



0191-2474553/0194-2490602

Ministry of Environment, Forest & Climate Change
J&K ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
(at) DEPARTMENT OF ECOLOGY, ENVIRONMENT AND REMOTE SENSING
S.D.A. Colony, Bemina, Srinagar-190018 (May-Oct)/ Paryavaran Bhawan, Transport Nagar, Gladni, Jammu-180006 (Nov-Apr)
Email: jkseiaa@gmail.com, website:www.parivesh.nic.in



Mr. Sandeep Singh,
S/O Mr. Sukhvinder Singh,
R/O Khandwal, Jammu.

Subject:- *Grant of Environment Clearance in favour of M/S SANDEEP SINGH, S/o Sