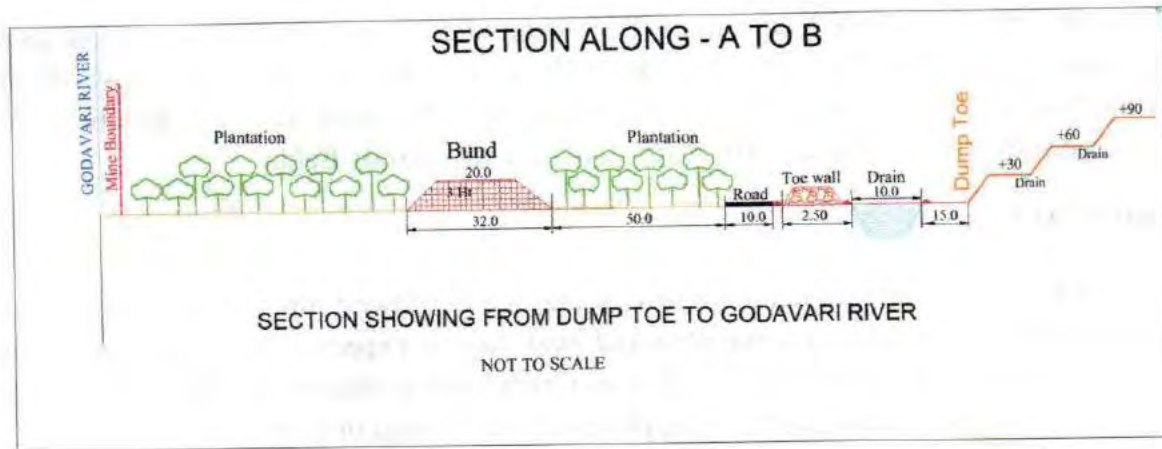
is connected to Chennur/Mancheril Highway by 1.5 Km road. Srirampur town-ship and Mancheril town are at a distance of 1.5 Km and 7.5 Km due west respectively. The nearest railhead is Mancheril Railway Station, which is at a distance of about 7.5 Km on Kazipet-Balharshah section of South Central Railway.

3. TOPOGRAPHY:

The Block area is of gently sloping plains with local undulations towards south. The adulatory sandy clays are imperfectly drained, while the hilly region is of beveled cuesta type with intervening depressions. The topographic elevation varies from 142.76m to 164.03m above Mean Sea Level. The general slope of the area is 5.7 m/Km towards Godavari River in the south central part. The Godavari River flows in the Northwest-southeast direction on the south side of the mining lease area.



Plan showing Project Boundary, external Dump, Quarry area, proposed earthen bund & Godavari River.



4. DRAINAGE PATTERN:

The area is mainly drained by perennial river Godavari, which is flowing NW to SE direction in the southern part of the area. The major streams Ralla Vagu, Tolla Vagu and Tekumatla Vagu, which are Ephemeral tributaries of Godavari River in the region, are draining the area. The drainage density is 2.46 km/sq.km within the block area. There does one water tank (Indaram tank) exist towards E-W corner of the proposed quarry edge and the distance between the Indaram tank and Godavari River is around 3.0 km. The water let into the Indaram tank from the settling tanks constructed in the project area through check dams. Thus mud free water flows into the Indaram tank. However, at regular interval of time, siltation work is being done at Indaram tank. The area between the Godavari River and water tank is fully covered with **paddy fields**.

5. RAINFALL:

A critical review of the rainfall data reveals that the Southwest monsoon season for this area is active from July to September and peak rain is expected during the month of August. Rainfall during the span of 10 years (2010-2020) is measured at Mancherial rain gauge station. The mean rain fall took place over the period of 10 years at this area was 1103.6 mm.

Monthly rain fall data from the year 2010-2020 measured at Mancherial Station is given in the following Table.

Monthly Rainfall data of Mancherial station in (mm)

| Year | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|--------|
| 2009-2010 | 78.4 | 220.3 | 123.4 | 77.4 | 214.2 | 41.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 757.5 |
| 2010-2011 | 30.0 | 461.0 | 565.4 | 283.9 | 109.0 | 75.0 | 12.0 | 0.0 | 82.2 | 0.0 | 18.2 | 15.6 | 1652.3 |
| 2011-2012 | 84.8 | 272.8 | 283.8 | 200.6 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 | 4.8 | 0.0 | 849.4 |
| 2012-2013 | 93.0 | 346.6 | 333.4 | 279.6 | 64.4 | 10.2 | 0.0 | 0.0 | 17.4 | 0.0 | 14.7 | 8.6 | 1167.9 |
| 2013-2014 | 317.6 | 530.6 | 297.8 | 113.6 | 184.6 | 0.0 | 0.0 | 0.0 | 3.2 | 59.0 | 12.6 | 12.6 | 1531.6 |
| 2014-2015 | 73.2 | 223.8 | 181.2 | 269.4 | 28.0 | 6.2 | 0.0 | 45.8 | 10.2 | 27.8 | 51.6 | 4.4 | 921.6 |
| 2015-2016 | 227.4 | 213.2 | 121.8 | 253.0 | 16.2 | 0.0 | 0.0 | 0.4 | 0.0 | 44.6 | 9.8 | 46.2 | 932.6 |
| 2016-2017 | 262.4 | 343.0 | 209.4 | 239.2 | 152.0 | 0.0 | 0.0 | 0.0 | 22.2 | 0.0 | 23.2 | 175.5 | 1426.9 |
| 2017-2018 | 115.3 | 162.3 | 148.6 | 111.2 | 15.6 | 0.0 | 0.0 | 0.0 | 0.0 | 11.4 | 17.1 | 20.8 | 602.3 |
| 2018-2019 | 145.0 | 246.0 | 437.7 | 93.7 | 0.0 | 0.0 | 20.0 | 30.5 | 0.0 | 12.7 | 0.0 | 0.3 | 985.9 |
| 2019-2020 | 95.0 | 279.9 | 404.8 | 286.3 | 153.2 | 0.3 | 0.3 | 3.6 | 24.4 | 5.3 | 0.5 | 58.3 | 1311.9 |
| Mean | 138.4 | 300.0 | 282.5 | 200.7 | 85.2 | 12.1 | 2.9 | 7.5 | 14.5 | 14.6 | 13.9 | 31.3 | 1103.6 |

6. LAND USE PATTERN:

The following table depicts the land use pattern during the course of extraction of coal from the project area.

| Sl. No. | Type | Land use (During Mining) Ha | | |
|---------------|--|-----------------------------|----------------|----------------|
| | | RF | Non-RF | Total |
| 1. | Excavation/Quarry Area: | | | |
| | (a) Backfilled Area | - | 286.68 | 286.68 |
| | (b) Excavated Void | 248.93 | 111.81 | 360.74 |
| | Sub-Total | | 398.49 | 647.42 |
| 2 | Top Soil Dump including BC Soil storage dump yard | - | 25.63 | 25.63 |
| 3 | External Dump | - | 518.72 | 518.72 |
| 4 | Safety Zone / Rationalisation area: | | | |
| | (a) Safe barrier & Drain along the Quarry | 26.99 | 67.69 | 94.68 |
| | (b) Safe barrier & Drain along the Ext dump | - | 183.00 | 183.00 |
| | Sub-Total | | 250.69 | 277.68 |
| 5 | Road & Infrastructure area (Service Buildings and CHP) | - | 13.23 | 13.23 |
| 7 | Embankment (Protection Bund along Godavari) | - | 15.99 | 15.99 |
| 8 | Green Belt | - | 52 | 52 |
| 9 | Others (Railway line) | - | 53.44 | 53.44 |
| Total: | | 275.92 | 1328.19 | 1604.11 |

7. PROPOSED END LAND USE STATUS:

The proposed land use status at the end of SRP OC-II Expansion project life is as below:

| Sl. No. | Type | Total Area (Ha) | Undisturbed area (Ha) | | Reclaimed area (Ha) | |
|--------------------|--|-----------------|-----------------------|---------------|---------------------|----------------|
| | | | RF | Non-RF | RF | Non-RF |
| 1 | Excavation/Quarry Area: | | | | | |
| | (a) Backfilled Area | 286.68 | | | 40.04 | 246.64 |
| | (b) Excavated Void | 360.74 | 212.76 | 147.98 | - | - |
| | Sub-Total | 647.42 | 212.76 | 147.98 | 40.04 | 246.64 |
| 2 | Top Soil Dump including BC Soil storage dump yard | 25.63 | - | 6.26 | | 19.37 |
| 3 | External Dump | 518.72 | - | | | 518.72 |
| 4 | Safety Zone /Rationalisation area: | | | | | |
| | (a) Safe barrier & Drain along the Quarry | 94.68 | 23.12 | 41.54 | | 5.92 |
| | (i) Roads | | | 9.53 | | - |
| | (ii) Garland drains | | | 9.57 | | - |
| | (iii) Settling ponds | | | 5 | | - |
| | (b) Safe barrier & Drain along the Ext dump : | 183.00 | | | | 159.16 |
| | (i) Roads | | | 9.35 | | - |
| | (ii) Garland drains | | | 10.49 | | - |
| | (iii) Settling ponds | | | 4 | | - |
| | Sub-Total | 277.68 | | 89.48 | | 165.08 |
| 5 | Road & Infrastructure area (Service Buildings and CHP) | 13.23 | | 13.23 | | - |
| 7 | Embankment (Protection Bund along Godavari) | 15.99 | - | - | - | 15.99 |
| 8 | Green Belt | 52 | - | | - | 52 |
| 9 | others (Railway line) | 53.44 | - | 53.44 | - | - |
| Grand Total | | 1604.11 | 235.88 | 310.39 | 40.04 | 1017.80 |

8. SOIL TYPE:

To assess impact of the mining on soil in and around project site and the effect on Agricultural field; baseline soil quality of the area has been evaluated with respect to physical and chemical parameters. The physico-chemical properties of soil, which are important for plant growth and agricultural productivity i.e. texture, bulk density, moisture content, water holding capacity, pH, EC, Organic Carbon and Nutrients are analyzed for seven soil samples in the study area.

Air-dried and sieved samples are used for determination of physical properties of soil. Soil characteristics such as the texture of the soil vary from loam, sandy and sandy loam. The Porosity and Water Holding Capacity are in the range of 39.75 – 51.61% and 31.89 – 49.19% respectively. Soil of all the project area and surrounding areas are neutral to moderately alkaline in nature having pH in the range of 6.9 to 7.6.

9. EXISTING VEGETATION:

The most of the project area is occupied with Plantation of Eucalyptus Albizia sp., Peltophorum sps., Dendrocalamus strictus, Senna siamea, Acacia auriculiformis, etc. There is open vegetation having dominant tree species like Acacia holosericea is spreading like weed. The forest type is southern tropical deciduous in nature existing growth of teak and its associates are mainly coppice in nature. The density of growth is about 0.1 to 0.2

In order to sustain and augment the vegetation and soil moisture, it is planned to take up plantation within the area particularly in the area falling towards Godayari River side besides areas of the over burden.

The following species will be planted.

| Sl.No. | Scientific name | Common name |
|--------|-------------------------------|-------------|
| 1 | <i>Ficus religiosa</i> | రావి |
| 2 | <i>Ficus bengalensis</i> | మర్రి |
| 3 | <i>Ficus mollis</i> | జువ్వ |
| 4 | <i>Ficus carica</i> | మేడి |
| 5 | <i>Dendrocalamus strictus</i> | వేదురు |
| 6 | <i>Azadirachta indica</i> | వేప |
| 7 | <i>Hardwickia binata</i> | నారేప |
| 8 | <i>Syzygium cumini</i> | నేరేడు |
| 9 | <i>Limonia acidissima</i> | వెలగ |
| 10 | <i>Aegle marmelos</i> | మారేడు |
| 11 | <i>Annona squamosa</i> | సీతాఫలమ్ |
| 12 | <i>Terminalia bellarica</i> | తాని |
| 13 | <i>Pterocarpus marsupium</i> | ఎగిస |
| 14 | <i>Emblia officinalis</i> | ఉసిరి |
| 15 | <i>Bauhinia purpurea</i> | పెద్ద ఆరె |
| 16 | <i>Madhuka indica</i> | ఈప్ప |

| | | |
|----|-----------------------------|-----------|
| 17 | <i>Tamarindus indica</i> | చింత |
| 18 | <i>Pithecelobium dulce</i> | సీమచింత |
| 19 | <i>Sterculia urens</i> | తప్పి |
| 20 | <i>Bombax ceiba</i> | బూరుగ |
| 21 | <i>Albizzia lebbek ese.</i> | దిరిషినమ్ |

SCCL has been carrying out plantation at both external internal OB Dumps at all the operating OC mines. The following pictures depict and bring out the SCCL commitment towards the compliance of the conditions stipulated with regard to plantation under the various permissions granted there at.

Dump Plantation at JVR OC



The above pictures depict the extent of the plantation was taken up at the JVR OC Project of External Dumps and internal dumps in compliance to the various permissions granted to the project.



10. OBJECTIVE OF THE SCHEME:

The main objective of the present scheme is to take up measures in order to mitigate the issues likely to be raised due to dumping of OB and thus soil erosion. It envisages to undertake gap plantation, soil & moisture conservation activities to protect the riverbank so that debris, etc. from mines doesn't block or reduce water flow in the river and cause adverse impact on the flora and fauna in the downstream forested area though in between only private agricultural land is there. The steps to be followed are as under:

- A. Structural Measures
- B. Biological Measures
- C. General

A. Structural Measures:

Structural measures are required to be taken before vegetative measures are adopted in order to control the soil erosion. The objective behind building mechanical structures is to reduce the degree and length of the slope, reducing run-off and consequently, reducing soil erosion following measures are proposed.

a. Terracing of OB Dump Slope

The slope of individual soil dump shall be within the permissible range considering the angle of repose of the soil and space available, thereby maintaining the angle of repose at less than 28° . The terracing will be done through the internal resources by deploying the operating mining equipment. All these operations will be carried out after sufficient deposition of OB.

Over Burden Dumping Strategy:

- Internal dumping will start from 4th year onwards and external dumping of OB will be done up to 10th year and later total OB excavated from the quarry will be accommodated in the internal voids.
- Out of total 737.03 M.Cum of hard overburden, quantity of 233.36 M.cum (31.66%) will be dumped in external dump yard and remaining 503.67 M.Cum (68.34%) will be dumped in the internal dump yard.
- Both external as well as internal dumping is planned up to a maximum height of 90 m above GL.

Photo:(OB Management – Making garland drain to bring down run off in controlled manner)



b. Dump Management:

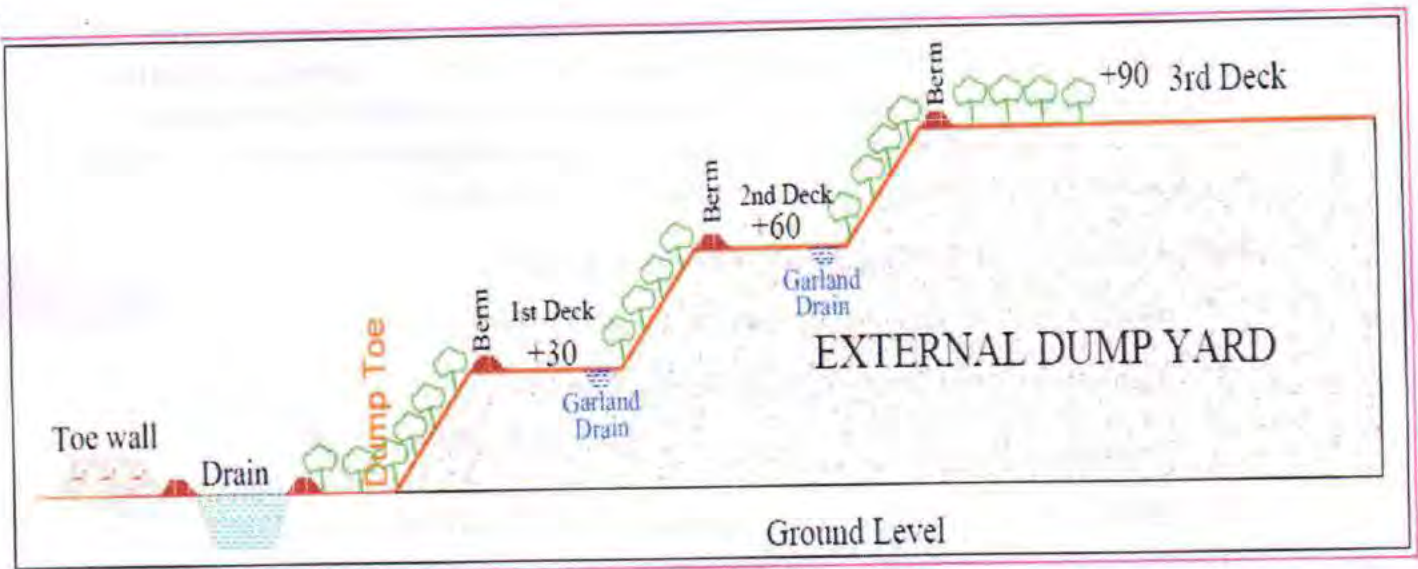
Design of dumps: The design of overburden dump should be safe and economic in its purpose. The primary aim of the construction of the overburden dump proper handling of the dugout soil. The good design of overburden dump prevents accidents and environmental friendly.

Factor of safety is also a key parameter in the dump height and in this regard the dump with three decks of height 30 m each is at slope angle 28° with good safety factor will be stable and most effective.

Srirampur OCP-II expansion project SCCL has been planned for drains on the berms of over burden dumps for safe disposal of Rain water.

To make appropriate grading/benching and dump stabilization, dozing, leveling& compacting of dump material is necessary, up these works.

410 HP dozer-1, Water Sprinklers, Motor Grader-1, Shovel and other auxiliary equipment will be utilized.



(Plan showing – Decks of OB & planting patterns)

Each deck will be formed in stages so that proper compaction of dump will take place. Further the dump deck will be designed with sloping inwards so that the water flows in to garland constructed there at to prevent to soil erosion.

c. Water management:

Rainfall over the mine area: The peak rain fall in a day was 231.9 mm in the project area on 12.12.2018. The rainfall received in mine area during the span of mine life period will be accumulated in the mine pit instead of joining the natural drainage as runoff. It is needed to be pumped out to the surface to protect the mine workings.

The anticipated impacts of the proposed project are discussed below.

Topography and Impact on runoff water:

The topographic elevation of the project area is about 160m above MSL sloping towards south. During the mining operations the topography and landscape and its immediate vicinity in the mine lease area likely will be affected and the area will become a depression in mine working zone.

During the life span of the project, the overburden external dumps will attain a maximum height of about 90m in the west and southwest of the lease area and the mine pit will reach to a maximum depth of about 350m. Due to the mining operations and OB dumps, the drainage network alters and the flow path gets re-adjusted, as such, there will be no reduction in the total quantity of the flow in this area.

The quarry area will be surrounded by garland drains with intermediate settling provision so that only clear water is discharged into the natural water bodies. The mine seepage water will be pumped out & discharged into settling tanks, where the coal fines will be settled and only clear water will be discharged into the water bodies.

After cessation of mining, due to increased permeability in the backfilled area, the infiltration of rain water increases and the water levels recoup in a short time. At the final stage of the mine, the void left in the dip-side area will be gradually filled with rain water and surface run off and become a good reservoir and acts as constant source of recharge to the groundwater regime and improves the water levels around the mine.

Design of drains and Settling Ponds for Peak Rain fall.

- ✓ Highest rain fall recorded on a day in the area (200 mm)
- ✓ Considering rainfall run of co-efficient as 0.20.
- ✓ Area of catchment:

In SRP OC the external dump was located at a distance of 250 m from the river and there are chances for soil erosion. Hence the total area of dump envisaged for external OB dump is 518 Ha. Out of which as on 31.08.2021, 365 Ha of land was utilised for dumping of OB. Out of 365 Ha, 228 Ha of OB dump was stabilized and vegetated. There will not be any soil erosion from this stabilized and vegetated dump and also sufficient drains and settling pond were provided to this area. As such 290 Ha of fresh OB dump area considered for soil erosion during the initial years till the vegetation sustains. The following measures will be taken to protect and sustain the soil Moisture and further to prevent the flow of debris into Godavari River.

i. Plan for construction of Toe Wall with pitching / Gabbion Wall:

Toe Wall / Gabion Wall: - A Toe Gabion wall to be constructed at the bottom of the dump to prevent slippage or spreading of the soil.

Construction of Gabbion structure for retaining earth with segments of wire crates of different size, each divided in to 1m compartments by cross netting, made from 3 mm galvanized steel wire, woven into mesh with double twist, mesh size not exceeding 100mm X 100 mm filled with local boulders with least dimensions of 200 mm, all loose ends to be tied with 4 mm galvanized steel wire. The dimensions of the proposed gabion wall around the dump toe as given below:

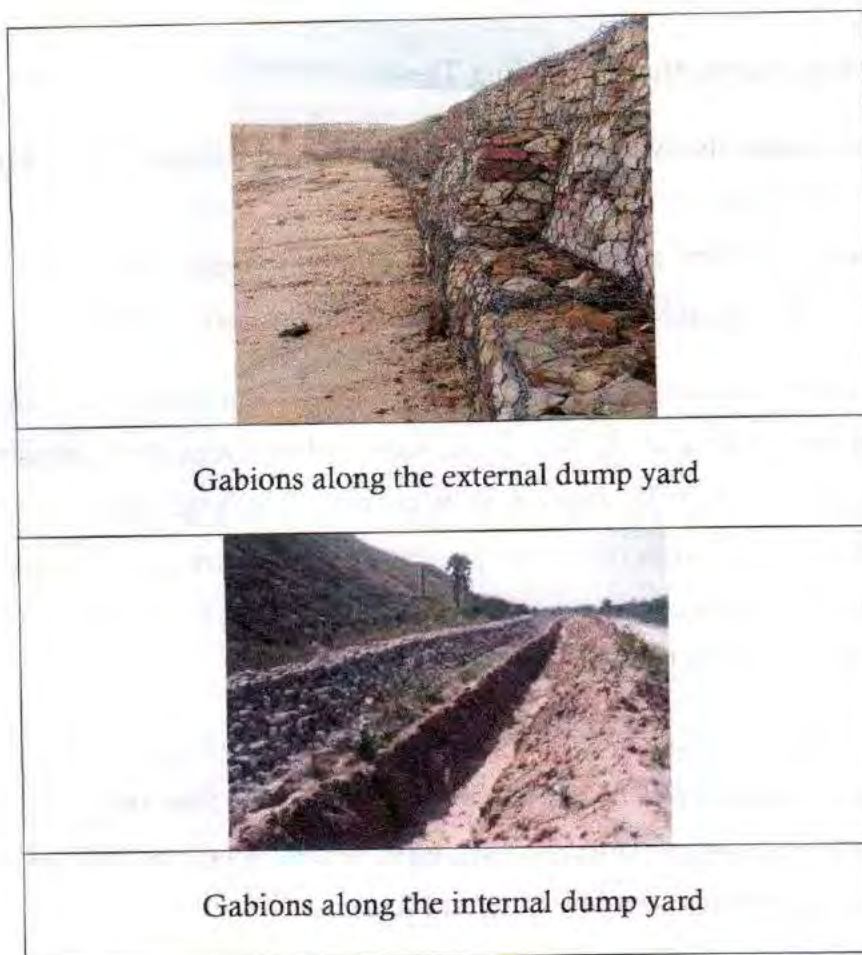
Base width- 2.5m

Top width- 1.5m

Height - 1.8m

Gabbion wall is constructed all along the toe of the external dump facing towards the Godavari River.

The cost estimated to take up the construction of 2.5 km length of Gabion wall all along the periphery of the extended dump facing towards Godavari river is Rs 41.40 Lakhs.



Toe wall, Water channels and Garland Drains

ii. **Plan for construction of Garland drain:**

Garland drains:- Garland drains are constructed around the dumps to arrest silt and sediment flows. The drains are connected to a settling tank and/or mine pits and accumulated water is being used for dust suppression and plantation. De-silting of garland drains is carried out at regular intervals. The length of the garland drain will be about 2500 m.

The garland drains will be prepared by the project resources. However, cost of Rs.11.75 Lakhs is estimated for carrying out the same by out sourcing agency and in this regard provision has been made in the FR of SRP OC-II Expansion Project.

iii. Plan for construction of Settling Tank:

It is a process that involves separation of solid material from slurry. This process is called sedimentation. A large quantum of materials is filtered out of the liquid by physical barriers. Even then, the water will contain some solids which need to be removed. A settling tank is proposed to be used to protect the surface water.

The water flows at greater velocity during rainy season and during the course of its flow will pick up soil material along with it and same will be carried into streams. Hence, to prevent the same, the deck drains will be channeled into the settling tanks which are constructed at strategic locations. In the present project 4 nos of settling tanks are proposed for construction, of which 2 nos are at south side & 2 nos at North side of the existing dumps nearby Godavari River.

In the settling tank, the soil material will be settled down at the bottom due to gravity and thus the water becomes free of dirt and then the water will flow out of the tank through check dams. These sedimentations are settled at the bottom of the tank will be cleaned at regular intervals of times i.e before onset of Monsoon.

The Settling Tanks will be prepared by the project resources. However, cost of Rs.0.44 Lakhs is estimated for carrying out the same by the out sourcing agency and in this regard a provision has been made in the FR of SRP OC-II Expansion Project.

iv. Plan for construction of Check Dam:

During monsoon there is heavy on-rush of water as a result, runoff arises from up slope/higher elevation to lower elevation. Hence, attention is to be paid to reduce the flow velocity of runoff & settle the silts/sediments flown from overburden dumps, haul roads inside the mine.

Four number check dams have been proposed to be constructed and the cost estimated for the same is Rs.7.60 Lakhs and provision has been made in the FR of SRP OC-II Expansion Project.

Check Dam



(Photo: Check Dam at GK OCP)

v. Earthen Bund:

It is proposed to construct earthen bund at a cost of Rs 97.50 Lakhs adjacent to OB dump on river side to the length of 2.5 Km to prevent entry of soil into river. The top, bottom width and height of earthen bund are 20 m, 32 m and 3 m respectively.

The envisaged water drainage system to let out water from the opencast project to River Godavari as follows:

- a. Rain water gets accumulated in the settling ponds through the drains provided at toe of dumps.
- b. The accumulated water from the settling tanks would be let out from the check dams.
- c. The water comes out from the check dams which is free of all sought of debris etc. will let in to Godavari River through drain vents constructed at the bund at 2 strategic locations.

The Earthen Bund will be constructed by the Project Recourses.

B- Biological Measures

Biological measures can add to structural measures to control soil erosion and help in developing bio- diversity in the area.

a. Soil conservation measures

To check soil erosion and the rain water draining out of the area, it has been proposed to take up special conservation measures by digging staggered trenches along the contour over the area @ 250 Nos. per hectare wherever possible. The size of the trenches will be 2 mtr x 0.5 mtr x 0.5mtr.

The cost estimated for soil conservation would be Rs.25 Lakhs.

b. Stabilize the overburden dumps by appropriate grading/benching and by Grass Seeding

- ✓ To adopt proper Management and scheduling of overburden materials so as to minimize external dumping.
- ✓ To provide methodologies and implement the proposed works in time bound manner to prevent slope failures there by providing stable OB dump slopes.
- ✓ To stabilize the over burden dumps by plantation.
- ✓ To prevent overflow of eroded soil from the fines, OB dump areas which lead to siltation in the streams.

The area between the mine boundary and river is mainly under cultivation and SCCL will provide sufficient number of fruit bearing & other plant species to the local people as and when demanded. Besides these, along the boundary of mine in the safety zone thick plantation (preferably Miawaki technique) will be taken up.

Plantation and Grass seed sowing:

Soil erosion is moderate in this locality. It needs protection from soil getting further eroded by drips and the natural binding of the soil due to the root system. Hence, it is proposed to undertake plantation & grass seeds sown broad-cast over an area of 195 ha on the surface of O.B. Dump.

For establishment and better growth of the planted seedlings, weeding, manuring and fire protection are necessary. It is prescribed to carry out weeding, and manuring during first year the planted area will be protected from fire during the life of the project by the time the growth will become self supporting.



Miyawaki Plantation taken up by the SCCL in SRP area.

The total land requirement of the SRP OC-II Expansion Project is 1604.11 Ha, out of which Afforestation will be done in phased manner in an area of 1057.84 Ha which includes plantation over the finished decks of dump yards, block plantation and avenue plantation etc. The cost of Plantation would be Rs 640.40 Lakhs for the proposed progressive plantation including Post Closure stage plantation.

Details of Stage wise plantation program is tabulated below:

| Year | Year wise Plantation (Ha) | Progressive plantation (Ha) |
|--------------------|------------------------------|--------------------------------|
| Up to 31-03-2016 | 135.36 | 135.36 |
| 2016-2017 | 126.32 | 261.68 |
| 2017-2018 | 99.77 | 361.45 |
| 2018-2019 | 57.97 | 419.42 |
| 2019-2020 | 91.31 | 510.73 |
| 2020-2021 | 5.24 | 515.97 |
| 2025-2026 | 250.44 | 766.41 |
| 2030-2031 | 114.43 | 880.84 |
| 2035-2036 | 55.53 | 936.37 |
| 2037-2038 | 108.49 | 1044.86 |
| Post Closure Stage | 12.98 | 1057.84 |

Planting of adequate drought hardy plant of local species and dibbling of seeds in the appropriate area within mining lease to arrest soil erosion will be taken up as and when mining progresses and area is available in external as well as on internal dump. These saplings will be raised into 10" x 16" size bags after converting from root trainers (300cc) and two years old plants only will be used.

Cost estimates pertaining to Nursery, plantation and distribution

| Description of Item | Unit | Quantity |
|---|------|----------|
| Seedlings to be planted per Ha @ 2x 2 m escapement | Nos | 2500 |
| Total No. of seedlings for entire 1057 Ha | Nos | 2642500 |

| Sl.No. | Description of Item | Unit | Quantity | Rate (Rs.) | Amount (Rs.) |
|-----------|--|-----------|----------------|------------|------------------|
| A. | Nursery Cost: | | | | |
| | Cost of seedlings (Both raising and maintenance of cost in Nursery) of 6"x12" bag size (> 1m height) | Per plant | 2642500 | 25 | 66062500 |
| | 10% casuality replacement | Per plant | 264250 | 25 | 66062500 |
| | Total -A | | 2906750 | | 72668750 |
| B. | Plantation Cost: | | | | |
| | Plantation cost including alignment, digging of pits, planting, protection and other cultural operations from time to time | Per Ha | 1057 | 41000 | 43337000 |
| | Total-B | | 1057 | | 43337000 |
| C. | Cost of distribution of seedlings among the Project affected villages: | | | | |
| | About 200000 Nos. of seedlings will be distributed among the people of project affected villages | Per plant | 200000 | 55 | 11000000 |
| | Total-C | | 200000 | | 11000000 |
| | Grand Total (A+B+C) | | | | 127005750 |
| | Unit cost per Ha | | | | 120156.81 |

C- General:

- ❖ Regular cleaning of drains being done for de-silting the same. Reclaimed / back filled area was properly graded and kept slightly sloping against mine workings so that water

does not flow into the mine workings. Engage 1 Cum Bucket hydraulic shovel for preparation & maintenance of garland drains and catch drains etc.

- ❖ De-silting of tanks to be done regularly.
- ❖ All stacking / loading areas are provided with proper garland drains equipped with baffles to prevent run offs from reaching the downstream natural drains.
- ❖ Regular inspection by supervisors.

11. **FINANCIAL PROJECTION:**

In order to comply the conditions that have been envisaged in the Stage I, the costs are estimated for various activities that are required to be taken up in next three years (2022-2025).

The total estimated cost for sustainment of soil conservation as is envisaged in the Soil Conservation Plan and plantation activities is as below:

| S.No | Discription | Quantity | Unit | Unit Price (Rs) | Cost (Rs) in Lakhs |
|------|----------------------|----------|------|-----------------|--------------------|
| 1 | Soil Erosion Trench | 25000 | m | 100 | 25.00 |
| 2 | Plantation | 1050 | Ha | 120156.81 | 1261.65 |
| 3 | Grass Seeding | 85 | Ha | 60000.00 | 51.00 |
| 4 | Gabion Boxes | 9000 | Cum | 460.00 | 41.40 |
| 5 | Garland Drains | 2500 | m | 470.00 | 11.75 |
| 6 | Settling Ponds/Tanks | 4 | 1 | 11000.00 | 0.44 |
| 7 | Check Dams | 4 | 1 | 190000.00 | 7.60 |
| | Total | | | | 1398.84 |

(Rupees Thirteen Crores Ninety Eight Lakhs Eighty Four Thousand only)

12. **SCCL EXPERIENCE:**

The Singareni Collieries Company is having its own Engineering wing which is having highly qualified engineers and experts who can take up Soil Moisture conservation works and formation of toe walls / Gabions, garland drains as and when formation of Overburden dumps proceed. Singareni Collieries Company itself could take up these works and monitoring can be done by the Forest Department.

Similarly, Singareni Collieries Company is having its own Forestry wing with experienced Officers in raising nurseries, plantations and maintaining them. In Singareni till now in about 10932 Ha plantations have been raised, both inside the RF as well as outside RF under mandated and non-mandated activities. These are to create green environment around mining areas. Local forestry species have been given preference in these plantations. Some of the plantations raised are mimicking to adjoining natural forest. As such Singareni Collieries will be taking up this activity immediately after getting the final approval.

Conclusion:

It may be concluded from the Study that:

- 1) Thick green belt about 70.45 ha area in between the dump and river at Non West side was already developed for which Rs.84.65 Lakhs amount was spent. In this area the survival rate of the plantation is about 90%. At South West side green belt has been envisaged in the plan to protect the river bank so that debris from the mine does not block the water flow in Godavari River.
- 2) Due to the construction of Sundilla dam across the river Godavari at sundill sufficient water for sustenance of the Flora and Fauna is available in the river.
- 3) The surface water analysis data collected from river Godavari shows that all results are within the limits and same will be continued at regular intervals time.
- 4) By taking up the protective measures proposed as in the report will effectively prevent the erosion of the soil and prevent carrying of debris from the SRP C Expansion Project into River Godavari.
- 5) It will enrich the biodiversity & greenery.

With this it is concluded that with proposed protective measures the mining operation of SRP OCP Expansion Project will not have any impact on river Godavari with respect to siltation and Flora and Fauna.

Competent Signatory
GM (Project & Planning)



Annexure- III

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking that the proposal of Compensatory Afforestation on double the degraded notified forest area under forest department on the condition that in addition to the proposed CA, non-forest area equivalent in size to the diverted forest area shall be made available and mutated in favour of State Forest Department out of the area available immediately after the closure and rehabilitation of mines of M/S SCCL from 2027-28 as stipulated in Condition No. A(iii) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. Srinivas
General Manager,
Srirampur Area.
General Manager
SRIRAMPUR



The Singareni Collieries Company Limited

(A Government Company)

Kothagudem Collieries-507 101,

Bhadradi Kothagudem Dist., Telangana

CIN : U10102TG1920SGC000571

Website: scclmines.com

Phone No: 08744-242873

Fax No.08744-242393

cosecy@scclmines.com

Ref No: CRP / CS / 54 / 549

Date:06.10.2021.

GM (Estates)

The extract of Minute No.558:5:18 of Board of Directors meeting held on 25.09.2021 at Hyderabad is furnished below:

Sub: Mutation of Non forest land from closed mines after completion of rehabilitation and mine closure activities towards Compensatory Afforestation to State Forest department.

5:18.1 The Board has taken up this note which was sent on 22.09.2021 i.e., with less than one week's time for consideration with the consent of all Board Members present in the meeting and permission of the C&MD.

5:18.2 Director (Finance) and (P&P) & (P,A&W) (FAC) informed that on the request of SCCL, the MoEF & CC, Govt granted Stage-I approval for the 162.45 Ha. of Forest Land (FL) for SRP OC-II Expn and for 783.275 Ha. of FL for Naini OCP with a condition that;

"Compensatory Afforestation on double the degraded notified forest area under forest department on the condition that in addition to the proposed CA, non-forest area equivalent in size to the diverted forest area shall be made available and mutated in favour of State Forest Department out of the area available immediately after the closure and rehabilitation of mines of M/s. SCCL from 2027-28 (or, earlier) onwards as submitted by M/s. SCCL vide their letter no.CMD/PS/H/129 dated 29.09.2020."

"A Board resolution in this regard shall be submitted by the User Agency to the State Forest Department, and the State Forest Department will accordingly ensure the compliance of this condition in a timely manner."

5:18.3 Director (Finance) and (P&P) & (P,A&W) (FAC) further informed that for obtaining Stage-II clearance for the SRP OCP Expn and Naini OCP, compliance with the said condition imposed in Stage-I is to be submitted to State Forest department at the earliest. For processing of ongoing forest diversions (SRP OC-II Expn. and Naini OCP) and for future forest land diversions, a Board resolution is required to be given to the State Forest Department assuring handing over of Non Forest Land which is reclaimed after closure of the mines as available from 2027-28 as land bank for CA purpose, he added.

5:18.4 CMD, SCCL stated that as per the provisions of FC Act, 1980 for diversion of forest land for non forest purposes for Central PSUs, the concerned Central PSU has to deposit CA

Contd..2.



The Singareni Collieries Company Limited
(A Government Company)
Kothagudem Collieries-507 101,
Bhadradi Kothagudem Dist., Telangana
CIN : U10102TG1920SGC000571 Website: scclmines.com

Phone No: 08744-242873
Fax No. 08744-242393
cosecy@scclmines.com

Ref No: CRP / CS / 54 / 519

Date: 06.10.2021.

-2-

charges in double the degraded forest land only whereas for other organizations non forest land equivalent to the extent of forest land proposed shall be provided towards CA along with the charges applicable for afforestation. CIL is having CPSU status for the purpose of CA for diversion of forest land whereas earlier SCCL has provided equivalent extent of non forest land for diversion of forest land which was incurring lot of time i.e. 5-6 years for each forest diversion. On constant persuasion, the MoEF & CC, Gol, vide F.No. 11-423/2011-FC dt.31.01.2013 has issued orders granting CPSU status to the Singareni Collieries Company Limited (a government company in Telangana State) on par with CIL for the purpose of CA after obtaining a certificate from the then Chief Secretary to the Government of A.P about non availability of the non-RF land for CA purpose. Due to extending of CPSU status to the SCCL, time taken for processing the proposal is reduced to 2 years against 6 to 8 years prior to sanction of CPSU status. Hence, SCCL could move towards a target of 65 MT from 50 MT, 1670.218 Ha of forest land was diverted in favor of SCCL and Rs.478.77 Crore has been paid for raising CA in double the degraded RF. However, during FAC meetings, diversion of forest land in favour of SCCL in Telangana for SRP OC Project during August 2020 and Naini Block in Odisha during September 2020 respectively extension of CPSU status to SCCL was raised by the FAC members. On the subject, vide Lr.No.CMD/PS/H/129 dt.29.09.2020 CMD, SCCL requested Secretary, MoC to recommend to the Secretary MOEF & CC, Gol, to consider and continue the CPSU status to the SCCL.

- 5:18.5 CMD, SCCL further stated that as the issue of provision of NFL towards CA is coming up for discussion in FAC meetings, SCCL explored the possibilities for providing NFL for CA purpose in closed Mines after completion of the mine closure activities. Vide Lr.No.CMD/PS/ H/147 dt.09.11.2020, CMD, SCCL informed the Secretary, MoEF & CC, Gol that SCCL will be able to handover NFL after rehabilitation towards CA purpose from 2027-28 and indicated the schedule for availability of Mined out areas that can be handed over towards CA purpose and requested to consider the proposal and also extending CPSU status to SCCL. Meanwhile, the Chief Secretary, Govt. of Telangana after confirmation with the District Collectors issued a certificate dt.03.06.2021 regarding non availability of Revenue Lands in the State of Telangana for handing over for CA purpose to the Forest department. The same has been submitted to MoEF & CC, Gol for kind consideration of degraded forest lands in double the extent instead of CA lands

Contd. 3.



The Singareni Collieries Company Limited

(A Government Company)

Kothagudem Collieries-507 101,

Bhadradi Kothagudem Dist., Telangana

CIN : U10102TG1920SGC000571

Website: scclmines.com

Phone No: 08744-242873

Fax No.08744-242393

cosecy@scclmines.com

Ref No: CRP / CS / 54 / 549

Date:06.10.2021.

-3-

for the upcoming projects as requested by SCCL vide letter Ref No. ADF/SCCL/HYD/ June-4 dt.14.06.2021 and Ref No. ADF/SCCL/HYD/June-17 dt.16.06.2021. After closure of mines, the reclaimed land should be used for afforestation purpose as per Mine Closure Plan and will be undertaken by SCCL. During deliberation with DG (Forestry), it was advised to give a schedule to MoEF regarding handing over of lands to the State Forest Department in a phased manner as soon as the NFL is available after closure of mines.

- 5:18.6 To a query of Sri Ajitesh Kumar, Dy.Secretary, MoC, Gol, CMD, SCCL has briefly explained the deliberations took place over the last one year with the Additional Secretary, MoC, Additional Secretary, MoEF, Chief Secretary, Govt., of Telangana. CMD, SCCL also informed that only after giving assurance of handing over of lands, the MoEF & CC, Gol has granted Stage-I approval for the 162.45 Ha. of Forest land for SRP OC-II Expn and for 783.275 Ha of FL for Naini OCP with a condition that Board resolution in this regard shall be submitted by the User Agency to the State Forest Department.
- 5:18.7 (i) Sri Ajitesh Kumar, Dy.Secretary, MoC, Gol opined that the land has been acquired under Land Acquisition Act, 1894 and no transfer of any part of land for sale, mortgage, gift, lease, etc. can be done without prior sanction of State Govt. Hence, before giving any such assurance for transfer/mutation of non forest land to State Forest Department, legal opinion and/or requisite approval should be taken from State Govt.
- (ii) Sri PSL Swami, Director, MoC, Gol opined that SCCL has acquired the land under Land Acquisition Act, 1894. Approval of the State Govt. is required for any transfer of land as per the Act. Hence, SCCL may seek the approval of State Govt. and shall comply with all the provisions of the Act and legal issues if any before proceeding further.
- (iii) CMD, SCCL clarified that the issue has been discussed in the overall interest of the Nation to increase the Coal Production, the assurance by the Board of SCCL is mandatory without which the Company cannot get clearance for the proposed projects. The Projects cannot be delayed as it is time bound. Therefore, the present proposal is very important to get the Projects approved as SCCL being a State PSU, it does not have the privileges that are there in Coal India. Hence, a

Contd..4.



The Singareni Collieries Company Limited

(A Government Company)

Kothagudem Collieries-507 101,

Bhadradi Kothagudem Dist., Telangana

CIN : U10102TG1920SGC000571

Website: scclmines.com

Phone No: 08744-242873

Fax No.08744-242393

cosecy@scclmines.com

Ref No: CRP / CS / 54 / 549

Date:06.10.2021.

-4-

Board resolution with the assurance of handing over of Non forest land equivalent to the Forest land area diverted shall be submitted to State Forest department for the areas available immediately after closure and rehabilitation of the Mines. The Compliance is to be submitted at the earliest to get Stage-II clearance for SRP OC-II and Naini Projects by October 2021. By December 2021 Naini project needs to be grounded as per the timelines given by MoC. This is required for all other projects also which are coming up in the next three years which involves forest land. However, the same will be informed to the State Government, as MoEF has given Stage-I clearance with a precondition of giving a Board resolution, the proposal has been put up to the Board, he added.

- 5:18.8 C&MD, SCCL informed that the present Board resolution is only an assurance for mutation of non-forest area equivalent in size to the diverted forest area in favour of State Forest Department out of the area available immediately after the closure and rehabilitation of mines of M/s. SCCL from 2027-28 (or, earlier) onwards. Before handing over of the said lands, all the requisite approvals will be taken from appropriate authorities, he added.
- 5:18.9 To a query of Sri Manoj Kumar, CMD, WCL, Director (Operations) clarified that the land will be handed over in a phased manner after completion of the post Mine Closure activities and after claiming the Mine Closure amount. The extent of Non forest land proposed to hand over is tentative, he added.
- 5:18.10 After deliberation, the Board accorded approval for issuing a Board resolution assuring Compensatory Afforestation on double the degraded notified forest area under forest department on the condition that in addition to the proposed CA, non-forest area equivalent in size to the diverted forest area shall be made available and mutated in favour of State Forest Department out of the area available immediately after the closure and rehabilitation of mines of M/s. SCCL from 2027-28 (or, earlier) onwards as detailed below;

| Sl.No | Year | Extent of Non forest land to be handed over post closure of Mines (Ha.) (Tentative) |
|-------|---------|---|
| 1 | 2027-28 | 3033.00 |
| 2 | 2032-33 | 1699.00 |
| 3 | 2037-38 | 4600.00 |
| 4 | 2042-43 | 4691.00 |

Contd..5.



The Singareni Collieries Company Limited

(A Government Company)

Kothagudem Collieries-507 101,

Bhadradi Kothagudem Dist., Telangana

CIN : U10102TG1920SGC000571

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Phone No: 08744-242873

Fax No.08744-242393

cosecy@scclmines.com

Ref No: CRP / CS / 54 / 549

Date:06.10.2021.

-5-

| Sl.No | Year | Extent of Non forest land to be handed over post closure of Mines (Ha.) (Tentative) |
|-------|---------|---|
| 5 | 2062-63 | 2225.00 |
| 6 | 2065-66 | 3623.00 |
| TOTAL | | 19871.00 |

A copy of the Extract of minute / Board resolution as prescribed will be submitted to the State Forest Department.

Action taken / status of implementation on each point of the above minute may be intimated to the undersigned at the earliest as per the guidelines issued by the C&MD vide circular No.CRP/CS/58/200 dt.22.3.2002 for apprising the same to the Board in the next meeting.

K. S. Chandra
Company Secretary

Copy to:

GM (F&A)

GM (PP)

*MAILED copy to
GM F&A, E. H. Naidu*

5/10/21

Annexure-IV

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land- in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL undertake that, SCCL will organise exposure visit at the project Cost, for a team of at least 10 forest officers to global best practice being implemented in coal mines of Australia / New Zealand, as and when names of the Forest Officers are finalised and furnished, as stipulated in Condition No.A (V) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. S. S.
General Manager,
Srirampur Area.

General Manager
SRIRAMPUR

STATE BANK OF INDIA, SRIRAMPUR

Date:

25.04.2022

Received from
By cheque / Transfer
For RTGS/NEFT

: The SCCo Ltd.

Remittance on

Bank:

KOTAK MAHINDRA
BANK,

Branch:

MANCHERIAL

Favouring:

CA PD ACCOUNT
OF FDO,
MANCHERIAL

A/c No.:

IFSC

| | | |
|---------------|------------|--------------|
| Account No. | 1010572 | for. mention |
| Branch | P. NAVEEN | |
| Amount | 5 APR 2022 | |
| Charges (Rs.) | | |
| Journal No. | | |
| Cheque No. | | |

000000112556358
SRP
R/PUR
BK0008367

61,19,567.00

47.20

61,19,614.20

UTR: IBINR5202204257
9931581

1644563/2022/FCA SECTION-PCCF



STATE BANK OF INDIA
SRIRAMPUR BRANCH (20910)
PH NO: 08736-234031. FAX NO: 08736-234751
Email sd-sbi.20910@sbi.co.in

DATE:25-04-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that based on request of our customer the Singareni Collieries Company Limited, bearing account no:52160836068 Srirampur Area, Mancherla Dist. Telangana State has remitted Rs. 61,19,567/- to Forest Divisional Officer, Mancherla Account No: 0112556358, Kotak Mahindra Bank, Mancherla Branch IFSC Code :KKBK0008367




Rs 61,19,567/- UTR NO. SBINR52022042579931581

B. V. R. V.

BRANCH MANAGER



SBINR52022042579939285

| AGENCY COPY | |
|--|--|
| <p>यूनियन बैंक ऑफ इंडिया  Union Bank of India</p> <p>एन सी ई सी आई एन सी ई सी आई</p> <p> </p> | |
| NEFT / RTGS CHALLAN for CAMPA Funds | |
| Date : 21-04-2022 | |
| Agency Name. | SINAGRENI COLLIERIES COMPANY LIMITED |
| Application No. | 5829918756 |
| MoEF/SG File No. | 8-06/2019-FC |
| Location. | Telangana |
| Address. | General Manager, SriRampur Area, SCCLAdilabad |
| Amount(In Rs) | 325682000/- |
| Amount in Words :Thirty-Two Crore Fifty-Six Lakh Eighty-Two Thousand Rupees Only | |
| NEFT/RTGS to be made as per following details; | |
| Beneficiary Name: | Telangana CAMPA |
| IFSC Code: | UBIN0903710 |
| Pay to Account No. | 155705829918756 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003 |
| <ul style="list-style-type: none"> This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only | |

After making successful payment, User Agencies may
Email: helpdeskampa@corpbank.co.in

Note:After making the required payment through challi
even after 7 working days, then kindly mail a copy of y
Email: cb0371@unionbankofindia.com



Print



STATE BANK OF INDIA
SRIRAMPUR BRANCH (20910)
PH NO: 08736-234031. FAX NO: 08736-234751
Email sd-sbi.20910@sbi.co.in

DATE:25-04-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that based on request of our customer the Singareni Collieries Company Limited, bearing account no:52160836068 Srirampur Area, Mancherla Dist. Telangana State has remitted through RTGS Rs. 32,56,82,000, to telangana state CAMPA account No:155705829918756, IFSC code:UBIN0903710 Union Bank Of India, Lodhi Complex Branch, Block 11, CGO Complex, Phase 1, Lodhi Road, New Delhi-110003.

Rs 32,56,82,000/- UTR NO: SBINR52022042579939285

Bhinary
BRANCH MANAGER



SBINR52022042579939285

AGENCY COPY

यूनियन बैंक Union Bank of India

NEFT / RTGS CHALLAN for CAMPA Funds

Date : 21-04-2022

| | |
|------------------|---|
| Agency Name. | SINAGRENI COLLIERIES COMPANY LIMITED |
| Application No. | 5829918756 |
| MoEF/SG File No. | 8-06/2019-FC |
| Location. | Telangana |
| Address. | General Manager, SriRampur Area, SCCLAdilabad |
| Amount(In Rs) | 325682000/- |

Amount In Words :Thirty-Two Crore Fifty-Six Lakh Eighty-Two Thousand Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|---|
| Beneficiary Name: | Telangana CAMPA |
| IFSC Code: | UBIN0903710 |
| Pay to Account No. | 155705829918756 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi -110003 |

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may
Email: helpdeskampa@corpbank.co.in

Note: After making the required payment through challan even after 7 working days, then kindly mail a copy of y
Email: cb0371@unionbankofindia.com



Print

**STATE BANK OF INDIA**

SRIRAMPUR BRANCH (20910)

PH NO: 08736-234031. FAX NO: 08736-234751

Email id-sbi.20910@sbi.co.in**DATE:25-04-2022****TO WHOMSOEVER IT MAY CONCERN**

This is to certify that based on request of our customer the Singareni Collieries Company Limited, bearing account no:52160836068 Srirampur Area, Mancherla Dist. Telangana State has remitted through RTGS Rs. 32,56,82,000, to telangana state CAMPA account No:155705829918756, IFSC code:UBIN0903710 Union Bank Of India, Lodhi Complex Branch, Block 11, CGO Complex, Phase 1, Lodhi Road, New Delhi-110003.

Rs 32,56,82,000/- UTR NO: SBINR52022042579939285*Birany***BRANCH MANAGER**

FORM II

**GOVERNMENT OF TELANGANA
OFFICE OF THE DISTRICT COLLECTOR: MANCHERIAL**

Rc.No.D4/1232/2017

Date: 08.08.2018.

TO WHOM SO EVER IT MAY CONCERN

In Compliance of Ministry of Environment and Forest(MoEF, Government of India's letter No.11-9/98-FC(Pt) dated 3rd August, 2009 wherein the MoEF issued guidelines on submission of evidence for having initiated and completed the process of Settlement of Rights under Scheduled Tribes and other Traditional Forest Dwellers(Recognition of Forest Right Act, 2006 (FRA,for short) on the forest land proposed to be diverted for non forest purpose i.e. **SRP OCP-II Expansion Project (Surface rights)**. It is certified that **162.45 ha.** of forest land proposed to be diverted in favour of Singareni Collieries Company Limited, Srirampur for SRP OCP expansion Project (Surface Rights) in Indaram FR Mancherial in Compartment No.705,707,709,710 & 711 in Mancherial division falls within the jurisdiction of Naspur, Singapur & Indaram villages of Mancherial District.

It is further certified that:

- a) The complete process for identification and settlement of rights under the FRA has been carried out for the entire 162.45 ha. of forest land proposed for diversion. A copy of records of all consultation and meetings of the Forest Rights Committee, Gram Sabha, Sub-Division Level Committee and the District Level committee are enclosed.
- b) The proposal for such diversion (with full details of the project and its implications, in vernacular / local language) have been placed before each concerned Gram Sabhas of forest-dwellers, who are eligible under the FRA.
- c) The concerned Gram Sabhas have certified that all formalities / processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion. A copy of certificates issued by the Gram Sabhas of Naspur, Singapur & Indaram villages are enclosed.
- d) The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50% of the members of Gram Sabhas present.
- e) The diversion of forest land for facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it.
- f) The rights of Primitive Tribal Groups and Pre-Agricultural Communities, where applicable have been specifically safeguarded per section 3(1) (e) of the FRA.

Encl: as above.


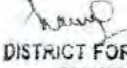
**R.V. Karnan I.A.S.,
Collector & Dist. Magistrate
Mancherial.**

**RESOLUTION OF THE DISTRICT LEVEL COMMITTEE FOR RoFR ACT, 2005
UNDER THE CHAIRMANSHIP OF DISTRICT COLLECTOR:: MANCHERIAL::
DATED. 07.2018.**

Rc.No.D4/1232/2017

Chairman Sri. R V Karnan, I.A.S.
District Collector, Mancherial

The following members are present,

| Sl.No | Members | Signature |
|-------|--------------------------------------|---|
| 1 | Project Officer, ITDA, Utnoor |  |
| 2 | District Forest Officer, Mancherial. |  |
| 3 | D.T.D.O.(TW), Mancherial | |

The Revenue Divisional Officer, Mancherial has submitted the proposals of diversion of forest land of 162.45 Ha. in Compartment No.705,707,709,710 &711 of Indaram Reserve Forest in Mancherial Range of Mancherial District as per MoEFs Lr No 11-9/98-FC (Pt) dt.5.7.2013 for "Srirampur Opencast -II Expansion Project in the existing Indaram Mining Lease (Surface rights) in Indaram RF Mancherial Range of Mancherial District in favour of General Manager, Singareni Collieries Company Limited, and requested Project Officer, ITDA, Utnoor for issuance of certificate in the prescribed format Annexure-II (Form-II) for the above project.

Accordingly, the concerned Grama Panchayaths have conveyed the meetings of Grama shaba under the chairmanship of Sarpanch, Singapur, Thallapalli and Indaram Gramapanchayaths and unanimously passed resolution stating that there is no objection for diversion of forest land of 162.45 Ha. in Compartment No.705,707,709,710 &711 of Indaram Reserve Forest in Mancherial Range of Mancherial District for "Srirampur Opencast-II Expansion Project (Opencast Mining)", in favour of Singareni Collieries company Limited, Srirampur Area as there is no encroachments by the Tribal People in the proposed forest land to be diverted further resolved that there are no pending RoFR Claims to be settled under the Forest Rights Act, 2005.

Basing on the resolution passed by the Grama Panchayaths in Grama Shabas and Sub-Divisional Level Committee, The member of Divisional Level Committee, Mancherial have no objection regarding the diversion of Forest land measuring an extent of 162.45 Ha. in Indaram RF, Mancherial Range of Mancherial District for "Srirampur Opencast -II, Expansion Project (Opencast Mining) and issue of certificate in Form-II


Chairman
District Level Committee & District Collector,
Mancherial.

P.O. No. E-352/2017

DATED: 12.06.2018.

CONF. ENCLOR
General Manager,
SCCL Srirampur Area.

CHAIRMAN:
Sri K. Srinivas.,
Revenue Divisional Officer,
MANCHERIAL.

The following members are present

| Sl. No. | Members | Signature |
|---------|---|-----------|
| 01 | Forest Divisional Officer MANCHERIAL | |
| 02 | Tahsildar, Naspur | |
| 03 | Tahsildar, Jaipur | |
| 04 | Assistant Tribal Welfare Officer, MANCHERIAL | |

The General Manager, Singareni Collieries Company Limited, Srirampur Area has requested the District Collector, Mancherial to issue certificate in Annexure-II (Form-II) for proposed diversion of 162.45 Ha. of Forest Land in Compartment No. 705,707,709,710 & 711 of Indaram Reserve Forest in MANCHERIAL Range in Mancherial District as per MoEF's letter No. 11-9/98-FC (pt), Dated 05-07-2013 in respect of proposals submitted as per diversion of 162.45 Ha. of forest land lying in the forest beats shown in below table in MANCHERIAL Forest Division for Srirampur Opencast-II Expansion Project in the existing Indaram Mining Lease (Surface Rights) in Indaram RF, MANCHERIAL Range of Mancherial District in favour of General Manager, Singareni Collieries Company Limited, Srirampur Area.

| Sl. No. | PANCHAYAT | BEAT | SECTION | RANGE |
|---------|-----------------|--------------------------------------|------------|------------|
| 01 | NASPUR & JAIPUR | SINGAPUR THALLAPALLI & INDARAM | MANCHERIAL | MANCHERIAL |

Accordingly, the Gram Panchayat have convened the meeting of Gram Sabha under the Chairmanship of Sarpanch, Singapur Thallapalli and Indaram Gram Panchayats and unanimously passed resolutions stating that there is no objection for diversion of proposed forest land in favour of General Manager, Singareni Collieries Company Limited, Srirampur Area, as there is no encroachments by the tribal people in the proposed forest land to be diverted, and further resolved that there are no pending RoFR claims to be settled under the Forest Rights Act.

Basing on the resolution passed by the Gram Panchayats in Grama Sabha, the members of Sub-Divisional Level Committee have no objection regarding the diversion of forest land measuring an extent of 162.45 Ha. in the above mentioned forest beat of MANCHERIAL Forest Division for Srirampur Opencast-II Expansion Project in the existing Indaram Mining Lease (Surface Rights) in Indaram RF, MANCHERIAL Range of Mancherial District in favour of General Manager, Singareni Collieries Company Limited, Srirampur Area and subsequent issue of certificate in Form-II

CHAIRMAN,
SUB-DIVISIONAL LEVEL COMMITTEE &
REVENUE DIVISIONAL OFFICER,
MANCHERIAL.

మహాపాపము, గ్రా. తాళ్ళపల్లె, మం. మంచుర్పాడు, జి. ఆదిలాబాద్. తీర్మానము

| సభ్యుల పేర్లు | హోదా | హోదారు / గైరు హోదారు | విషయ సంగ్రహము |
|----------------------------------|------------------|-------------------------|---------------|
| 2 | 3 | 4 | 5 |
| శ్రీ బత శంకర్ | సర్పంచ్ | | |
| శ్రీ మోత కనకయ్య | ఉప సర్పంచ్ | | |
| శ్రీ రుకుం తిరుమల్ | వార్డు సభ్యులు | | |
| శ్రీ ముదాం చంద్రయ్య | వార్డు సభ్యులు | | |
| శ్రీమతి బందారి సంధ్యారాణి | వార్డు సభ్యురాలు | | |
| శ్రీమతి ఇసంపెల్లి ప్రవీణ | వార్డు సభ్యురాలు | | |
| శ్రీమతి మాట చంద్రకళ | వార్డు సభ్యురాలు | | |
| శ్రీ వేముగంటి వీరస్వామి | వార్డు సభ్యులు | | |
| శ్రీమతి ఈడునూరి సువర్ణ | వార్డు సభ్యురాలు | | |
| శ్రీమతి తీగల కొమురమ్మ | వార్డు సభ్యురాలు | | |
| శ్రీ చోతర్ల ప్రేం కుమార్ | వార్డు సభ్యులు | | |
| శ్రీమతి కొల్లూరి తిరుపతమ్మ | వార్డు సభ్యురాలు | | |
| శ్రీమతి ధర్మల స్వరూప | వార్డు సభ్యురాలు | | |
| శ్రీమతి తంగెళ్ళపల్లి లక్ష్మీరాజం | వార్డు సభ్యురాలు | | |
| శ్రీ మంద రాజయ్య | వార్డు సభ్యులు | | |

Forest Range Officer
MANCHESTER

GRAMPANCHAYAT OFFICE, VILLAGE:THALLAPALLI, MANDAL: NASPUR DISTRICT: MANCHERIAL

RESOLUTION

| Sl. No. | Name of the members Sri/Smt. | Occupation | Present/Absent | Objects of matter | Resolutions of the discussions |
|---------|------------------------------|---------------|----------------|---|--|
| 1 | Itha Shankar | Sarpanch | Present | Resolutions taken according to the latter No.B/219/2018 issued by the Tahsildar, Naspur | Sri Itha Shankar, Sarpanch, presided over and convened a meeting at Grampanchayat office, Thallapalli on 14.4.2018 Saturday at 12.00 Noon and discussed and resolved the following issues in the presence of Grampanchayat members. Resolution No.5: with reference to the letter issued by Tahsildar, Naspur. Regarding Srirampur Opencast-II Expansion Project, Gramasabha has been conducted in the presence of the Tahsildar, Naspur at the office of Grampanchayat, Thallapalli. It is hereby resolved that there are no pattas issued to anybody from the Government in the Forest land seeking for diversion for Srirampur Opencast-II Expansion Project. Further all the members unanimously resolved that there is no objection for the diversion of Forest land to Srirampur Opencast-II Expansion Project. |
| 2 | Mothe Kanakaiah | Vice-Sarpanch | Present | | |
| 3 | Rukum Thirumal | Ward member | Present | | |
| 4 | Mudam Chandraiah | Ward member | Present | | |
| 5 | Bandari Sandhyarani | Ward member | Present | | |
| 6 | Isampalli Praveena | Ward member | Present | | |
| 7 | Moota Chandrakala | Ward member | Present | | |
| 8 | Vemuganti Veeraswamy | Ward member | Present | | |
| 9 | Eduri Suvarna | Ward member | Present | | |
| 10 | Theegala Komuramma | Ward member | Present | | |
| 11 | Potharla Premkumar | Ward member | Present | | |
| 12 | Kolluri Thirupathamma | Ward member | Present | | |
| 13 | Dharmula Swarupa | Ward member | Present | | |
| 14 | Tangallapalli Laxmirajam | Ward member | Present | | |
| 15 | Manda Rajaiah | Ward member | Present | | |

Sd/-
Panchayat Secretary
Thallapalli

Sd/-
Forest Range Officer
MANCHERIAL

Sd/-
SARPANCH
Grampanchayath
Thallapalli

//True copy//

Attested

Tahsildar
NASPUR MANDAL
Dist. Mancherial (T.S.)



14. 24 28

[illegible]

1644563/2022/FCA SECTION-PCCF

GRAMPANCHAYAT OFFICE, VILLAGE:SINGAPUR

MANDAL: NASPUR

DISTRICT: MANCHERIAL

RESOLUTION

| Sl. No. | Name of the members Sri/Smt. | Occupation | Present/Absent | Objects of matter | Resolutions of the discussions |
|---------|------------------------------|---------------|----------------|-------------------|--|
| 1 | Mallethula Rajendrapani | Sarpanch | Present | | <p>With reference to the letter No.B/219/2018 issued by the Tahsildar, Naspur regarding SRP.OC-II, Expansion Project, Gramasabha has been conducted and presided over by the Tahsildar, Naspur. It is unanimously resolved by all the members present in the Gramsabha that there are no RoFR patta rights issued to any individual under RoFR Act in the proposed 162.45 Forest land diversion for Srirampur Opencast-II Expansion Project.</p> |
| 2 | Medaboina Chander | Vice-Sarpanch | Present | | |
| 3 | Perumalla Bhagyalaxmi | Ward member | Present | | |
| 4 | Rangu Anasuya | Ward member | Present | | |
| 5 | Nagilla Sujatha | Ward member | Present | | |
| 6 | Bavandlapalli Srinivas | Ward member | Absent | | |
| 7 | Senigarapu Vajramma | Ward member | Present | | |
| 8 | Bandi Rajitha | Ward member | Present | | |
| 9 | Kandrapu Mallikharjun | Ward member | Present | | |
| 10 | Pamula Laxmi | Ward member | Present | | |
| 11 | Ponnam Srinivas | Ward member | Present | | |
| 12 | Koutla Rajababu | Ward member | Present | | |
| 13 | Gariganti Sarala | Ward member | Present | | |
| 14 | Banoth Kamalamma | Ward member | Present | | |
| 15 | Kyatham Sathish | Ward member | Present | | |
| 16 | Bojja Narsaiah | Ward member | Present | | |
| 17 | Chennuri Srinivas | Ward member | Present | | |
| 18 | Bhukya Shantha | Ward member | Present | | |
| 19 | Gaddam Lavanya | Ward member | Present | | |
| 20 | Banala Ramana Chary | Ward member | Present | | |
| 21 | Rasamalla Satyanarayana | Ward member | Present | | |

Sd/-
Panchayat Secretary
Singapur

Sd/-
Forest Range Officer
MANCHERIAL

Sd/-
SARPANCH
Grampanchayath
Singapur

//True copy//

Atteste

Tahsildar Naspur
NASPUR MANDAL
Dist.Mancherial (T.S.)



MANCHAYATH SECRETARY Forest Range Officer SANKUNCH
M.P.P. JAIPUR

Handwritten text in Malayalam script, likely a letter or report, starting with 'ശ്രീമാൻ...' (Honorable...).

Handwritten text in Malayalam script, continuing the letter or report.

Handwritten text in Malayalam script, possibly a signature or date.

| ക്രമ നമ്പർ | വിവരങ്ങൾ | തീയതി | സ്ഥലം |
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1644563/2022/FCA SECTION-PCCF

GRAMPANCHAYAT OFFICE, VILLAGE:INDARAM, MANDAL: JAIPUR DISTRICT: MANCHERIAL

RESOLUTION

| Sl. No. | Name of the members Sri/Smt. | Occupation | Present/Absent | Objects of matter | Resolutions of the discussions |
|---------|---------------------------------|---------------|----------------|---|--|
| 1 | Jakkula Venkatesham | Sarpanch | Present | Land allotment rights (RoFR) at Indaram Grampanchayat as per Forest Rights Act.- 2006 | On 22.5.2018 special Gramasabha has been conducted in the presence of the Tahsildar, Jaipur, Sarpanch, Singareni Collieries Company authorities and villagers. It is unanimously resolved that nobody/ST from Indaram village has applied for land allotment and no land pattas are issued by way of Forest Rights Act 2006 in Forest land, Indaram. |
| 2 | Merugu Sahithi | Vice-Sarpanch | Present | | |
| 3 | Mohd. Jainoddin | Ward member | Present | | |
| 4 | Arigela Bhagyalaxmi | Ward member | Present | | |
| 5 | Alladi Ramakrishna | Ward member | Present | | |
| 6 | Regunta Srinivas | Ward member | Absent | | |
| 7 | Yathiraju Subhadra | Ward member | Absent | | |
| 8 | Meenugu Rajitha | Ward member | Present | | |
| 9 | Apsha Tabussam | Ward member | Present | | |
| 10 | Puli Rajaram | Ward member | Absent | | |
| 11 | Baddela Rajender | Ward member | Absent | | |
| 12 | Thangalapalli Laxmi | Ward member | Present | | |
| 13 | Moota Padma | Ward member | Present | | |
| 14 | Regunta Gattaiah | Ward member | Absent | | |
| 15 | Mohd. Rafeeq | Ward member | Present | | |

Sd/-
Panchayat Secretary
Indaram

Sd/-
Forest Range Officer
MANCHERIAL

Sd/-
SARPACH
Grampanchayath
Indaram

//True copy//

Attested

Tahsildar, Jaipur

Tahsildar
Jaipur Mandal, Dist. Mancherial



GOVERNMENT OF TELANGANA.
TAHSILDAR OFFICE, NASPUR MANDAL

Rc. No. B/ ²¹⁹ /2018

Office of the Tahsildar,
 Naspur, Dt: 16-08-2018.

CERTIFICATE

This is to certify that, the General Manager, Singareni Collieries Company Limited, Srirampur Area has filed requisition under Forest (Conservation) Act, 1980 for diversion of 162.45 Ha. Forest Land in Compartment Nos.705,707,709,710 & 711 in Indaram RF, Mancherla Range of Mancherla District for SRP-OC-II Expansion Project, and requested to inform whether any RoFR patta rights issued earlier in the Reserve Forest.

In this regard, it is to inform that, as per the instructions given by the District Collector, Mancherla vide letter dtd.16.08.2017, Grama Sabha has been conducted in Singapur village in the Office of Grampanchayat in Singapur on 14-08-2018 and in Thallapalli village in the office of Grampanchayat in Thallapalli on 14-08-2018. On enquiry during the Grama Sabha it was conformed that, no such RoFR patta rights are issued to any individuals under RoFR Act, 2006 in the Reserve Forest limits covered by the Forest land in Singapur village and Thallapalli villages of the proposed diversion of 162.45 Ha. Forest Land.

Presently the proposed diversion of 162.45 Ha. Forest Land is under the control of Forest Department.

TAHSILDAR,
MANCHERLA
MANCHERLA Dist.
 Dist.Mancherla(T.S.)

}

GOVERNMENT OF TELANGANA,
TAHSILDAR OFFICE, JAIPUR MANDAL.

Rc. No. B/11-2018

Office of the Tahsildar,
Jaipur, Dt: 05.2018.

CERTIFICATE

This is to certify that, the General Manager, Singareni Collieries Company Limited, Srirampur Area has filed requisition under Forest (Conservation) Act, 1980 for diversion of 162.45 Ha. Forest Land in Compartment Nos.705,707,709,710 & 711 in Indaram RF, Mancherial Range of Mancherial District for SRP,OC-II Expansion Project, and requested to inform whether any RoFR patta rights issued earlier in the Reserve Forest.

In this regard, it is to inform that, as per the instructions given by the District Collector, Mancherial vide letter dtd.16.08.2017. On verification of office records it is revealed and confirmed that, no such RoFR patta rights are issued to any individuals under RoFR Act, 2006 in the Reserve Forest. No patta rights are issued by the Forest land in Indaram village and Ramaraopet villages of the proposed diversion of 162.45 Ha. Forest Land.

Presently, the proposed diversion of 162.45 Ha. Forest Land is under the control of Forest Department.

TAHSILDAR,
JAIPUR (M),
MANCHERIAL Dist.

Annexure-X

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking to comply with the provisions of all the Acts, rules, regulations & guidelines issued from time to time as stipulated in Condition No.A (Xii) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



Sally
General Manager,
Srirampur Area
General Manager
SRIRAMPUR



Annexure-XI

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby agree that the legal status of the Forest land remain unchanged as stipulated in Condition No.B(i) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.


General Manager,
Srirampur Area.



General Manager
SRIRAMPUR

Annexure- XII**THE SINGARENI COLLIERIES COMPANY LIMITED**

(A Government Company)

SRIRAMPUR AREA**UNDERTAKING**


Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby agreed for Co-terminus with mining lease as per the instructions of the State Government as stipulated in Condition No.B(ii) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. S. S.
General Manager,
Srirampur Area.
General Manager
SRIRAMPUR

AGENCY COPY

यूनियन बैंक  **Union Bank of India**

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NEFT / RTGS CHALLAN for CAMPA Funds

Date : 21-04-2022

| | |
|------------------|---|
| Agency Name. | SINAGRENI COLLIERIES COMPANY LIMITED |
| Application No. | 5829918756 |
| MoEF/SG File No. | 8-06/2019-FC |
| Location. | Telangana |
| Address. | General Manager, SriRampur Area, SCCLAdilabad |
| Amount(In Rs) | 325682000/- |

Amount In Words :Thirty-Two Crore Fifty-Six Lakh Eighty-Two Thousand Rupees Only

NEFT/RTGS to be made as per following details;

| | |
|----------------------|--|
| Beneficiary Name: | Telangana CAMPA |
| IFSC Code: | UBIN0903710 |
| Pay to Account No. | 155705829918756 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India Lodhi Complex Branch, Block 11,CGO Complex, Phase I, Lodhi Road, New Delhi -110003 |

• This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only

After making successful payment, User Agencies may
Email: helpdeskampa@corpbank.co.in

Note:After making the required payment through challi
even after 7 working days, then kindly mail a copy of y
Email: cb0371@unionbankofindia.com



Print

SBINR52022042579939285

Annexure-XVI

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking for Additional amount of the NPV of the diverted forest land, if any, becoming due after finalization of the same by the Hon'ble Supreme Court of India on receipt of the report from the Expert Committee, shall be charged by the State Government as stipulated in Condition No.B (vi) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. Srinivas
General Manager,
Srirampur Area
General Manager
SRIRAMPUR

Annexure-XVII**THE SINGARENI COLLIERIES COMPANY LIMITED**

(A Government Company)

SRIRAMPUR AREA**UNDERTAKING**

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking Fencing, protection and regeneration of the safety zone area [7.5 meters strip shall be kept within the mining lease boundary) will be done at the project cost within 3 years from the date of issue of stage-II as stipulated in Condition No.B (viii) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. R. V. S.
General Manager,
Srirampur Area

General Manager
SRIRAMPUR



THE SINGARENI COLLIERIES COMPANY LIMITED

(A Government Company)

Registered Office

Estates Dept., - Srirampur Area

Ref.No.SRP/EST/F/09/2021/477

Date: 02.11.2021.

To
The Forest Divisional Officer,
Mancherial.

Sir,

Sub: F(C) Act,1980- Diversion of 162.457 Ha. of Forest land in Indaram RF, Mancherial Forest Division for grant of forest diversion permission for Srirampur Open Cast-II (SRP.OCP-II) Expansion Project in favour of M/s. Singareni Collieries Company Limited (SCCL), Stage-I approval accorded, **Request for Demand Notice** . Reg.

Ref: 1.MoEF & CC New Delhi F.No.8-06/2019-FC, Dt.12.03.2021.
2..PCCF Rc.No.9917/2017/FCA-1/PS Dt.18.03.2021.
3. FDO, Mancherial Rc.No.5444/2017-F7(B), Dt.23.08.2021.
-oOo-

Kind attention is invited to the reference 1st cited wherein MOEF &CC, GOI, has accorded Stage-I approval for diversion of 162.457 ha of Forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for Srirampur Open Cast-II Expansion Project in favour of M/s SCCL, Srirampur Area.

2- The Principal Chief Conservator of Forests & Head of Forest Force, vide reference 2nd cited advised to submit compliance report.

3- Kindly refer your letter as in reference 3rd cited wherein certain information were sought. Accordingly, point wise reply is being submitted herewith for your kind perusal and consideration:

1. As per the condition No. A(ii), the User Agency shall get a details plan(comprising of vegetative and SMC protection barriers, and duly approved by the competent authority in the Forest Department prepared by an expert Agency and implement it to protect the riverbank so that debris, etc., from mine doesn't block or reduce water flow in the river and cause adverse impact on the flora and fauna in the downstream forested area:

To comply with the above condition, a detailed scheme detailing the vegetative and SMC protection measures to be implemented for SRP OC -II expansion Project, a plan has been prepared by the competent authority of SCCL which is enclosed herewith as Annexure. This Plan was prepared in detail keeping the mining procedures and technology being used in mine, suggesting various mechanical structures added with vegetation and soil moisture conservation protection measures to protect the river bank, so that debris etc. from mine

doesn't block or reduce water flow in to the river. These measures will not allow silt to flow to the river.

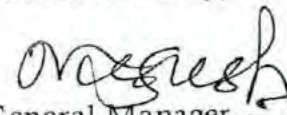
The financial cost estimated for these works is about Rs. 1398.84 Lakhs. The scheme will be implemented by the SCCL in three years period commencing from 2022-23 to 2024-25.

2. *Fencing, Protection and re-generation of Safety zone area(7.5 mtrs strip shall be kept within the mining lease boundary and area of the Safety zone shall be part of total area of mining lease) shall be done at the project cost within (3) years and maintained thereafter as per approved working plan of the State Govt:*

The Safety zone area (7.5 mtrs strip) is kept within the mining lease boundary and this zone is part of total mining lease area (plan enclosed herewith). Fencing, Protection and re-generation of Safety zone area will be taken up at the project cost within 3 years by the SCCL itself and will be maintained thereafter till life of the project.

It is requested to kindly issue the demand notice for various stipulation viz CA Cost, NPV etc so that we can get this amount deposited into the account of CAMPA.

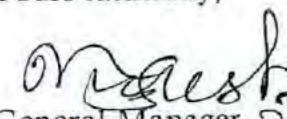
Yours faithfully,


General Manager, 27/11/2021
Srirampur Area.

Encl: As above.

CC: The Principal Chief Conservator of Forests &
Head of Forest Force, Hyderabad - for favour of information.
The Chief Conservator of Forests, Nirmal - for favour of information.
The District Forest Officer, Mancherla - for favour of information..

Yours faithfully,


General Manager, 27/11/2021
Srirampur Area.

Annexure-XVII*Scheme For*

**AFFORESTRATION SCHEME FOR SAFETY ZONE AREA(7.5mt. strip) OF 2.9Ha.
FOREST LAND FOR SRIRAMPUR OPEN CAST –II EXPANSION PROJECT**

In compliance
with
Condition No. B (viii) of
Stage-I Forest Clearance Granted
File No.8-06/2019FC, Dated.12.03.2021
of Govt. of India, Ministry of Environment, Forest & CC, New Delhi.
for
Diversion of 162.45 Ha of Forest Land
In Indaram RF for Grant of Mining Lease for Srirampur Opencast-II Expansion Project
of
M/S Singareni Collieries Company Ltd (SCCL)
In
Mancherial Forest Division, Mancherial District
Telangana.

**Afforestation scheme for safety zone area (7.5 mt strip) of 2.9 Ha
with in the mine lease boundary for 162.45Ha. forest land for
SRPOC-II Expansion Project**

Introduction

The GOI, MoEF&CC, New Delhi has accorded stage –I approval vide F.No. 8-06/2019-FC, Dated: 12.03.2021 for diversion of 162.45 Ha. of forest land in Indaram (RF) Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II(SRP OCP-II) Expansion project

As per condition No. B(viii) the user agency shall do fencing , protection and regeneration of the safety zone area (7.5 mt strip) within the mine lease boundary .

The extent of the area of 7.5 mt around the 162.45 ha is coming to 2.9 ha .

Accordingly the scheme is prepared based on Forest schedule of rates of Govt of Telangana 2021-22 for raising and maintenance for 10 years .

It is proposed to do the plantation under Assisted natural regeneration method .

In this method of plantation without disturbing the natural vegetation , pitting will be done manually in the gaps and seedlings will be planted at 2mtX 2mt espacement . It is proposed to plant 2000 no of seedlings per Ha .

Due care will be taken in selection of the plant species with respect to their relevance in improvement of bio diversity.

Out of the total number of seedlings , 1% of seedlings will be Bombax ceiba to attract Honey bees , 2% Inga dulce for attracting avian fauna and 15 to 20 % different

Ficus species like *F. benghalensis*, *Ficus religiosa* and *Ficus mollis* will be planted which attracts many birds due to their relishing fruits. About 15 to 20 % of the plants will be *Dendrocalamus strictus* as *Dendrocalamus* is local species coming up very well in this area. Well grown Bamboo acts as hide out for many wild animals including Tiger.

To ensure minimum of 75% survival at the end of the maintenance of plantation, causality replacements are proposed to be taken up during, raising year, 1st year, 2nd year, 4th, 5th, 7th and 9th year of maintenance of plantation.

Similarly Mahaveera and other weed clearance operation will be done during raising year, 1st year, 3rd year, 4th year, 5th year, 7th year and 9th year of maintenance of plantation.

The periphery of the mine lease is 3866 mt with 7.5 mt strip. In this area four rows of plants will be planted at 2 mt espacement leaving 0.75 mt on both sides of the strip. With this espacement in 2.9 ha area about 7732 plants will be planted and accordingly the estimated amount for planting and further maintenance of 10 years. As the width of the plantation area is very small, watch and ward is not advisable and already CCPT of 2mx2m is proposed on the outer side of the periphery hence biotic interference will not be there. The estimated amount based on FSR 2021-22 for raising and maintenance for 10 years for 2.9 Ha without watch and ward is working out to Rs 14.05 lakhs (Detailed estimates enclosed).

Raising of seedlings in the nursery :

In Singareni collieries, the seedlings required for its afforestation activities are being raised in the company nurseries itself duly following all the nursery techniques as per the Forest schedule of rates of Telangana state Forest department .

All the 11 areas of SCCL have nurseries of their own nurseries and Srirampur area does have one at Srirampur . The nursery is having 8.0 Ha of area and can accommodate 10 lakhs of seedlings. The seedlings required for Srirampur area afforestation activities are being met from this nursery. Similarly the seedlings required for planting in the present proposed degraded forest land will be raised in this nursery.

The species generally raised in SCCL nurseries and for the present planting programme are:

- 1) *Dendrocalamus strictus*
- 2) *Ficus benghalensis*,
- 3) *Ficus religiosa*,
- 4) *Ficus mollis* ,
- 5) *Hardwickia binata* ,
- 6) *Madhuca indica* ,
- 7) *Inga dulce*,
- 8) *Azadirachta indica*,
- 9) *Terminalia bellarica*,
- 10) *Bombax ceiba* ,
- 11) *Aegle marmelos*,
- 12) *Feronia limonia*,
- 13) *Emblica officinalis* ,
- 14) *Mitragyna parvifolia* ,

15) *Sterculia urens* ,

16) *Albezia odoratissima* etc

All the species are local to the area . The selection of the species is such that they produce the flowers/ pods/ seeds which are liked by birds, have root system to anchor the soil there by arresting the soil erosion , have closed ground canopy (Bamboo) so that the animals can hide in the vegetation.

Normally the seedlings are raised in 210 CC /350 CC RTs and 5"x9" bags and later converted into 6"x12" size bags or 8"x14" size bags as per requirement. Normally 2 years old seedlings will be used for planting



Past performance of improving degraded forest lands:

SCCL has been raising plantations in degraded forest land since 2011 in all the areas of its operation. The plantations have been raised duly following all forest operations as per the plan approved by the govt forest department. The plantations are raised successfully and changed the landscape of the otherwise degraded forest lands. Many Forest officials including PCCF of the Telangana state have visited the plantations and very much satisfied with the results and appreciated SCCL.



S. Chaitanya
General Manager
SRIRAMPUR

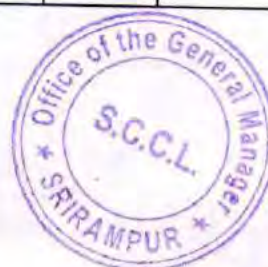
Estimate for raising of plantation under aided natural regeneration with gap planting in 2.9 Ha
Unit cost for Raising and maintenance of NTSH plantation per Ha

| Advance operations | | | | | | | |
|--------------------|---|-----------|-----------|---------------|--------------------------|-----------|------------------------|
| FSR Item | Item of the work | Units per | Quantity | FSR Rate (Rs) | Rate incl allowance (Rs) | Amount | Amount (Rs) for 2.9 Ha |
| 02.01.02 | Clearing unsalable unwanted jungle growth Spreading the cut material all over the site; and Burning the same twice till completely burnt. | | | | | | |
| | (b) Very Light Jungle Growth (>10% and upto 20% ground area covered with Jungle growth) | Ha | 1 | 3284.95 | 3284.95 | 3284.95 | 9526.355 |
| 02.01.03 | Formation of Sector Lines / Fire Lines to a width of 3 m by giving surface treatment (sector to be in conformity with slope direction). All stumps to be cut to ground level. This operation is applicable for plantations other than Semi- Mechanical Plantation. | Rmt | 1000 | 6.45 | 7.74 | 7740 | 7740 |
| | Digging of CCPT of dimensions 2mx2mx2m along the boundary 40 rmt for one ha (market rate) 3866 rmt periphery | Cum | 15464 cum | 40 | 5332 | 213280 | 618560 |
| | Unit rate for 2022-23 | | | | | 224304.95 | 635826.355 |
| | Unit rate for 2023-24 | | | | | 24131.85 | 699408.9905 |
| | Unit rate for 2024-25 | | | | | 26545.03 | 769349.8896 |
| | Unit rate for 2025-26 | | | | | 29199.53 | 846284.8785 |
| | Unit rate for 2026-27 | | | | | 32119.48 | 930913.3664 |

Raising year

Per ha 2000 nos (1500 6"x12" bag size plants , 500 nos 8"x12" bag size plants)

| FSR Item | Item of the work | Units per | Quantity | FSR Rate (Rs) | Rate incl allowance (Rs) | Amount | Amount (Rs) for 2.9 Ha |
|----------|--|----------------|----------|---------------|--------------------------|----------|------------------------|
| 02.01.07 | Digging of 45 cm cube pits | Each | 2000 | 21.5 | 25.8 | 51600 | 149640 |
| 02.01.09 | Digging of SCTs in Hard soils like gravel and morum (50 no of trenches, 25.3 cum per ha) | Cum | 25.3 | 275.85 | 331.02 | 8374.806 | 24287 |
| 02.02.01 | (a) Transportation of Planting Stock (including loading and unloading) up to a distance of 5 km | | | | | | |
| | (c) 15 X 30 cm (6"x12") bag plants | 100 nos | 1500 | 126.7 | 126.7 | 1900.5 | 5511.45 |
| | (e) 20 X 30 cm (8"x12") bag plants | 100 nos | 500 | 227.07 | 272.48 | 1362.4 | 3950.96 |
| 02.02.02 | (b) Transportation of Planting Stock (including loading and unloading) more than 5 km distance for additional 10 km distance | | | | | | |
| | (c) 15 X 30 cm (6"x12") bag plants | 100 nos / km | 0 | 4.24 | 4.24 | | 0 |
| | (e) 20 X 30 cm (8"x12") bag plants | 100 nos / km | 0 | 8.42 | 8.42 | | 0 |
| 02.02.04 | Internal transportation to planting points on head loads | | | | | | |
| | (c) 15 X 30 cm (6"x12") bag plants | 100 nos | 1500 | 96.41 | 115.692 | 1735.38 | 5032.602 |
| | (e) 20 X 30 cm (8"x12") bag plants | 100 nos | 500 | 149.11 | 178.932 | 894.66 | 2594.514 |
| | | | | | | | 0 |
| 02.02.05 | (a) Application of 50 gm of SSP per pit (1 day before planting) for root growth and early establishment of plant after planting. ii) Similarly, the bag plants to be planted will be dipped inside Chloropyriphos solution (5ml Chloropyriphos in 1 lit water) either at nursery site before transport or at plantation site before planting | 100 nos | 2000 | 41.23 | 49.47 | 989.4 | 2869.26 |
| | (b) Cost of SSP, Chloridine dust or Chloropyriphos | As per Actuals | | | | 1000 | 2900 |



S. S. S.
General Manager
SRIRAMPUR

| | | | | | | | |
|----------|--|---|------|---------|---------|-------------|-------------|
| 02.02.07 | Planting in various size pits | | | | | | |
| | b) Planting in 45 cm ³ Pit | 100 nos | 2000 | 459.36 | 551.23 | 11024.6 | 31971.34 |
| 02.02.10 | Replacement of Casualties: 20% during Raising Year. The casualty replacement should be done in 3 stages at an interval of 15 days immediately after planting during raising year with 8"x12" bag plants | 50% of unit rate of original pitting during raising year and 100% during maint year. Planting, transportation and internal transportation same as adopted | | | | | |
| | Transportation up to 5km | 100 | 400 | 229.68 | 275.61 | 1102.44 | 3197.076 |
| | Additional transportation up to 10km | 100/km | 0 | 8.42 | 8.42 | 0 | 0 |
| | Internal transportation | 100 | 400 | 149.11 | 178.93 | 715.72 | 2075.588 |
| | Digging of pits of 45 cubic cm | Each | 400 | 11.19 | 13.42 | 5368 | 15567.2 |
| | Planting of bag plants | 100 | 400 | 459.36 | 551.23 | 2204.92 | 6394.268 |
| 02.02.11 | Cost of DAP @ 25 gm / planting point | | | | | 1000 | 2900 |
| 02.02.12 | Application of fertilizer in August (30 days after planting) by making 3 holes of 10 cm depth with crow bar holes at a distance of 10 cm away from plant and putting fertilizers and closing. Ensure that the soil is really wet at the time of DAP application. | 100 | 2000 | 41.23 | 49.47 | 989.4 | 2869.26 |
| 02.02.13 | Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June. | 100 Nos | 2000 | 131.2 | 157.44 | 3148.8 | 9131.52 |
| 02.02.14 | Circular weeding to a radius of 0.50 m around the plant (i.e., Aug - Sept) | 100 Nos | 2000 | 131.2 | 157.44 | 3148.8 | 9131.52 |
| 02.02.15 | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | 100 Nos | 2000 | 689.06 | 826.87 | 16537.4 | 47958.46 |
| 02.02.16 | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) | Ha | 1 | 1536.44 | 1843.72 | 1843.72 | 5346.788 |
| 02.02.22 | Uprootal of Mahaveera (<i>Hyptis suaveolens</i>) weed with prior written approval of General Manager and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing. | Ha | 1 | 3833.45 | 4600.14 | 4600.14 | 13340.406 |
| 02.02.21 | Cost of Protection: (a) For fenced area: One Casual labour is allowed for the plantation up to 50 Ha | Ha | 1 | 9654.59 | 9654.59 | | |
| | Unit rate for 2022-23 | | | | | 119541.086 | 346669.1494 |
| | Unit rate for 2023-24 | | | | | 131495.1946 | 381336.0643 |
| | Unit rate for 2024-25 | | | | | 144644.7141 | 419469.6708 |
| | Unit rate for 2025-26 | | | | | 159109.1855 | 461416.6379 |
| | Unit rate for 2026-27 | | | | | 175020.104 | 507558.3016 |



Sellu
General Manager
SRIRAMPUR

Unit cost for First year maintenance of NTSH plantation under aided natural regeneration with gap planting per Ha

| FSR Item | Item of the work | Units per | Quantity | FSR Rate (Rs) | Rate incl allowance (Rs) | Amount | Amount (Rs) for 2.9 Ha |
|-------------|--|-----------|----------|---------------|--------------------------|-------------|------------------------|
| 02.03.01 | Replacement of Casualties: 25% in 1st year. The list of all casualty points shall be prepared by concerned area forest officer and his assistant and made a report to GM/AGM (Forestry) latest by end of May. The pitting of all such casualty points shall be over by end of June. The planting shall be completed by 15th of July. 6"x12' bag plants | | | | | | |
| | Transportation up to 5km | 100 | 500 | 126.7 | 152.04 | 760.2 | 2204.58 |
| | Additional transportation up to 10km | 100/km | 0 | 4.24 | 4.24 | 0 | 0 |
| | Internal transportation | 100 | 500 | 96.41 | 115.69 | 578.45 | 1677.505 |
| | Digging of pits of 45 cubic cm | Each | 500 | 11.19 | 13.42 | 6710 | 19459 |
| | Planting of bag plants | 100 | 500 | 459.36 | 551.23 | 2756.15 | 7992.835 |
| 02.02.13 | Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June. | 100 Nos | 2000 | | 157.44 | 2282.88 | 6620.352 |
| 02.02.14 | Circular weeding to a radius of 0.50 m around the plant (i.e., Aug - Sept) | 100 Nos | 2000 | 131.2 | 157.4 | 3148 | 9129.2 |
| 02.02.15 .b | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | 100 Nos | 2000 | 131.2 | 826.87 | 16537.4 | 47958.46 |
| 02.02.16 .b | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) | Ha | 1 | 1536.44 | 1843.72 | 1843.72 | 5346.788 |
| 02.02.22 | Uprootal of Mahaveera (<i>Hyptis suaveolens</i>) weed with prior written approval of General Manager and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing. | Ha | 1 | 3833.45 | 4600.14 | 4600.14 | 13340.406 |
| 02.02.2 1 | Cost of Protection: (a) For fenced area: One Casual labour is allowed for the plantation up to 50 Ha | Ha | 1 | 9654.59 | 9654.59 | | |
| | Unit rate for 2022-23 | | | | | 39216.94 | 113729.126 |
| | Unit rate for 2023-24 | | | | | 43138.634 | 125102.0386 |
| | Unit rate for 2024-25 | | | | | 47452.4974 | 137612.2425 |
| | Unit rate for 2025-26 | | | | | 52197.74714 | 151373.4667 |
| | Unit rate for 2026-27 | | | | | 57417.52185 | 166510.8134 |



S. R. M. A.
General Manager
SRIRAMPUR

Unit cost for 2nd year maintenance of NTSH plantation under aided natural regeneration with gap planting method per Ha

| FSR Item | Item of the work | Units per | Quantity | FSR Rate (Rs) | Rate incl allowance (Rs) | Amount | Amount (Rs) for 2.9 Ha |
|-------------|---|-----------|----------|---------------|--------------------------|----------|------------------------|
| | Casualty replacements 10 % with 6"x12" bag plants | | | | | | |
| | Transportation up to 5km | 100 | 200 | 126.7 | 152.04 | 304.08 | 881.832 |
| | Additional transportation up to 10km | 100/km | 0 | 4.24 | 4.24 | 0 | 0 |
| | Internal transportation | 100 | 200 | 96.41 | 115.69 | 231.38 | 671.002 |
| | Digging of pits of 45 cubic cm | Each | 200 | 11.19 | 13.42 | 2684 | 7783.6 |
| | Planting of bag plants | 100 | 200 | 459.36 | 551.23 | 1102.46 | 3197.134 |
| 02.04.01 | Weeding and saucer formation to a radius of 0.5 mts around the plant immediately after planting (i.e) during June. | 100 Nos | 2000 | 131.2 | 157.4 | 3148 | 9129.2 |
| 02.04.02 | Circular weeding to a radius of 0.50 m around the plant (i.e., Aug - Sept) | 100 Nos | 2000 | 131.2 | 157.4 | 3148 | 9129.2 |
| 02.04.03 .b | Deep soil working to a radius of 0.5 m and to a depth of 10 cm (to be done by pick-axe only) without damaging the plant (to be carried out during Nov - Dec) | 100 Nos | 2000 | 689.06 | 826.87 | 16537.4 | 47958.46 |
| 02.04.04 .b | Cutting of coppice growth flush to the ground to reduce the competition over the entire area duly retaining useful species after planting and placing the cut material in between the planting rows (to be undertaken during July - August) | Ha | 1 | 1536.44 | 1843.72 | 1843.72 | 5346.788 |
| 02.04.07 | Cost of Protection: One Casual labour is allowed for the plantation up to 50 ha | Ha | 1 | 9654.59 | 9654.59 | | |
| | Unit rate for 2022-23 | | | | | 28999.04 | 84097.216 |
| | Unit rate for 2023-24 | | | | | 31899 | 92507 |
| | Unit rate for 2024-25 | | | | | 35089 | 101758 |
| | Unit rate for 2025-26 | | | | | 38598 | 111933 |
| | Unit rate for 2026-27 | | | | | 42457 | 123127 |

Unit cost for 3rd year maintenance of NTSH plantation under aided natural regeneration with gap planting method per Ha

| | | | | | | | |
|--|--|----|---|---------|---------|---------|-----------|
| | Uprootal of Mahaveera (<i>Hyptis suaveolens</i>) weed with prior written approval of General Manager and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing. | Ha | 1 | 3833.45 | 4600.14 | 4600.14 | 13340.406 |
| | Cost of Protection: One Casual labour is allowed for the plantation up to 100 ha | Ha | 1 | 9654.59 | 9654.59 | | |
| | Unit rate for 2022-23 | | | | | 4600 | 13340.4 |
| | Unit rate for 2023-24 | | | | | 5060 | 14674 |
| | Unit rate for 2024-25 | | | | | 5566 | 16142 |
| | Unit rate for 2025-26 | | | | | 6123 | 17756 |
| | Unit rate for 2026-27 | | | | | 6735 | 19532 |



S. C. C. L.
General Manager
SRIRAMPUR

Unit cost for 4th year maintenance of NTSH plantation under aided natural regeneration with gap planting method per Ha

| | | | | | | | |
|--------------|--|--------|-----|---------|---------|---------|-----------|
| | Replacement of Casualties: 10% | | | | | | |
| | Transportation up to 5km | 100 | 200 | 126.7 | 152.04 | 304.08 | 881.832 |
| | Additional transportation up to 10km | 100/km | 0 | 4.24 | 4.24 | 0 | 0 |
| | Internal transportation | 100 | 200 | 96.41 | 115.69 | 231.38 | 671.002 |
| | Digging of pits of 45 cubic cm | Each | 200 | 11.19 | 13.42 | 2684 | 7783.6 |
| | Planting of bag plants | 100 | 200 | 459.36 | 551.23 | 1102.46 | 3197.134 |
| 02.09.2 2 | Uprootal of Mahaveera (<i>Hyptis suaveolens</i>) weed with prior written approval of General Manager and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing. | Ha | 1 | 3833.45 | 4600.14 | 4600.14 | 13340.406 |
| 02.11.0 6 | Cost of Protection: One Casual labour is allowed for the plantation up to 100 ha | Ha | 1 | 9654.59 | 9654.59 | | |
| | Unit rate for 2022-23 | | | | | 8922 | 25874 |
| | Unit rate for 2023-24 | | | | | 9814 | 28461 |
| | Unit rate for 2024-25 | | | | | 10796 | 31308 |
| | Unit rate for 2025-26 | | | | | 11875 | 34438 |
| | Unit rate for 2026-27 | | | | | 13063 | 37882 |

Unit cost for 5th year maintenance of NTSH plantation under aided natural regeneration with gap planting method per Ha

| | | | | | | | |
|--------------|--|--------|-----|---------|---------|---------|-----------|
| | Replacement of Casualties: 10% | | | | | | |
| | Transportation up to 5km | 100 | 200 | 126.7 | 152.04 | 57.59 | 167.011 |
| | Additional transportation up to 10km | 100/km | 200 | 4.24 | 4.24 | 0 | 0 |
| | Internal transportation | 100 | 200 | 96.41 | 115.69 | 55.09 | 159.761 |
| | Digging of pits of 45 cubic cm | Each | 200 | 11.19 | 13.42 | 1228.5 | 3562.65 |
| | Planting of bag plants | 100 | 200 | 459.36 | 551.23 | 262.48 | 761.192 |
| 02.09.2 2 | Uprootal of Mahaveera (<i>Hyptis suaveolens</i>) weed with prior written approval of General Manager and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing. | Ha | 1 | 3833.45 | 4600.14 | 4600.14 | 13340.406 |
| 02.11.0 6 | Cost of Protection: One Casual labour is allowed for the plantation up to 100 ha | Ha | 1 | 9654.59 | 9654.59 | | |
| | Unit rate for 2022-23 | | | | | 6204 | 17991 |
| | Unit rate for 2023-24 | | | | | 6824 | 19790 |
| | Unit rate for 2024-25 | | | | | 7507 | 21769 |
| | Unit rate for 2025-26 | | | | | 8257 | 23946 |
| | Unit rate for 2026-27 | | | | | 9083 | 26341 |



S. S. S.
General Manager
SRIRAMPUR

Unit cost for 7th year maintenance of NTSH plantation under aided natural regeneration with gap planting method per Ha

| | | | | | | | |
|--------------|---|--------|-----|---------|---------|---------------|--------------|
| | Replacement of Casualties: 10% | | | | | | |
| | Transportation up to 5km | 100 | 200 | 126.7 | 152.04 | 304.08 | 881.832 |
| | Additional transportation up to 10km | 100/km | 0 | 4.24 | 4.24 | 0 | 0 |
| | Internal transportation | 100 | 200 | 96.41 | 115.69 | 231.38 | 671.002 |
| | Digging of pits of 45 cubic cm | Each | 200 | 11.19 | 13.42 | 2684 | 7783.6 |
| | Planting of bag plants | 100 | 200 | 459.36 | 551.23 | 1102.46 | 3197.134 |
| 02.09.2 2 | Uprootal of Mahaveera (<i>Hyptis suaveolens</i>) weed with prior written approval of General Manager and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing. | Ha | 1 | 3833.45 | 4600.14 | 4600.14 | 13340.406 |
| 02.11.0 6 | Cost of Protection: One Casual labour is allowed for the plantation up to 100 ha | Ha | 1 | 9654.59 | 9654.59 | | |
| | Unit rate for 2022-23 | | | | | 8922.1 | 25874 |
| | Unit rate for 2023-24 | | | | | 9814 | 28461 |
| | Unit rate for 2024-25 | | | | | 10796 | 31308 |
| | Unit rate for 2025-26 | | | | | 11875 | 34438 |
| | Unit rate for 2026-27 | | | | | 13063 | 37882 |



Unit cost for 9th year maintenance of NTSH plantation under aided natural regeneration with gap planting method per Ha

| | | | | | | | |
|--------------|---|--------|-----|---------|---------|-------------|--------------|
| | Replacement of Casualties: 10% | | | | | | |
| | Transportation up to 5km | 100 | 200 | 126.7 | 152.04 | 304.08 | 881.832 |
| | Additional transportation up to 10km | 100/km | 0 | 4.24 | 4.24 | 0 | 0 |
| | Internal transportation | 100 | 200 | 96.41 | 115.69 | 231.38 | 671.002 |
| | Digging of pits of 45 cubic cm | Each | 200 | 11.19 | 13.42 | 2684 | 7783.6 |
| | Planting of bag plants | 100 | 200 | 459.36 | 551.23 | 1102.46 | 3197.134 |
| 02.09.2 2 | Uprootal of Mahaveera (<i>Hyptis suaveolens</i>) weed with prior written approval of General Manager and taking photograph before and after uprootal. The weed removal shall be completed before September-end at any cost before inter-ploughing. | Ha | 1 | 3833.45 | 4600.14 | 4600.14 | 13340.406 |
| 02.11.0 6 | Cost of Protection: One Casual labour is allowed for the plantation up to 100 ha | Ha | 1 | 9654.59 | 9654.59 | | |
| | Unit rate for 2022-23 | | | | | 8922 | 25874 |
| | Unit rate for 2023-24 | | | | | 9814 | 28461 |
| | Unit rate for 2024-25 | | | | | 10796 | 31308 |
| | Unit rate for 2025-26 | | | | | 11875 | 34438 |
| | Unit rate for 2026-27 | | | | | 13063 | 37882 |



S.C.C.L.
General Manager
SRIRAMPUR

SBINR52022042579939285

| AGENCY COPY | |
|--|---|
|   | |
| NEFT / RTGS CHALLAN for CAMPA Funds | |
| Date : 21-04-2022 | |
| Agency Name. | SINAGRENI COLLIERIES COMPANY LIMITED |
| Application No. | 5829918756 |
| MoEF/SG File No. | 8-06/2019-FC |
| Location. | Telangana |
| Address. | General Manager, SriRampur Area, SCCLAdilabad |
| Amount(In Rs) | 325682000/- |
| Amount In Words :Thirty-Two Crore Fifty-Six Lakh Eighty-Two Thousand Rupees Only | |
| NEFT/RTGS'to be made as per following details; | |
| Beneficiary Name: | Telangana CAMPA |
| IFSC Code: | UBIN0903710 |
| Pay to Account No. | 155705829918756 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi -110003 |
| • This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only | |

After making successful payment, User Agencies may
Email: helpdeskampa@corpbank.co.in

Note:After making the required payment through challi
even after 7 working days, then kindly mail a copy of y
Email: cb0371@unionbankofindia.com



Print



STATE BANK OF INDIA
SRIRAMPUR BRANCH (20910)
PH NO: 08736-234031. FAX NO: 08736-234751
Email sd-sbi.20910@sbi.co.in

DATE:25-04-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that based on request of our customer the Singareni Collieries Company Limited, bearing account no:52160836068 Srirampur Area, Mancherla Dist. Telangana State has remitted through RTGS Rs. 32,56,82,000, to telangana state CAMPA account No:155705829918756, IFSC code:UBIN0903710 Union Bank Of India, Lodhi Complex Branch, Block 11, CGO Complex, Phase 1, Lodhi Road, New Delhi-110003.

Rs 32,56,82,000/- UTR NO: SBINR52022042579939285

Bhinary

BRANCH MANAGER



GOVERNMENT OF TELANGANA
A B S T R A C T

ANNEXURE - XIX

Energy Department - SCCI - Mines & Minerals - deemed extension of Mining lease for Coal to an extent of 2044.34 Ha in Chetpally, Tekumatla and Indaram Reserve Forest Villages of Jaipur Mandal, Mancherial District held by M/s. Singareni Collieries Company Limited (M/s.SCC Ltd.) for total period of 50 Years - orders - Issued.

ENERGY (POWER. II) DEPARTMENT

G.O.Ms.No.9

Dated: 16.04.2022.
Read the following:

1. G.O.Ms.No.438, Ind., & Comm. (M.III) Dept. dt:28.05.1979,
2. G.O.Ms.No.15, Ind., & Comm. (M.III) Dept. dt:23.01.2006,
3. From the General Manager, Estates, SCC Ltd., Bhadradi-Kothagudem District, Lr.No.CRP/EST/M/513/343, dated 08.04.2019.
4. Letter No.455038/R3-3/2019 received from the DMG, Hyderabad, Dt:23.03.2022.

<<0>>

ORDER:

In the G.O 1st read above, Government have granted Mining Lease for Coal over an extent of 29.00 Sq. Km in Chetpally, Tekumatla and Indaram R.F. Villages of Chennur Mandal, Adilabad District in favour of M/s. Singareni Collieries Company Limited for a period of 20 years.

2. In the G.O 2nd read above, Government have granted 1st Renewal of Mining Lease for Coal over an extent of 2100.00 Ha for (20) years i.e upto 28.07.2020.

3. In the letter 3rd read above, the General Manager (Estates), M/s SCC Ltd., have filed application for 2nd Renewal of Mining Lease for Coal over an extent of 2100.00 Ha in Chetpally, Tekumatla and Indaram Reserve Forest Villages of Jaipur Mandal, Mancherial District.

4. In the letter 4th read above, the Director of Mines and Geology, Hyderabad has recommended for extension of mining lease for reduced extent of 2044.34 Ha as per the DGPS maps for a total period of 50 years i.e. upto 28.07.2030 as per the Rule 24C(2) of Mineral Concession (Amendment) Rules, 2021, and requested for issue orders according deemed extension of the above mining lease.

5. Government after careful consideration of the matter and as per the powers conferred under the Rule 24C(2) of Mineral Concession (Amendment) Rules, 2021 hereby grant deemed extension of mining lease in favour of M/s Singareni Collieries Company Limited for a total period of 50 years i.e. upto 28.07.2030 for the reduced extent of area 2044.34 Ha as per the DGPS maps in Chetpally, Tekumatla and Indaram Reserve Forest Villages of Jaipur Mandal, Mancherial District on the terms and conditions as accorded in the G.Os. 1st and 2nd read above.

:: 2 ::

6. The Director of Mines and Geology, Hyderabad shall take further necessary action in the matter.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)

SUNIL SHARMA
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To

The Director of Mines and Geology, Hyderabad.

✓ The Chairman & Managing Director,

Singareni Collieries Company Limited, Hyderabad.

Copy to:

The Assistant Director of Mines and Geology, Mancherial District.

The Collector, Mancherial District.

The Secretary to Govt. of India,

Ministry of Coal, New Delhi.

The Controller General, Indian Bureau of Mines, Nagpur.

The Director General of Mines Safety, Dhanbad, Jarkhand.

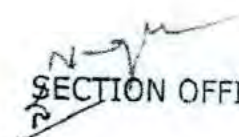
The Regional Controller of Mines, Koti, Hyderabad.

The P.A to Special Chief Secretary to Government,

Energy Department, TS Secretariat.

SF/SC (C.No.1275/PR.II/2022)

//FORWARDED :: BY ORDER//


SECTION OFFICER

Annexure- XX

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking that the Environmental clearance for Srirampur Opencast-II expansion will be obtained as per the provisions of the Environmental (protection) Act,1986 as stipulated in Condition No. B (xi) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.




General Manager,
Srirampur Area.
General Manager
SRIRAMPUR

Form-2

APPLICATION FOR PRIOR ENVIRONMENTAL CLEARANCE

| S. No. | Item | Details |
|--------|--|--|
| 1. | <p>Whether it is a violation case and application is being submitted under Notification No. S.O.804(E) dated 14.03.2017 ?</p> <p>Details of Project:</p> <p>(a) Name of the project(s)</p> <p>(b) Name of the Company / Organisation</p> <p>(c) Registered Address</p> <p>(d) Legal Status of the Company</p> <p>(e) Joint Venture</p> | <p>No</p> <p>Srirampur Opencast-II Expansion Project</p> <p>The Singareni Collieries Company Limited</p> <p>M/s. Singareni Collieries Company Limited PO: Kothagudem Collieries - 507 101 Dist: KHAMMAM, T.Sr.,Khammam,Telangana-507101</p> <p>State Government</p> <p>No</p> |
| 2. | <p>Address for the correspondence:</p> <p>(a) Name of the Applicant</p> <p>(b) Designation (Owner/ Partner/ CEO)</p> <p>(c) Address</p> <p>(d) Pin code</p> <p>(e) E-mail</p> <p>(f) STD Code.</p> <p>(g) Fax No.</p> <p>(h) Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency .</p> | <p>Shri N. Balram B</p> <p>Director (Planning & Projects)</p> <p>NIL</p> <p>507101</p> <p>gm_env@sccldmines.com</p> <p>8744(f) Telephone No.</p> <p>08744244115</p> <p>243059</p> <p>Annexure-Uploaded Copy of documents in support of the competence/authority.</p> |
| 3. | <p>Category of the Project/Activity as per Schedule of EIA Notification, 2006:</p> <p>(a.1) Project/Activity</p> <p>Minor Activity</p> <p>(b) Category</p> <p>(c) Proposal Number</p> <p>(d) Master Proposal Number(Single Window)</p> <p>(e) EAC concerned (for category A Projects only)</p> <p>(f) Project Type</p> | <p>1(a) Mining of minerals</p> <p>A</p> <p>IA/TG/CMIN/187387/2017</p> <p>SW/187373/2020</p> <p>Coal Mining</p> <p>Expansion</p> |
| 4. | <p>Location of the Project:</p> <p>(a) Plot/Survey/Khasra No.</p> <p>(b) Pincode</p> <p>(c) Bounded Latitudes (North)</p> <p>From</p> <p>Degree</p> <p>Minutes</p> <p>Second</p> <p>From</p> <p>Degree</p> <p>Minutes</p> <p>Second</p> <p>(d) Bounded Longitudes (East)</p> <p>From</p> <p>Degree</p> <p>Minutes</p> <p>Second</p> <p>From</p> <p>Degree</p> <p>Minutes</p> <p>Second</p> <p>(e) Survey of India Topo Sheet No.</p> <p>(f) Uploaded Topo Sheet File</p> <p>(g) Maximum Elevation Above Means Sea Level(AMSL)</p> <p>(h) Uploaded (kml) File</p> <p>(i) Distance of Nearest HFL from the project boundary within the study area</p> <p>(j) Seismic Zone</p> | <p>Ramaraopet Village Sy. No. 369,370,373,375,387 and 504303</p> <p>18</p> <p>48</p> <p>02</p> <p>18</p> <p>51</p> <p>18</p> <p>79</p> <p>28</p> <p>46</p> <p>79</p> <p>31</p> <p>44</p> <p>56N/5, 56N/6, 56N/9 and 56N/10</p> <p>Copy of Topo Sheet File</p> <p>1.1</p> <p>Copy of Kml File</p> <p>1.1</p> <p>3</p> |
| 5. | <p>(a) Number of States in which Project will be Executed</p> <p>(b) Main State of the project</p> | <p>1</p> <p>Telangana</p> |

| Details of State(s) of the project | | | | | | | | |
|------------------------------------|---|---|--|--|------------------------|--|---|---|
| S. No. | State Name | District Name | Tehsil Name | Village Name | | | | |
| (1.) | Telangana | Mancherial | Mancherial | Srirampur | | | | |
| 6. | Details of Terms of Reference (ToR)/EC: (a) MoEF&CC / SEIAA File Number J-11015/212/2007-IA.II(M) (b) Date of Apply of TOR 02 Feb 2018 (c) Date of Issue of TOR / Standard ToR 02 Feb 2018 (d) Date of Apply of EC (e) Date of Issue of EC (f) Previous TOR Letter Copy of Previous TOR letter (g) Previous EC Letter NA | | | | | | | |
| 7. | Details of Public Consultation: (a) Whether the Project Exempted from Public Hearing? No (b) Whether details of Public Hearing available? Yes (c) Whether Public hearing was presided over by an officer of the rank of Additional District Magistrate or above Yes | | | | | | | |
| 7.1. Details of Public Hearing | | | | | | | | |
| S. No. | Details of Advertisement | Details of Public Hearing | Venue | Location Details | No. of People Attended | Issues Raised | Designation of Presiding Officer | Other Designation of Presiding Officer |
| (1.) | Date of Advertisement : 11 Aug 2018 Copy of advertisement : Copy of Advertisement | Copy of Public Hearing : Copy of Public Hearing Date : 11 Sep 2018 Distance of Public Hearing Venue from the Proposed Project : 1.5 | Pragathi Stadium, Srirampur colony | State : Telangana District : Mancherial Tehsil : Mancherial Village : Naspur Mandal, Singapur Village | 1250 | Issues related to the employment to local youth, compensations, infrastructure development, plantation, medical facility, water etc. | Others | Joint Collector & Addl. District Magistrate |
| 8. | Details of Project Configuration/Product: Details Not Applicable | | | | | | | |
| 9. | In case of Expansion / Modernisation / One Time Capacity Expansion (only for Coal Mining) / Expansion under Clause 7(ii) / Modernisation under Clause 7(ii) / Change of Product Mix under Clause 7(ii): (a) Details of certified report on compliance of earlier environmental clearance condition (i) Certified Compliance By Regional (ii) Details of Regional Office of MoEFCC / Zonal Office of CPCB / SPCB / UTPCC from which certified report on Hyderabad (iii) Letter No. ENV/IRO-HYD/CCR-16/A/2021/54 (iv) Status of Compliance Compiled (v) Certified report on compliance of earlier environmental clearance conditions (Including Monitoring Report) Copy of Certified Compliance Report (vi) Date of site visit Jul 29 2021 12:00AM (b) Details of Capacity Expansion | | | | | | | |
| S. No. | Product/Activity (Capacity/Area) | Quantity From | Quantity To | Total | Unit | Other Unit | Mode of Transport / Transmission of Product | Other Mode of Transport / Transmission of Product |
| (1.) | 1604.11 ha | 2.50 | 1.00 | 3.5 | Others | Million Tons Per Annum | Rail | |
| (c) Details of Configuration | | | | | | | | |
| S. No. | Plant / Equipment / Facility | Existing Configuration | Proposed Configuration | Final configuration after expansion | Remarks | | | |
| (1.) | 3.50 Mtpa in 1604.11 ha with Shovel-Dumper | 2.50 Mtpa in 707.63 ha with Shovel-Dumper | 3.50 Mtpa in 1604.11 ha with Shovel-Dumper | 3.50 Mtpa in 1604.11 ha with Shovel-Dumper | | | | |
| 9.1. | Details of Consent to Operate (i) Whether Consent to operate obtained ? NA (ii) Copies of all Consent to operate obtained since inception NA (iii) Date of Issue 25 Feb 2021 (iv) Valid Upto 31 Mar 2026 | | | | | | | |

| | |
|---|----------------------------|
| (v) File No. | 210522749651 |
| (vi) Application No. | 2749651 |
| (vii) Copy of Consent to operate valid as on date | Copy of Consent to Operate |

| | |
|-----|--|
| 10. | Project Cost: (a) Total Cost of the Project at current price level (in Crores) 13.54 (b) Funds Allocated for Environment Management (Capital) (in Crores) 13.54 (c) Funds Allocated Towards CER (Corporate Environment Responsibility) (in Crores) 0 (d) Funds Allocated for Environment Management Plan (EMP) (Recurring per Annum) (in Crores) 5.44 |
| 11. | Whether project attracts the General Condition specified in the Schedule of EIA Notification ? No |
| 12. | Whether project attract the Specific Condition specified in the Schedule of EIA Notification ? No |
| 13. | Raw Material / Fuel Requirement: (a) Proposed quantity of raw material/fuel 4000 (b) Existing quantity of raw material/fuel 8000 (c) Total quantity of raw material/fuel 12000 |

13.1. Raw Material / Fuel Profile

| S. No. | Raw Material / Fuel | Quantity | Unit | Other Unit | Source (In case of Import, please specify country and Name of the port from which Raw Material / Fuel is received) | Mode of Transport | Other Mode of Transport | Distance of Source from Project Site (in Kilometres) (In case of import, distance from the port from which the raw material / fuel is received) | Type of Linkage | Other Type of Linkage | Uploaded Copy of Linkage |
|--------|---------------------|----------|--------------------|------------|--|-------------------|-------------------------|---|-----------------|-----------------------|--------------------------|
| (1.) | Diesel | 30000 | Tons per Annum | | Purchase From Oil Companies | Road | | 210 | MoU | | Copy of Linkage |
| (2.) | Water | 1508 | Kilo Litre per Day | | From the project itself | Others | Pipeline | 1 | Others | Pumping-Pipeline | Copy of Linkage |
| (3.) | Explosives | 12000 | Tons per Annum | | Purchase From Explosive Companies | Road | | 150 | MoU | | Copy of Linkage |
| (4.) | Power | 8044 | Others | kVA | 132 KV Mandamarri Sub-Station | Others | OHT Lines | 15 | LOA | | Copy of Linkage |

| | |
|-----|--|
| 14. | Baseline Data : (a) Period of Base Line Data Collection FROM 01 Mar 2019 To 31 May 2019 (b) Season Summer |
|-----|--|

14.1. No. of ambient Air Quality (AAQ) monitoring locations : 10

| S. No. | Criteria Pollutants | Other Criteria Pollutants | Unit | Maximum Value | Minimum Value | 98 Percentile Value | Prescribed Standard |
|--------|---------------------|---------------------------|---------------------------|---------------|---------------|---------------------|---------------------|
| (1.) | PM10 | | Micro Gram per Meter Cube | 163.00 | 94.00 | 159.30 | 250 |
| (2.) | SO2 | | Micro Gram per Meter Cube | 16.70 | 10.30 | 16.20 | 120 |
| (3.) | NOx | | Micro Gram per Meter Cube | 18.80 | 13.40 | 18.20 | 120 |
| (4.) | PM2.5 | | Micro Gram per Meter Cube | 63.10 | 37.30 | 60.30 | - |

14.2. No. of Ground Water monitoring locations : 08

| S. No. | Criteria Pollutants | Other Criteria Pollutants | Heavy Metal | Unit | Other Unit | Maximum Value | Minimum Value | Desirable Limit | Maximum Permissible Limit |
|--------|---------------------|---------------------------|-------------|------|------------|---------------|---------------|-----------------|---------------------------|
|--------|---------------------|---------------------------|-------------|------|------------|---------------|---------------|-----------------|---------------------------|

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| | | | | | | | | |
|------|----------------|--------------|------|--|------|------|------|------|
| (1.) | TSS | | NA | | 0 | 0 | 0 | 0 |
| (2.) | Total Hardness | | mg/l | | 585 | 360 | 200 | 600 |
| (3.) | Heavy Metals | Lead as Pb | mg/l | | 0 | 0 | 0.01 | 0.01 |
| (4.) | pH | | NA | | 7.8 | 7.2 | 6.5 | 8.5 |
| (5.) | Chlorides | | mg/l | | 312 | 37 | 250 | 1000 |
| (6.) | Fluoride | | mg/l | | 0.75 | 0.51 | 1.0 | 1.5 |
| (7.) | TDS | | mg/l | | 1360 | 442 | 500 | 2000 |
| (8.) | Heavy Metals | Nickel as Ni | mg/l | | 0 | 0 | 0.02 | 0.02 |

14.3. No. of Surface Water monitoring locations : 8

| S. No. | Criteria Pollutants | Other Criteria Pollutants | Unit | Other Unit | Maximum Value | Minimum Value | Classification of inland water body |
|--------|---------------------|---------------------------|--------|------------|---------------|---------------|-------------------------------------|
| (1.) | Others | Total Coliforms | Others | MPN/100mL | 350 | 140 | C |
| (2.) | pH | | NA | | 7.9 | 7.4 | A |
| (3.) | DO | | mg/l | | 6.6 | 5.8 | B |
| (4.) | BOD | | mg/l | | 3.5 | 1.8 | D |
| (5.) | COD | | NA | | 30 | 14 | A |

14.4. No. of Ambient Noise monitoring locations : 10

| S. No. | Parameter | Unit | Maximum Value | Minimum Value | Prescribed Standard |
|--------|------------|----------------------------|---------------|---------------|---------------------|
| (1.) | Leq(Day) | A-weighted decibels(dB(A)) | 53.3 | 53.3 | 75 |
| (2.) | Leq(Night) | A-weighted decibels(dB(A)) | 40.4 | 40.4 | 70 |

14.5. No. of Soil Sample Monitored locations : 7

| S. No. | Parameter | Unit | Other Unit | Maximum Value | Minimum Value |
|--------|-----------------------|-----------------------------|------------|---------------|---------------|
| (1.) | pH | | | 7.6 | 6.9 |
| (2.) | N(Nitrogen) | Kilogram per hectare | | 255 | 175 |
| (3.) | P(Phosphorus) | Kilogram per hectare | | 22 | 17 |
| (4.) | K(Potassium) | Kilogram per hectare | | 454 | 297 |
| (5.) | Electric Conductivity | Millisiemens per Centimetre | | 0.29 | 0.17 |

| | | |
|-------|---|--|
| 14.6. | Details of Ground Water Table: (a) Range of Water Table Pre-Monsoon Season (Meters Below Ground Level (m bgl)) (b) Range of Water Table Post-Monsoon Season (Meters Below Ground Level (m bgl)) (c) Whether Ground Water Intersection will be there ? | From 13.98 To 2.16 From 0.95 To 11.15 No |
|-------|---|--|

15. Details of Water Requirement (During Operation)

| S. No. | Source | Source Other | Required Quantity (Kilolitre per Day (Kld)) | Distance from Source | Copy of Permission from Competent Authority | Mode of Transport | Other Mode of Transport | Method of Water Withdrawal | Other Method of Water Withdrawal | Letter No. | Date of Issue | Permitted Quantity |
|--------|-------------|--------------|---|----------------------|---|-------------------|-------------------------|----------------------------|----------------------------------|-------------------|---------------|--------------------|
| (1.) | GroundWater | | 1508 | 1.0 | <u>Copy of Permission Letter</u> | Pipeline | | Others | Pumping | No. 236/SCCL/2017 | 07 Sep 2018 | 1508 |

| | | |
|-------|--------------------------------------|----|
| 15.1. | (a) Whether Desalination is proposed | No |
|-------|--------------------------------------|----|

16. Waste Water Management(During Operation)

| S. No. | Type/Source | Quantity of Waste Water Generated (Kilolitre per Day) | Treatment Capacity (Kilolitre per Day) | Treatment Method | Mode of Disposal | Other Mode of Disposal | Quantity of Treated Water Used in Recycling/Reuse (Kilolitre per Day) | Quantity of Discharged Water (Kilolitre per Day) |
|--------|----------------------|---|--|------------------------|------------------|--|---|--|
| (1.) | Pumed Out Mine Water | 2970 | 2970 | Settling Ponds and ETP | Others | Discharge into near by agriculture tanks | 1508 | 1462 |

| | | |
|-------|--|------|
| 16.1. | (a) Total Waste Water Generation (Kilolitre per Day) | 2970 |
| | (b) Total Discharged Water (Kilolitre per Day) | 1462 |

| (c) Total Reused Water (Kilolitre per Day) | | 1508 | | | | | | | | |
|---|---|---------------------------|--------------------------|--|--------------|---------------------------|-------------------|-------------------------|------------------|--|
| 17. Solid Waste Generation/Management | | | | | | | | | | |
| S. No. | Name of Waste | Item | Other Item | Quantity per Annum | Unit | Distance from Site(KM) | Mode of Transport | Other Mode of Transport | Mode of Disposal | Other Mode of Disposal |
| (1.) | Top Soil | Others | Top Soil | 214400 | Tons | 1.25 | Others | Dumpers/Trucks | Others | Spreading Over Dumps |
| (2.) | Hard OB | Others | Hard OB | 109802000 | Tons | 1.25 | Others | Dumpers/Trucks | Others | Dumping in External Dump and Internal Dump |
| 18. | | | | | | | | | | |
| 18.1. Air Quality Impact Prediction | | | | | | | | | | |
| S. No. | Criteria Pollutants | Other Criteria Pollutants | Unit | Baseline Concentration | Distance GLC | Incremental Concentration | Total GLC | Prescribed Standard | | |
| (1.) | PM10 | | Microgram per Meter Cube | 163.00 | 0 | 23.60 | 186.60 | 250 | | |
| (2.) | NOx | | Microgram per Meter Cube | 18.80 | 0 | 0.34 | 19.14 | 120 | | |
| (3.) | SO2 | | Microgram per Meter Cube | 16.70 | 0 | 0.01 | 16.71 | 120 | | |
| (4.) | PM2.5 | | Microgram per Meter Cube | 63.10 | 0 | 5.70 | 68.80 | NS | | |
| 18.2. Stack Details | | | | | | | | | | |
| S. No. | Source | Fuel | Stack Height(m) | Stack Diameter(m) | Pollutants | Other Pollutants | Emission (GLS) | | | |
| (1.) | NA | NA | 0 | 0 | Others | NA | 0 | | | |
| 19. | Power Requirement: (a) Quantity (Kilo Volt Amps (kVA)) 8044 (b) Source 132 KV Mandamarri sub-station. (c) Uploaded Copy of Agreement Not Applicable (d) Standby Arrangement (Details of DG Sets) Nil (e) Stack Height (in m) 0 | | | | | | | | | |
| 20. | Land Ownership Pattern: (a) Forest Land (ha.) 276.38 (b) Private Land (ha.) 837.56 (c) Government Land (ha.) 490.17 (d) Revenue Land (ha.) 0 (e) Other Land (ha.) 0 Total Land (ha.) 1604.1100 | | | | | | | | | |
| 21. | Present Land Use Breakup of the Study Area in Ha: (a) Agriculture Area (ha.) 1161.05 (b) Waste/Barren Land (ha.) 41.91 (c) Grazing/ Community Land (ha.) 60.23 (d) Surface Water Bodies (ha.) 20.15 (e) Settlements (ha.) 39.15 (f) Industrial (ha.) 0 (g) Forest (ha.) 276.38 (h) Mangroves (ha.) 0 (i) Marine Area (ha.) 0 (j) Others (ha.) : Roads 5.24 Total (ha.) 1604.1100 | | | | | | | | | |
| 22. Land requirement for various activities | | | | | | | | | | |
| S. No. | Description of Activity / Facility / Plant / Others | Others | Land Requirement (ha.) | Remarks | | | | | | |
| (1.) | Quarry Area | | 647.42 | | | | | | | |
| (2.) | OB Dump Area | | 518.72 | External Dump yard | | | | | | |
| (3.) | Green belt | | 52.00 | Plantation | | | | | | |
| (4.) | Built Up Area | | 13.23 | Service Buildings and CHP | | | | | | |
| (5.) | Others | Railway line | 53.44 | Railway line | | | | | | |
| (6.) | Safety Zone | | 277.68 | Along the Ext dump 94.68 Along Quarry 183.00 | | | | | | |
| (7.) | Area for Solid Waste | | 25.63 | Top Soil & BC Soil storage dump yard | | | | | | |

| | | | | | |
|---------------|--|---|---------------------------------------|--|----------------|
| | Management | | | | |
| (8.) | LandFill | | 15.99 | Protection Bund along the Godavari River | |
| | Total (ha.) | | 1604.11 | | |
| 23. | Ecological and Environmental Sensitivity (Within 10 Km):- WLS-Wild Life Sanctuaries; NPA-Notified Protected Area; ESAs-Eco Sensitive Areas; ESZs-Eco Sensitive Zones : | | | | |
| 23.1. | Details of Ecological Sensitivity : | | | | |
| S. No. | Details of Ecological Sensitivity | Name | Distance from the Project (Km) | Remarks | |
| (1.) | WLS | NA | 0 | NA | |
| (2.) | NPA | NA | 0 | NA | |
| (3.) | ESZs | NA | 0 | NA | |
| (4.) | Wildlife Corridors | NA | 0 | NA | |
| (5.) | Critically Polluted Area | NA | 0 | NA | |
| (6.) | ESAs | NA | 0 | NA | |
| (7.) | Corridors | NA | 0 | NA | |
| 23.2. | Details of Environmental Sensitivity : | | | | |
| S. No. | Details of Environmental Sensitivity | Other Details of Environmental Sensitivity | Name | Distance from the Project (Km) | Remarks |
| (1.) | Forest | | NA | 0 | NA |
| (2.) | Archaeological Sites | | NA | 0 | NA |
| (3.) | Defence Installations | | NA | 0 | NA |
| 23.3. | (a)Whether Noc / Permission from the competent authority is required? No | | | | |
| | (b)Whether NBWL recommendation is required? No | | | | |
| 24. | Forest Land: Whether any Forest Land involved? Yes (a)Forests Clearance Status Final(Stage-II) Approval Obtained (i)MoEFCC file number FP/TG/MIN/1088/2007 (ii)Date of final approval 16 Jun 2009 (iii)Date of In-Principle Approval 16 Jun 2009 (iv)Area diverted 100.82 (v)Uploaded FC Letter Copy of FC Letter (b)Legal Status of Forest Land Total 276.38 Diverted 113.93 Stage-I Approval Obta | | | | |
| 25. | Tree Cutting: (a)No. of Trees Cut for the Project (if Forest Land not Involved) Not Applicable (b)Details of Tree Cutting and Planting of Trees Not Applicable | | | | |
| 26. | Land Acquisition Status: (a)Acquired Land(Ha) 1553.90 (b)Land yet to be acquired(Ha) 50.21 (c)Status of Land acquisition if not acquired In-Progress | | | | |
| 27. | Rehabilitation and Resettlement (R&R): (a)No. of Villages 1 (b)No. of Households 120 (c)No. of PDFs (Project Displaced Families) 120 (d)No. of PAFs (Project Affected Families) 0 (e)Funds Allocated for R&R(In INR) (in Lacs) 24000 (f)Status of R&R In-Progress | | | | |
| 28. | Details of Presence of Schedule-I Species: (a)Whether there is Presence of Schedule-I Species ? Yes (i)Details of Schedule-I Species Pavo cristatus and Varanus bengalensis (b)Whether conservation plan for Schedule-I Species has been prepared ? Yes (i)Uploaded copy of conservation plan Copy of conservation plan (ii)Fund Provision made 1.20 Crores (iii)Period of Implementation 10 Years (c)Whether conservation plan for Schedule-I Species has been approved by competent authority ? No | | | | |
| 29. | | | | | |

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| | | | | |
|---|---|--|-----------------|--------------|
| Details of Presence of Water Bodies in Core Area: | | | | |
| (a) Whether there is Presence of Water Bodies in Core Area ? | | No | | |
| (b) Whether there is Diversion Required ? | | No | | |
| (c) Whether permission has been obtained from competent authority ? | | No | | |
| Details of Presence of Water Bodies in Buffer Area: | | | | |
| (a) Whether there is Presence of Water Bodies in Buffer Area ? | | Yes | | |
| 30. | (i) Details of Water Bodies in Buffer Area | Godavari River 0.5 km away from external dump at South Thallapalli tank at 0.7 km on South-West Indaram tank at 0.7 km south-East | | |
| | (ii) Direction of Water Bodies in Buffer Area | South | | |
| | (iii) Distance of Water Bodies in Buffer Area | 0.5 | | |
| Manpower Requirement: | | | | |
| (a) Permanent Employment-During Construction | | 0 | | |
| (b) Permanent Employment-During Operation | | 437 | | |
| (c) Temporary Employment- During Construction | | 0 | | |
| (d) Temporary Employment- During Operation | | 750 | | |
| (e) No. of working days | | 340 | | |
| (f) Total Manpower | | 1187 | | |
| Green Belt in Ha: | | | | |
| 32. | (a) Uploaded Green Belt plan | <u>Copy of Green Belt Plan</u> | | |
| S. No. | Description | Existing | Proposed | Total |
| (1.) | Total Area of Green Belt | 279.85 | 797.48 | 1077.33 |
| (2.) | No. of Plants | 699625 | 1993700 | 2693325 |
| (3.) | Percentage of Total Project Area | 39.54 | 27.62 | 67.16 |
| (4.) | Funds Allocated | 55970000 | 159496000 | 215466000 |
| 33. Project Benefits | | | | |
| S. No. | Type of Project Benefits | Details of Project Benefits | | |
| (1.) | Social | Road transport, Communication, Housing, Power, Educational, Communication, Medical, Recreation and Business establishments will be developed. | | |
| (2.) | Financial | Direct and Indirect employment opportunities to local people in contractual works like OB Off-loading, civil construction, coal transportation, supply of goods and provision of services to the project and other community services will improve | | |
| (3.) | Environmental | De-silting of tanks, avenue plantation in the nearby villages will be carried out and the left out void of the project will be converted into water body which will augment ground water recharge | | |

34. CRZ Specific Details : Not Applicable

35. Sector Specific Details For Coal Mining

| | | |
|---------------|--|--|
| S. No. | Item | Details |
| 1. | No. of Mineral(s) to be Mined : 1 | |
| S. No. | Mineral(s) to be Mined | Major or Minor Mineral |
| (1.) | Coal | Major |
| 2. | Mine Capacity in ROM (Run of Mine) | 3.50 Mtpa |
| 3. | Uploaded 500 meters Cluster Certificate from State Mines and Geology in case of minor minerals | <u>Copy of 500 meters Cluster Certificate from State Mines and Geology</u> |
| 4. | Mining Plan: | |
| | (a) Approval Letter No. | NO.13016/1/2017-PCA |
| | (b) Date of Approval | 21 Aug 2017 |
| | (c) Approved Letter | <u>Copy of Approved Letter</u> |
| | (d) Approved By State Mining and Geology Department | Coal |
| | (e) Approved Mining Lease Area | 1604.11 |
| | (f) Approved Capacity | 3.5 |

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| 5. | Technical Details: | | | | | | |
|-------------------------------|---|--|-------------------------------------|------------------------------|--|--------|---|
| | (a) Total Geological Reserves (Million Ton) | 136.59 | | | | | |
| | (b) Mineable Reserves (Million Ton) | 109.27 | | | | | |
| | (c) Extractable Reserves (Million Ton) | 86.41 | | | | | |
| | (d) Percent (%) of Extraction | 79.08 | | | | | |
| | (e) Grade of Coal / Ore / Mineral | G-9 | | | | | |
| | (f) Stripping Ratio | 1 : 9.98 | | | | | |
| | (g) Category of Gaseousness (Only for Coal Mining, Others may Write NA) | NA- Opencast Mine | | | | | |
| | (h) Average Gradient (Degree) | 1 in 5.8 | | | | | |
| | (i) Mining Method | Opencast | | | | | |
| | (j) Life of Mine (Years) | 17 Years from 2021-22 | | | | | |
| 6. | Details of Beneficiations: | | | | | | |
| | (a) Whether it is proposed to install beneficiation plant/Coal washery within the mining lease area | No | | | | | |
| | (b) Whether it is proposed to install crusher within the mining lease area | No | | | | | |
| 7. | Details of Seams: | | | | | | |
| | (a) Whether details of seam applicable | Yes | | | | | |
| | (b) No. of seams | 6 | | | | | |
| | (c) Thickness of seams to be worked on | 16.76 | | | | | |
| | (d) Maximum Thickness of Seams (metres) | Seam IA: 1.93, Seam I: 6.80, Seam II: 5.48, Seam IIIB: 3.33, Seam IIIA: 3.81, Seam III: 8.44 | | | | | |
| 8. | Details of Mining Lease: | | | | | | |
| | (a) Mining Lease Area (in Hectare) | 1604.11 | | | | | |
| | (b) Whether obtained Letter of Intent (LOI) from the state government ? | Yes | | | | | |
| | (i) Copy of Letter of Intent | <u>Copy of Letter of Intent</u> | | | | | |
| | (ii) Date of issue of LOI | 23 Oct 2019 | | | | | |
| | (iii) Validity of LOI | 20 | | | | | |
| | (iv) Reference No. of LOI | 1078/PR.A1/201 | | | | | |
| | (c) Whether Lease Deed Executed ? | Yes | | | | | |
| | (i) Copy of Executed Lease deed valid as on Date | <u>Copy of Executed Lease deed</u> | | | | | |
| | (ii) Provide area in Hectare as per executed lease deed (initial) document | 1434.64 | | | | | |
| | (iii) Validity of the lease deed | From : 27 Jun 2008 To : 02 Jun 2038 | | | | | |
| | (iv) Date of Execution of Mining Lease | 27 Jun 2008 | | | | | |
| | (v) Reference Number | GO.Ms.No.42 | | | | | |
| | (d) Whether Lease Deed Renewed ? | Yes | | | | | |
| 8.1. Earlier Renewals: | | | | | | | |
| S. No. | Lease Details | Date of Renewal | Period | Copy of Earlier Lease | Letter No. | Area | Remarks |
| (1.) | Initial | 01 Jan 1900 | From : 27 Jun 2008 To : 26 Jun 2038 | <u>Copy of Earlier Lease</u> | GO.Ms.No.42 (SRP ML for 938.85 ha) | 389.50 | Existing ML-1 |
| (2.) | Renewal | 12 Jan 2015 | From : 22 May 2010 To : 21 May 2030 | <u>Copy of Earlier Lease</u> | GO.Ms.No.01 (3rd renewal of NGML for 4494 ha) | 128.96 | Existing ML-3 |
| (3.) | Renewal | 23 Jan 2006 | From : 29 Jul 2000 To : 28 Jul 2020 | <u>Copy of Earlier Lease</u> | GO.Ms.No.15 (1st renewal Indaram ML for 2100 ha) | 228.15 | Existing ML 4 |
| (4.) | Initial | 01 Jan 1900 | From : 12 Mar 2008 To : 11 Mar 2033 | <u>Copy of Earlier Lease</u> | 279 (SRP Ext ML for 714.90 ha) | 688.03 | Existing ML-2 |
| (5.) | Initial | 01 Jan 1900 | From : 29 Jul 1980 To : 28 Jul 2000 | <u>Copy of Earlier Lease</u> | GO.Ms.No.438 (Initial ML of Indaram ML) | 228.15 | Earlier Lease (Initial ML of Indaram ML) |
| (6.) | Renewal | 28 May 2003 | From : 22 May 2000 To : 01 May 2010 | <u>Copy of Earlier Lease</u> | GO.Ms.No.158 (2nd 1st renewals and Initial NGML) | 128.96 | Earlier Lease (2nd 1st renewals and Initial ML of NGML) |
| 9. | OB (Over Burden) Management: | | | | | | |
| | (a) Details of External Dumps: | | | | | | |
| | (i) No. of OB Dumps | 1 | | | | | |
| | (ii) Total Area (in Hectare) | 518.72 | | | | | |
| | (iii) Height (in meter) | 90 | | | | | |

| | | | | | | | |
|--------|--|--|--------------------------|---------------------------|-----------------|------------------|----------------|
| | (iv)Quantity (in Million Cubic meter) | 233.36 | | | | | |
| | (v)No. of year back fill up | 4 | | | | | |
| | (b) Details of Internal Dumps: | | | | | | |
| | (i)No. of Internal Dumps | 1 | | | | | |
| | (ii)Total Area (in Hectare) | 286.68 | | | | | |
| | (iii)Height (in meter) | 90 | | | | | |
| | (iv)Quantity (in Million Cubic meter) | 503.67 | | | | | |
| 10. | Details of Topsoil Management: | | | | | | |
| | (a)Quantity of Topsoil excavated during the entire life of the mine (in Million Cubic metre) | 2.68 | | | | | |
| | (b)Quantity of Topsoil proposed for utilization for reclamation during the entire life of the mine (in Million Cubic metre) | 2.68 | | | | | |
| | (c)Quantity of Topsoil proposed for utilization for other activities during the entire life of the mine (in Million Cubic metre) | 0 | | | | | |
| 11. | Details of Final Mine Void: | | | | | | |
| | (a)Area (in Hectare) | 360.74 | | | | | |
| | (b)Depth (in meter) | 350 | | | | | |
| | (c)Volume (in Million Cubic meter) | 542.87 | | | | | |
| 12. | Details of Quarry: | | | | | | |
| | (a)Final Void of 360.74 (hectare) at a Depth of 350 meter which is Proposed to be Converted into a Water Body. | | | | | | |
| | (b)Total Quarry Area (ha) | 647.42 | | | | | |
| 13. | Details of Transportation: | | | | | | |
| | (a)In Pit/Underground to Surface | Belt Conveyor | | | | | |
| | (b)Surface to Siding/Loading | Belt Conveyor | | | | | |
| | (c)Transportation / Conveyor Details | Rail | | | | | |
| 14. | Details of Land Usage (Pre-Mining) | | | | | | |
| S. No. | LAND USE | Other LAND USE | WITHIN ML AREA (Hectare) | OUTSIDE ML AREA (Hectare) | TOTAL (Hectare) | | |
| (1.) | AGRICULTURE LAND | | 1161.05 | 0 | 1161.05 | | |
| (2.) | OTHERS(Specify) | Built Up Area 39.15 and Roads 5.24 | 44.39 | 0 | 44.39 | | |
| (3.) | SURFACE WATER BODIES | | 20.15 | 0 | 20.15 | | |
| (4.) | GRAZING LAND | | 60.23 | 0 | 60.23 | | |
| (5.) | SETTLEMENTS | | 0 | 0 | 0 | | |
| (6.) | FOREST LAND | | 276.38 | 0 | 276.38 | | |
| (7.) | WASTE LAND | | 41.91 | 0 | 41.91 | | |
| | TOTAL | | 1604.11 | 0 | 1604.11 | | |
| 15. | Details of Land Usage (Post-Mining) | | | | | | |
| S. No. | LAND USE | Other LAND USE | Plantation (ha) | Water Body (ha) | Public Use (ha) | Undisturbed (ha) | Total |
| (1.) | EXCAVATION/QUARRY | | 286.68 | 360.74 | 0 | | 647.42 |
| (2.) | ROADS | | 0 | 0 | 0 | | 0 |
| (3.) | EXTERNAL OB DUMPS | | 518.72 | 0 | 0 | | 518.72 |
| (4.) | GREEN BELT | Green Belt | 52 | 0 | 0 | | 52 |
| (5.) | INTERNAL OB DUMPS | | 0 | 0 | 0 | | 0 |
| (6.) | TOP SOIL STORAGE | | 25.63 | 0 | 0 | | 25.63 |
| (7.) | BUILT UP AREA (COLONY/OFFICE) | | 0 | 0 | 0 | | 0 |
| (8.) | Other | SZone 277.68 Road&Infra 13.23 Others 53.44 | 178.31 | 29.06 | 136.98 | | 344.35 |
| (9.) | VIRGIN AREA | Embankment | 15.99 | 0 | 0 | | 15.99 |
| | TOTAL | | 1077.33 | 389.8 | 136.98 | 0 | 1604.11 |
| 16. | Details of Reclamation: | | | | | | |
| | Total Afforestation Plan shall be Implemented Covering of Mining. | | | | | | |
| | This will Include: | | | | | | |
| | (a)External OB Dump(in hectare) | 518.72 | | | | | |

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| | | |
|--|---|---------|
| | (b) Internal Dump (in hectare) | 286.68 |
| | (c) Quarry (in hectare) | 0 |
| | (d) Safety Zone (in hectare) | 236.57 |
| | (e) Final Void of 360.74 (hectare) at a Depth of 350 meter which is Proposed to be Converted into a Water Body. | |
| | (f) Density of Tree Plantation per ha (in no.) | 2500 |
| | (g) Others in ha (such as Excavation Area along ML Boundary, along Roads and Infrastructure, Embankment Area and in Township Located Outside the Lease etc) | 35.36 |
| | (h) Total afforestation plant (in hectare) | 1077.33 |

| | | |
|-----|--|--|
| 17. | Status of progressive Mining Closure Plan: | |
| | Copy of Implementation of Various Activities as per Approved Progressive Mine Closure Plan | Copy of Implementation of Various Activities as per Approved Progressive Mine Closure Plan |
| | Any Deviation from the Approved Progressive Mine Closure Plan | 0 |
| | Total Area Excavated (in hectare) | 275.87 |
| | Total Area Backfilled after Excavation (in hectare) | 50.70 |
| | Total Area Reclaimed (in hectare) | 279.85 |

| 18. Details of Actual Coal/ ORE Production vis-a-vis Sanctioned Capacity since the Inception: | | | | | | |
|---|--|---|--------------------------------|---|-------------------|---|
| S. No. | Financial Year | Sanctioned Capacity as per EC (MTPA) | Sanctioned Capacity as per CTO | Sanctioned Capacity as per approved mining plan | Actual Production | Excess Production Beyond the EC / CTO/ Mining Plan Sanctioned Capacity (MTPA) |
| (1.) | 2009..10 | 2.50 | 2.50 | 2.50 | 1.255 | 0 |
| (2.) | 2018..19 | 2.50 | 2.50 | 2.50 | 2.403 | 0 |
| (3.) | 2014..15 | 2.50 | 2.50 | 2.50 | 2.441 | 0 |
| (4.) | 2016..17 | 2.50 | 2.50 | 2.50 | 2.004 | 0 |
| (5.) | 2010..11 | 2.50 | 2.50 | 2.50 | 1.714 | 0 |
| (6.) | 2011..12 | 2.50 | 2.50 | 2.50 | 2.457 | 0 |
| (7.) | 2012..13 | 2.50 | 2.50 | 2.50 | 1.909 | 0 |
| (8.) | 2013..14 | 2.50 | 2.50 | 2.50 | 1.084 | 0 |
| (9.) | 2015..16 | 2.50 | 2.50 | 2.50 | 2.500 | 0 |
| (10.) | 2020..21 | 2.50 | 2.50 | 2.50 | 1.683 | 0 |
| (11.) | 2017..18 | 2.50 | 2.50 | 2.50 | 2.077 | 0 |
| (12.) | 2019..2020 | 2.50 | 2.50 | 2.50 | 2.395 | 0 |
| S. No. | Item | Details | | | | |
| 36. | Details of Court Cases: | | | | | |
| | (a) Whether there is any Court Cases pending against the project and/or land in which the project is proposed to be set up ? | No | | | | |
| 37. | Details of Direction Issued under Environment (Protection) Act / Air (Prevention & Control of Pollution) Act / Water (Prevention & Control of Pollution) Act: | | | | | |
| | (a) Whether any Direction issued under EPA Act/Air Act/Water Act ? | No | | | | |
| 38. | Details of EIA Consultant: | | | | | |
| | (a) Have you hired Consultant for preparing document? | Yes | | | | |
| | (i) Accreditation No. | NABET/EIA/1922/RA0143 Dated 06.12.2019 | | | | |
| | (ii) Name of the EIA Consultant | EPTRI | | | | |
| | (iii) Address | 91/4 Gachibowli, Hyderabad, TS | | | | |
| | (iv) Mobile No. | 9885236493 | | | | |
| | (v) Landline No. | 0406756750 | | | | |
| | (vi) Email Id | dgeptri@gmail.com | | | | |
| | (vii) Category of Accreditation | A | | | | |
| | (viii) Sector of Accreditation | Coal Mining | | | | |
| | (ix) Validity of Accreditation | 29 May 2022 | | | | |
| | (x) Uploaded Certificate of Accreditation certified by QCI/NABET | Copy of Certificate of Accreditation | | | | |
| 39. | Documents to be Attached: | | | | | |
| | (a) Uploaded Copy of EIA/EMP Report | Copy of EIA/EMP Copy of EIA/EMP (Annexures) Copy of EIA/EMP (Plans/Figures) | | | | |
| | (b) Uploaded Copy of Risk Assessment Report | Copy of Risk Assessment | | | | |
| | (c) Uploaded Copy of Feasibility Report/ Detailed Project Report (DPR) / Detailed Engineering Report / Detailed Conceptual Plan / Approved Mining Plan | Copy of Feasibility Report/ Detailed Project Report (DPR) / Detailed Engineering Report / Detailed Conceptual Plan / Approved Mining Plan | | | | |

| | |
|---|--|
| Conceptual Plan /Approved Mining Plan | <u>Copy of Final Layout Plan</u> |
| (d)Uploaded Copy of Final Layout Plan | <u>Copy of Cover Letter</u> |
| (e)Uploaded Cover Letter | <u>Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency</u> |
| (f)Uploaded Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency | <u>Copy of Additional File</u> |
| (g)Uploaded Additional File | <u>Copy of Uploaded Proposal Presentation</u> |
| (h)Uploaded Proposal Presentation (To be given in EAC meeting) | |

| Essential Detail Sought: | | | |
|--------------------------|-------------------|--|-------------|
| Sno. | EDS Letter | Remarks | Date of EDS |
| 1. | NA | Please furnish the latest certified compliance report of existing EC as the same was inspected in the year 2019. Latest action taken report to be submitted alongwith. | 18 May 2021 |
| 2. | <u>Eds Letter</u> | Latest CCR along with status of compliance is uploaded as EDS reply. | 02 Nov 2021 |

Additional Detail Sought : NIL

Undertaking

I hereby give undertaking that the data and information given in the application and enclosures are true to be best of my knowledge and belief. And I am aware that if any part of the data and information 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. In addition to above, I hereby give undertaking that no activity/ construction/ expansion has since been taken up.

| | |
|--|--|
| Name of Applicant | Shri N. Balram B |
| Designation | Director (Planning & Projects) |
| Name of Company (Applicant Name should not be given here) | The Singareni Collieries Company Limited |
| Address | Kothagudem P.O - 507101 Khammam Dt |

Annexure-XXI

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby undertake the forest land will not be used for established for labour camps as stipulated in Condition No.B (xii) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. S. S. S.
General Manager,
Srirampur Area.

General Manager
SRIRAMPUR

Annexure-XXI

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby undertake to provide free supply of LPG to all its employees @12 cylinder per annum as stipulated in Condition No.B (xii) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. Srinivas
General Manager,
Srirampur Area.
General Manager
SRIRAMPUR



UTR: 181N825202204257
9931581

61,19,614.20
47.20
61,19,567.00

| | | | |
|------------------|--|-------|--|
| A/c No.: 1010572 | | IFSC | |
| P. NAVEEN | | SBI | |
| 15 APR 2022 | | 20910 | |
| Amount Transfer | | 20910 | |
| Initials | | SBI | |
| 000000112556368 | | SBI | |
| BK0008367 | | SBI | |

MANCHERIAL

CA PD ACCOUNT
OF FDO,

MANCHERIAL

KOTAK MAHINDRA
BANK,

Bank:

Branch:

Remittance on

Received from
By cheque / Transfer
For RTGS/NEFT

: The SCCo Ltd.

25.04.2022

STATE BANK OF INDIA, SRIRAMPUR



STATE BANK OF INDIA
SRIRAMPUR BRANCH (20910)
PH NO: 08736-234031. FAX NO: 08736-234751
Email [id-sbi.20910@sbi.co.in](mailto:sd-sbi.20910@sbi.co.in)

DATE:25-04-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that based on request of our customer the Singareni Collieries Company Limited, bearing account no:52160836068 Srirampur Area, Mancherial Dist. Telangana State has remitted Rs. 61,19,567/- to Forest Divisional Officer, Mancherial Account No: 0112556358, Kotak Mahindra Bank, Mancherial Branch IFSC Code :KKBK0008367

Rs 61,19,567/- UTR NO. SBINR52022042579931581

B. V. S. R.

BRANCH MANAGER



Annexure-XXIII

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking the forest land will not be transferred or sublet to any other agencies, department or person without prior approval of the Central Government as stipulated in Condition No.B (xiv) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. Srinivas
General Manager,
Srirampur Area.

General Manager
SRIRAMPUR

Annexure-XXIV

THE SINGARENI COLLIERIES COMPANY LIMITED

(A Government Company)

SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby submit an undertaking No damage to the flora & fauna in the adjacent forest area as stipulated in Condition No.B (xv) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. Srinivas
General Manager,
Srirampur Area.

General Manager
SRIRAMPUR

Annexure-XXV

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby submit an undertaking the layout of the proposed forest land will not be changed without the prior approval of the Central Government as stipulated in Condition No.B (xvi) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. Srinivas
General Manager,
Srirampur Area.

General Manager
SRIRAMPUR

STATE BANK OF INDIA, SRIRAMPUR

Date:

25.04.2022

Received from
By cheque /Transfer
For RTGS/NEFT

: The SCCo Ltd.

Remittance on

Bank:

KOTAK MAHINDRA
BANK,

Branch:

MANCHERIAL

Favouring:

CA PD ACCOUNT
OF FDO,
MANCHERIAL

A/c No.:

IFSC

| | | |
|---------------|---------|------------|
| Order No. | 1010572 | Dr. NAVEEN |
| Order No. | | |
| 15 APR 2022 | | |
| Amount (Rs.) | | |
| Charges (Rs.) | | |
| Total (Rs.) | | |

000000112556358

BK0008367

61,19,567.00

47.20

61,19,614.20

UTR: IBINR5202204257
9931581



STATE BANK OF INDIA
SRIRAMPUR BRANCH (20910)
PH NO: 08736-234031. FAX NO: 08736-234751
Email sd-sbi.20910@sbi.co.in

DATE:25-04-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that based on request of our customer the Singareni Collieries Company Limited, bearing account no:52160836068 Srirampur Area, Mancherla Dist. Telangana State has remitted Rs. 61,19,567/- to Forest Divisional Officer, Mancherla Account No: 0112556358, Kotak Mahindra Bank, Mancherla Branch IFSC Code :KKBK0008367

Rs 61,19,567/- UTR NO. SBINR52022042579931581

Bohary

BRANCH MANAGER



Annexure-XXVII

THE SINGARENI COLLIERIES COMPANY LIMITED

(A Government Company)

SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby submit an undertaking the mining activities will be done as per approved mining plan with due call for reclamation of the mine over area under the supervision and direction of forest department as stipulated in Condition No.B (xix) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. Srinivas
General Manager
Srirampur Area
SRIRAMPUR

Annexure-XXVIII

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking to annual self -compliance report in respect of the above stated conditions to the State Government, concerned Regional Office and to this Ministry by the end of March every year regularly as stipulated in Condition No.B (xx) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. S. S.
General Manager,
Srirampur Area.
General Manager
SRIRAMPUR

Annexure-XXIX**THE SINGARENI COLLIERIES COMPANY LIMITED**

(A Government Company)

SRIRAMPUR AREA**UNDERTAKING**

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking the provisions of the all Acts, Rules, Regulations, Guidelines, Hon'ble Court Order (s) and NGT Order (s) pertaining to this project as stipulated in Condition No. B (xxi) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. S. S. S.
General Manager
Srirampur Area
General Manager
SRIRAMPUR

THE
HANS INDIA**The Singareni Collieries Company Limited**

(A Government Company)

Regd. Office: KOTHAGUEDEM- 507101, Telangana.

PUBLIC NOTIFICATION

In principal stage-I approval for diversion of 162.45 Ha of forest land in Indaram RF, Mancherial District, Range of Mancherial, Forest Division in Mancherial District for Srirampur open cast-II expansion in project in Jaipur Mandal, Mancherial District in favour of M/s Singareni Collieries Company Limited has been accorded by the Ministry of Environment, Forest and Climate Change, Government of India, New Delhi vide F.No. 8-06/2021 FC, dated: 12.03.2021 and communicated vide PCCF RC No. 9917/2017/FCA-4 dated: 18.03.2021 for submitting the compliance on the stage-I, for further details, please visit ministry website <http://www.parvish.nic.in> against the proposal No.FP/TG/MIN/29918/2017.

Sd//-

General Manager, Srirampur Area,
SCCL, Telangana

R.O.No.2147-PP/CL-AGENCY/ADVT/1/2021-22

17/09/2021 WARANGAL Pg 02

the Hans India
Dt. 17-09-2021

1644563/2022/FCA SECTION-PCCE

మున్సిపల్ కార్పొరేషన్ కమిషనరీ ఆఫ్ పబ్లిక్ వర్క్స్, హైదరాబాద్

అనుమానాస్పద పరిశీలన

అనుమానాస్పద పరిశీలన

Table with 2 columns: Item No. and Amount. Lists various items and their corresponding amounts.

సంగతిలోని కాలరీస్ కంపెనీ లబ్ధి

తెలంగాణ ప్రభుత్వం

ప్రాంతానికి చెందిన రాజా అర్జునరావు పేరిట చేపట్టిన పనుల వివరాలు

అనుమానాస్పద గాయాల్స్

అనుమానాస్పద గాయాల్స్

అత్యవసరంగా

చేసే పనులకు

అనుమానాస్పద గాయాల్స్

అనుమానాస్పద గాయాల్స్

పోలీసులే చంపారు!

సమయంలో

అనుమానాస్పద గాయాల్స్

అనుమానాస్పద గాయాల్స్

సాక్షి

Annexure- XII**THE SINGARENI COLLIERIES COMPANY LIMITED**

(A Government Company)

SRIRAMPUR AREA**UNDERTAKING**

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby agreed for Co-terminus with mining lease as per the instructions of the State Government as stipulated in Condition No.B(ii) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. Srinivas
General Manager,
Srirampur Area.

General Manager
SRIRAMPUR

Annexure-XIII

THE SINGARENI COLLIERIES COMPANY LIMITED
(A Government Company)
SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.

SCCL hereby an undertaking in addition to CA, restoration of degraded notified forests in an area equivalent to the diverted forest area will be undertaken at the cost of the User Agency in between Mancherial and Jaipur, as is being done elsewhere in Telangana State. The restoration work shall start within 6 months of handing over of proposed forest land as stipulated in Condition No.B (iii) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S.M.A.
General Manager,
Srirampur Area

General Manager
SRIRAMPUR

Annexure-XIV

THE SINGARENI COLLIERIES COMPANY LIMITED

(A Government Company)

SRIRAMPUR AREA

UNDERTAKING

Diversion of 162.45 Ha. of Forest land in favour of Singareni Collieries Company Ltd.(SCCL) forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District for grant of Mining Lease for Srirampur Open Cast-II Expansion Project.




SCCL hereby an undertaking the State Forest Department With the Hon'ble Supreme Court order and re-grass the mining area and any other areas which may have been disturbed due to mining to restore them to a condition which is fit for growth of fodder, flora, fauna as stipulated in Condition No.B (iv) of stage-I clearance communicated vide MoEF &CC, GOI F.No.8-06/2019-FC dtd.12.03.2021.



S. S. S.
General Manager,
Srirampur Area

General Manager
SRIRAMPUR

SBINR52022042579939285

| AGENCY COPY | |
|--|---|
|    | |
| NEFT / RTGS CHALLAN for CAMPA Funds | |
| Date : 21-04-2022 | |
| Agency Name. | SINAGRENI COLLIERIES COMPANY LIMITED |
| Application No. | 5829918756 |
| MoEF/SG File No. | 8-06/2019-FC |
| Location. | Telangana |
| Address. | General Manager, SriRampur Area, SCCLAdilabad |
| Amount(In Rs) | 325682000/- |
| Amount In Words :Thirty-Two Crore Fifty-Six Lakh Eighty-Two Thousand Rupees Only | |
| NEFT/RTGS to be made as per following details; | |
| Beneficiary Name: | Telangana CAMPA |
| IFSC Code: | UBIN0903710 |
| Pay to Account No. | 155705829918756 Valid only for this challan amount. |
| Bank Name & Address: | Union Bank Of India Lodhi Complex Branch, Block 11, CGO Complex, Phase I, Lodhi Road, New Delhi -110003 |
| • This Challan is strictly to be used for making payment to CAMPA by NEFT/RTGS only | |

After making successful payment, User Agencies may
Email: helpdeskcompa@corpbank.co.in

Note: After making the required payment through challan
even after 7 working days, then kindly mail a copy of y
Email: cb0371@unionbankofindia.com



Print



STATE BANK OF INDIA

SRIRAMPUR BRANCH (20910)

PH NO: 08736-234031. FAX NO: 08736-234751

Email id-sbi.20910@sbi.co.in

DATE:25-04-2022**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that based on request of our customer the Singareni Collieries Company Limited, bearing account no:52160836068 Srirampur Area, Mancherla Dist. Telangana State has remitted through RTGS Rs. 32,56,82,000, to telangana state CAMPA account No:155705829918756, IFSC code:UBIN0903710 Union Bank Of India, Lodhi Complex Branch, Block 11, CGO Complex, Phase 1, Lodhi Road, New Delhi-110003.

Rs 32,56,82,000/- UTR NO: SBINR52022042579939285

BRANCH MANAGER



1644563/2022/FCA SECTION-PCCF

ANR 2.9 Ha without watch and ward

| 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | |
|---------|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| Advance | 635826 | | | | | | | | | | |
| raising | 346669 | | | | | | | | | | |
| 1st | 113729 | 125101.9 | | | | | | | | | |
| 2nd | 84097 | 92506.7 | 101757.4 | | | | | | | | |
| 3rd | 13340 | 14674 | 16141.4 | 17755.54 | | | | | | | |
| 4th | 25874 | 28461.4 | 31307.54 | 34438.29 | 37882.12 | | | | | | |
| 5th | 17991 | 19790.1 | 21769.11 | 23946.02 | 26340.62 | 28974.69 | | | | | |
| 6th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| 7th | 25874 | 28461.4 | 31307.54 | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | | | |
| 8th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 9th | 25874 | 28461.4 | 31307.54 | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | 55463.22 | 61009.54 | |
| 10th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1405397 |

ANR 2.9 Ha without watch and ward

| 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | |
|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|
| Advance | 699408.6 | | | | | | | | | | |
| raising | 381335.9 | | | | | | | | | | |
| 1st | 125101.9 | 137612.1 | | | | | | | | | |
| 2nd | 92506.7 | 101757.4 | 111933.1 | | | | | | | | |
| 3rd | 14674 | 16141.4 | 17755.54 | 19531.09 | | | | | | | |
| 4th | 28461.4 | 31307.54 | 34438.29 | 37882.12 | 41670.34 | | | | | | |
| 5th | 19790.1 | 21769.11 | 23946.02 | 26340.62 | 28974.69 | 31872.15 | | | | | |
| 6th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| 7th | 28461.4 | 31307.54 | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | 55463.22 | | | |
| 8th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |
| 9th | 28461.4 | 31307.54 | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | 55463.22 | 61009.54 | 67110.49 | |
| 10th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1545937 |



S. S. M.
General Manager
SRIRAMPUR

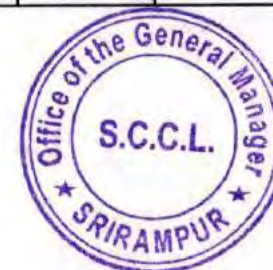
1644563/2022/FCA SECTION-PCCF

ANR 2.9 Ha without watch and ward

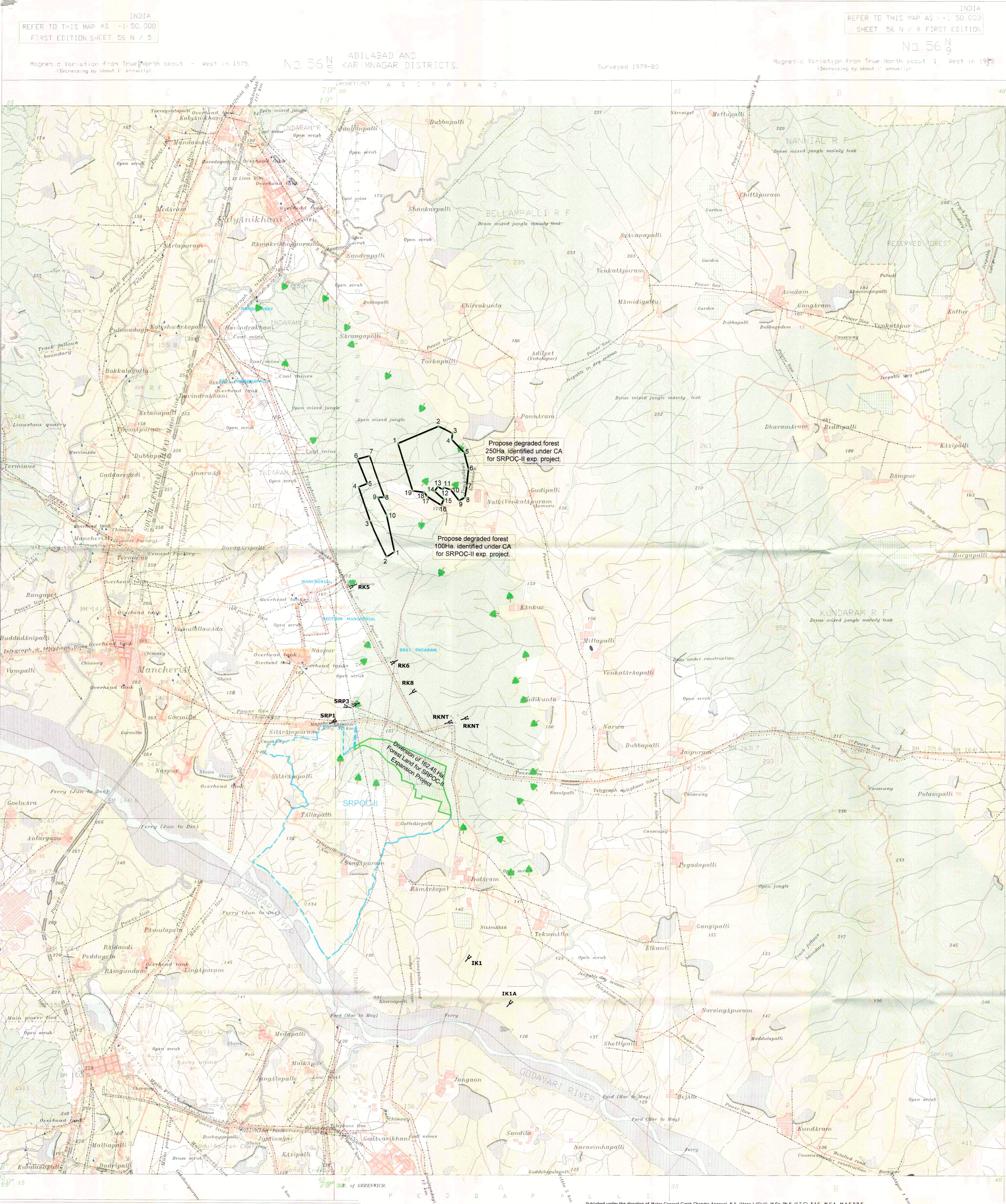
| | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | |
|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|---------|
| Advance | 769349.5 | | | | | | | | | | | |
| raising | 419469.5 | | | | | | | | | | | |
| 1st | 137612.1 | 151373.3 | | | | | | | | | | |
| 2nd | 101757.4 | 111933.1 | 123126.4 | | | | | | | | | |
| 3rd | 16141.4 | 17755.54 | 19531.09 | 21484.2 | | | | | | | | |
| 4th | 31307.54 | 34438.29 | 37882.12 | 41670.34 | 45837.37 | | | | | | | |
| 5th | 21769.11 | 23946.02 | 26340.62 | 28974.69 | 31872.15 | 35059.37 | | | | | | |
| 6th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 7th | 31307.54 | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | 55463.22 | 61009.54 | | | | |
| 8th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 9th | 31307.54 | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | 55463.22 | 61009.54 | 67110.49 | 73821.54 | | |
| 10th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1700531 |

ANR 2.9 Ha without watch and ward

| | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | |
|---------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------|------|---------|
| Advance | 846284.4 | | | | | | | | | | | |
| raising | 461416.4 | | | | | | | | | | | |
| 1st | 151373.3 | 166510.6 | | | | | | | | | | |
| 2nd | 111933.1 | 123126.4 | 135439.1 | | | | | | | | | |
| 3rd | 17755.54 | 19531.09 | 21484.2 | 23632.62 | | | | | | | | |
| 4th | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | | | | | | | |
| 5th | 23946.02 | 26340.62 | 28974.69 | 31872.15 | 35059.37 | 38565.31 | | | | | | |
| 6th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 7th | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | 55463.22 | 61009.54 | 67110.49 | | | | |
| 8th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | |
| 9th | 34438.29 | 37882.12 | 41670.34 | 45837.37 | 50421.11 | 55463.22 | 61009.54 | 67110.49 | 73821.54 | 81203.7 | | |
| 10th | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1870584 |



Selva
General Manager
SRIRAMPUR



Co-ordinates of De - Graded Forest Land
100 Ha. in Comp . 691, 693 & 698
for SRP OCP-II exp. project

| Sl.No. | Latitude | Longitude |
|--------|-------------|-------------|
| 1 | 18.89676111 | 79.51320278 |
| 2 | 18.89548611 | 79.51121111 |
| 3 | 18.90400000 | 79.50703889 |
| 4 | 18.91194167 | 79.50415000 |
| 5 | 18.91273611 | 79.50632778 |
| 6 | 18.91837778 | 79.50386111 |
| 7 | 18.91912778 | 79.50688056 |
| 8 | 18.90955556 | 79.51064722 |
| 9 | 18.90951944 | 79.50902500 |
| 10 | 18.90530556 | 79.51122778 |

De- Graded Forest Land 250 Ha. in
Comp. no. 687, 688, 689 & 690
for SRP OCP exp. Project

| Sl. No. | Latitude | Longitude |
|---------|-------------|-------------|
| 1 | 18.92201944 | 79.51400000 |
| 2 | 18.92605278 | 79.52407222 |
| 3 | 18.92447222 | 79.52751111 |
| 4 | 18.92305000 | 79.52735278 |
| 5 | 18.92006944 | 79.53041667 |
| 6 | 18.91621389 | 79.53149722 |
| 7 | 18.91233056 | 79.53108333 |
| 8 | 18.90953889 | 79.53061667 |
| 9 | 18.90879722 | 79.52916111 |
| 10 | 18.91138056 | 79.52706944 |
| 11 | 18.91181111 | 79.52549444 |
| 12 | 18.91140556 | 79.52513611 |
| 13 | 18.91205278 | 79.52393333 |
| 14 | 18.91098889 | 79.52316389 |
| 15 | 18.90904444 | 79.52545556 |
| 16 | 18.90773056 | 79.52476667 |
| 17 | 18.90977222 | 79.52127500 |
| 18 | 18.91070000 | 79.52058333 |
| 19 | 18.91107778 | 79.51769444 |

| INDEX | |
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| R.F BOUNDARY | - |
| 100 Ha. & 250 Ha. | - |
| CA LAND BOUNDARY | - |

PRINTED AT THE 104 (HBD) PRINTING GROUP OF SURVEY OF INDIA.

Towns or Villages: inhabited, deserted, Fort, ...
Hubs: permanent, temporary, Tower, Antiquities, ...
Temples, Chattr, Church, Mosque, Idgah, Tomb, Graves, ...
Lighthouse, Lightship, Beacon, Signal, Lighthouse, ...
Mine, Vine on trellis, Grass, Scrub, ...
Palms, palm trees, other, Plantain, Cane, Bamboo, Other trees, ...
Boundary, International, ...
state demarcated, undemarcated, ...
district, sub-division, taluk, or taluk, forest, ...
Boundary pillars: surveyed, uncoloured; village junction, ...
Heights, triangulated, station point, approximate, ...
Bench-mark, geodetic, tertiary, canal, ...
Post office, Telegraph office, Combined office, Police station, ...
Bungalows, dka or travellers, inspection, Rest-house, ...
Circuit house, Camping ground, Forest: reserved, protected, ...
Spaced names: administrative, locality or tribal, ...

REG. NO. 8235 - 101 D' 82 (W.C. 58 - 1:33,333) - 6722/84 3446 '97.

Rivers, metalled: according to importance; distance stone, ...
unmetalled: do, do, ...
Cart-track, Pack-track and pass, Foot-path with bridge, ...
Bridges: with pier, without, Causeway, Foot or Ferry, ...
Streams: with track in bed, underlined, Canal, ...
Dams: masonry or rock-filled; earthwork, Weir, ...
River banks: shelving, steep, 3 to 6 metres; over 6 metres, ...
dry with water channel; with sand and rocks, Total river, ...
Silted-up river, Shallow, Swamp, Reeds, ...
Wells: lined, unlined, Tube-well, Spring, Tanks: perennial, dry, ...
Embankments: road or rail tank, Broken ground, ...
Railways, broad gauge; double, single with station; under construction, ...
other gauges: do, do, with distance stone; do, ...
Mineral line or tramway, Telegraph line, Cutting with tunnel, ...
Contours with sub-features, Rocky slopes: cliffs, ...
Sand features (Hills, (2) sand-hills and dunes (surveyed), (3) shifting dunes (2)

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| 64 8 | 64 10 |
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Published in the direction of Major General Girish Chandra Agarwal, B.E. (Hons.) (Civil), M.Sc. Ph.E. (I.T.C.), F.I.S., M.C.A., M.A.S.P.R.S. 1982.

Surveyor General of India,

500 m to 1 cm
1:50,000

Heights & Contours in Metres
Contour Interval 20 Metres

Water features are shown in blue where they generally contain water.
Cultivated areas are coloured yellow.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.
The triangulated heights and contours in this sheet have not been adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.
The district boundary between Adilabad and Karimnagar, in the centre of Godavari River is conventional and not demarcated.
Tanks, shown dry, in this area usually contain water from July to December.

THIS PART OF TOPO SHEET IS PRINTED FROM THE DIGITAL DATA SUPPLIED BY SURVEY OF INDIA ON CLEARANCE FROM MINISTRY OF DEFENCE VIDE OFFICE MEMORANDUM No. 17(14) 2005/D (GS-II) Dt.09-08-2005.

GENERAL MANAGER (SRIRAMPUR)
THE S.C.Co.Ltd.

SENIOR OFFICER
SRIRAMPUR AREA

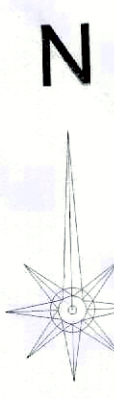
AREA SURVEY OFFICER
SRIRAMPUR AREA

General Manager
SRIRAMPUR


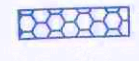


THE S C Co., Ltd.
(A GOVERNMENT COMPANY)
SRIRAMPUR AREA

PART TOPO PLAN SHOWING THE PROPOSED
DEGRADED FOREST LAND 350HA. IDENTIFIED
UNDER CA LAND FOR SRPOC-II EXP. PROJECT

R.F. = 1: 50,000

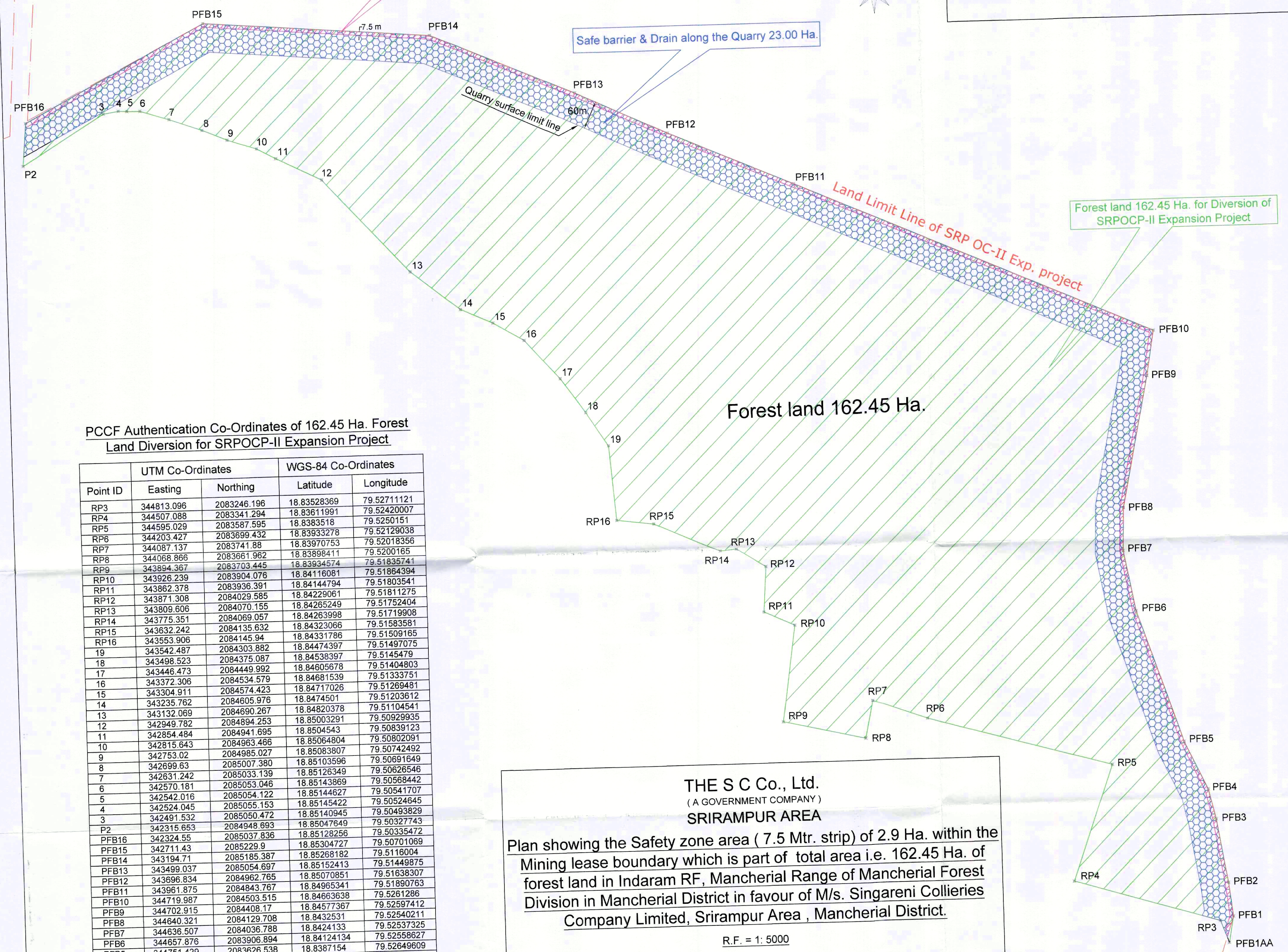


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1. Proposed Diversion of forest land 162.45 Ha. shown thus: 
2. Safe barrier & drain along the quarry 23.00Ha. shown thus: 
3. Safety Zone Area 2.9 Ha. (3933m X 7.50m) shown thus: 
4. Land limit line of SRPOC-II Exp. project shown thus: 

SAFETY ZONE AREA (3933m X 7.5m) 2.9 Ha.

Safe barrier & Drain along the Quarry 23.00 Ha.



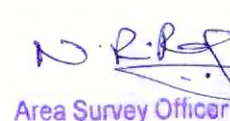
PCCF Authentication Co-Ordinates of 162.45 Ha. Forest Land Diversion for SRPOCP-II Expansion Project

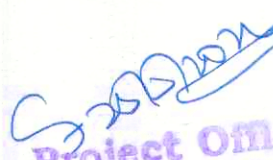
| Point ID | UTM Co-Ordinates | | WGS-84 Co-Ordinates | |
|----------|------------------|-------------|---------------------|-------------|
| | Easting | Northing | Latitude | Longitude |
| RP3 | 344813.096 | 2083246.196 | 18.83528369 | 79.52711121 |
| RP4 | 344507.088 | 2083341.294 | 18.83611991 | 79.52420007 |
| RP5 | 344595.029 | 2083587.595 | 18.8383518 | 79.5250151 |
| RP6 | 344203.427 | 2083699.432 | 18.83933278 | 79.52129038 |
| RP7 | 344087.137 | 2083741.88 | 18.83970753 | 79.52018356 |
| RP8 | 344068.866 | 2083661.962 | 18.83898411 | 79.5200165 |
| RP9 | 343894.367 | 2083703.445 | 18.83934574 | 79.51835741 |
| RP10 | 343926.239 | 2083904.076 | 18.84116081 | 79.51864394 |
| RP11 | 343862.378 | 2083936.391 | 18.84144794 | 79.51803541 |
| RP12 | 343871.308 | 2084029.585 | 18.84229061 | 79.51811275 |
| RP13 | 343809.606 | 2084070.155 | 18.84265249 | 79.51752404 |
| RP14 | 343775.351 | 2084069.057 | 18.84263998 | 79.51719908 |
| RP15 | 343632.242 | 2084135.632 | 18.84323066 | 79.51583581 |
| RP16 | 343553.906 | 2084145.94 | 18.84331786 | 79.51509165 |
| 19 | 343542.487 | 2084303.882 | 18.84474397 | 79.51497075 |
| 18 | 343498.523 | 2084375.087 | 18.84538397 | 79.5145479 |
| 17 | 343446.473 | 2084449.992 | 18.84605678 | 79.51404803 |
| 16 | 343372.306 | 2084534.579 | 18.84681539 | 79.51333751 |
| 15 | 343304.911 | 2084574.423 | 18.84717026 | 79.51269481 |
| 14 | 343235.762 | 2084605.976 | 18.8474501 | 79.51203612 |
| 13 | 343132.069 | 2084690.267 | 18.84820378 | 79.51104541 |
| 12 | 342949.782 | 2084894.253 | 18.85003291 | 79.50929935 |
| 11 | 342854.484 | 2084941.695 | 18.8504543 | 79.50839123 |
| 10 | 342815.643 | 2084963.466 | 18.85064804 | 79.50802091 |
| 9 | 342753.02 | 2084985.027 | 18.85083807 | 79.50742492 |
| 8 | 342699.63 | 2085007.380 | 18.85103596 | 79.50691649 |
| 7 | 342631.242 | 2085033.139 | 18.85126349 | 79.50626546 |
| 6 | 342570.181 | 2085053.046 | 18.85143869 | 79.50568442 |
| 5 | 342542.016 | 2085054.122 | 18.85144627 | 79.50541707 |
| 4 | 342524.045 | 2085055.153 | 18.85145422 | 79.50524645 |
| 3 | 342491.532 | 2085050.472 | 18.85140945 | 79.50493829 |
| P2 | 342315.653 | 2084948.693 | 18.85047649 | 79.50327743 |
| PFB16 | 342324.55 | 2085037.836 | 18.85128256 | 79.50335472 |
| PFB15 | 342711.43 | 2085229.9 | 18.85304727 | 79.50701069 |
| PFB14 | 343194.71 | 2085185.387 | 18.85268182 | 79.5116004 |
| PFB13 | 343499.037 | 2085054.697 | 18.85152413 | 79.51449875 |
| PFB12 | 343696.834 | 2084962.765 | 18.85070851 | 79.51638307 |
| PFB11 | 343961.875 | 2084843.767 | 18.84965341 | 79.51890763 |
| PFB10 | 344719.987 | 2084503.515 | 18.84663638 | 79.5261286 |
| PFB9 | 344702.915 | 2084408.17 | 18.84577367 | 79.52597412 |
| PFB8 | 344640.321 | 2084129.708 | 18.8432531 | 79.52540211 |
| PFB7 | 344636.507 | 2084036.788 | 18.8424133 | 79.52537325 |
| PFB6 | 344657.876 | 2083906.894 | 18.84124134 | 79.52558627 |
| PFB5 | 344751.429 | 2083626.538 | 18.8387154 | 79.52649609 |
| PFB4 | 344798.229 | 2083525.599 | 18.83780694 | 79.52709113 |
| PFB3 | 344812.754 | 2083459.967 | 18.83721505 | 79.52709113 |
| PFB2 | 344833.371 | 2083326.265 | 18.83600862 | 79.52729729 |
| PFB1 | 344840.932 | 2083254.439 | 18.83536026 | 79.52737469 |
| PFB1AA | 344830.088 | 2083189.667 | 18.83477424 | 79.5272769 |

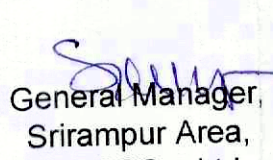
THE S C Co., Ltd.
(A GOVERNMENT COMPANY)
SRIRAMPUR AREA

Plan showing the Safety zone area (7.5 Mtr. strip) of 2.9 Ha. within the Mining lease boundary which is part of total area i.e. 162.45 Ha. of forest land in Indaram RF, Mancherial Range of Mancherial Forest Division in Mancherial District in favour of M/s. Singareni Collieries Company Limited, Srirampur Area , Mancherial District.

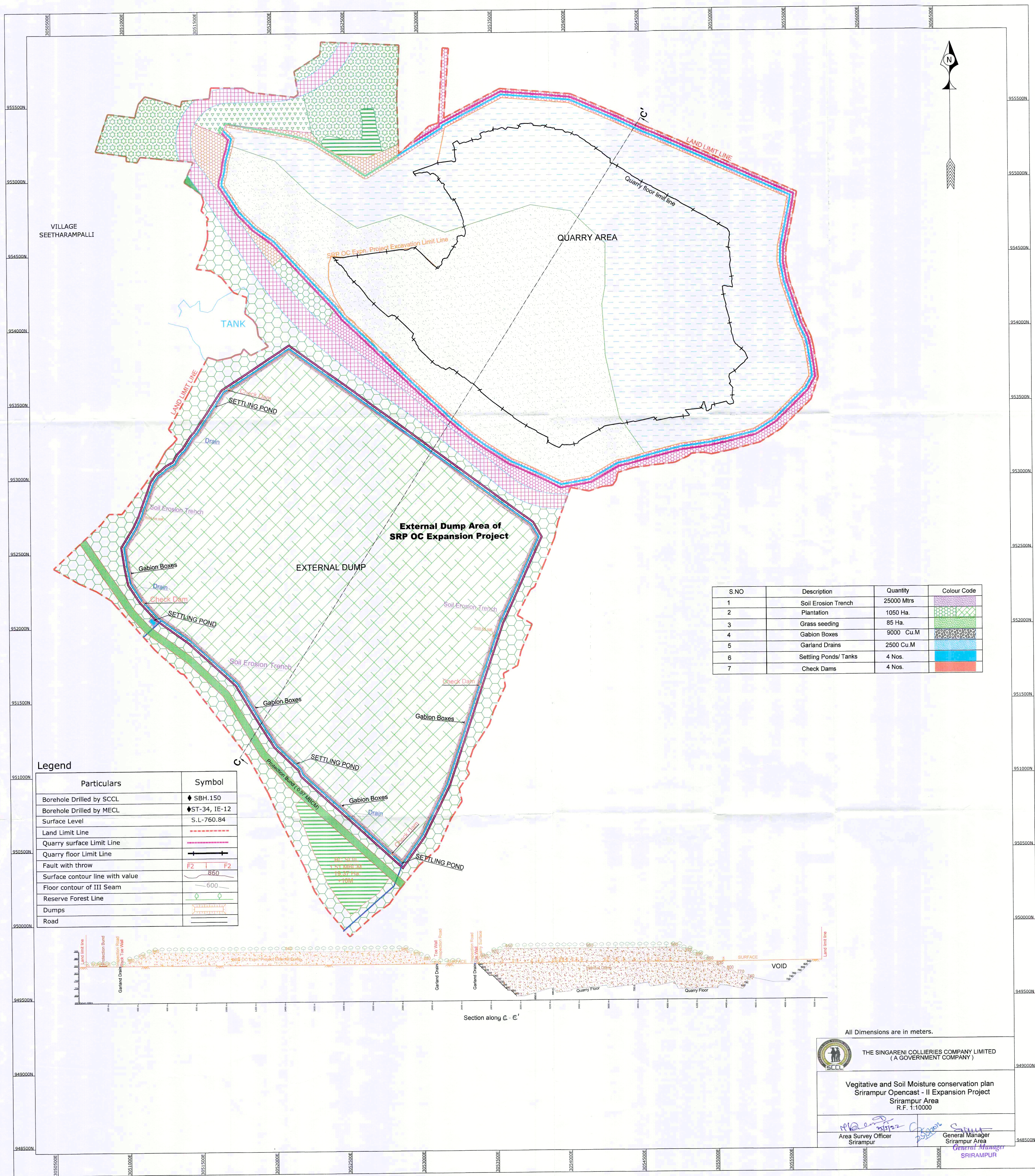
R.F. = 1: 5000


Area Survey Officer
SRIRAMPUR AREA


Project Officer
SRP-OC


General Manager,
Srirampur Area,
The SCCo. Ltd.

General Manager
SRIRAMPUR



VILLAGE
SEETHARAMPALLI

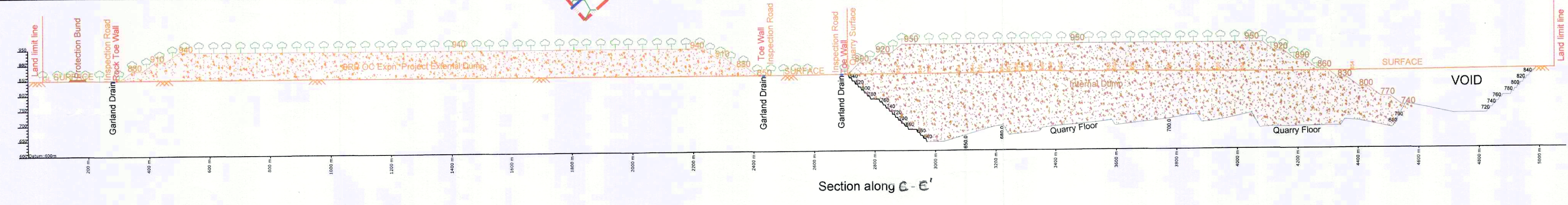
QUARRY AREA

External Dump Area of
SRP OC Expansion Project

EXTERNAL DUMP

| Particulars | Symbol |
|---------------------------------|----------------|
| Borehole Drilled by SCCL | ◆ SBH.150 |
| Borehole Drilled by MECL | ◆ ST-34, IE-12 |
| Surface Level | S.L.-760.84 |
| Land Limit Line | ----- |
| Quarry surface Limit Line | ----- |
| Quarry floor Limit Line | ----- |
| Fault with throw | F2 1 F2 |
| Surface contour line with value | 850 |
| Floor contour of III Seam | 600 |
| Reserve Forest Line | ----- |
| Dumps | ----- |
| Road | ----- |

| S.NO | Description | Quantity | Colour Code |
|------|-----------------------|------------|-------------|
| 1 | Soil Erosion Trench | 25000 Mtrs | |
| 2 | Plantation | 1050 Ha. | |
| 3 | Grass seeding | 85 Ha. | |
| 4 | Gabion Boxes | 9000 Cu.M | |
| 5 | Garland Drains | 2500 Cu.M | |
| 6 | Settling Ponds/ Tanks | 4 Nos. | |
| 7 | Check Dams | 4 Nos. | |



All Dimensions are in meters.

THE SINGARENI COLLIERIES COMPANY LIMITED
(A GOVERNMENT COMPANY)

Vegitative and Soil Moisture conservation plan
Srirampur Opencast - II Expansion Project
Srirampur Area
R.F. 1:10000

Area Survey Officer
Srirampur

General Manager
Srirampur Area
General Manager
SRIRAMPUR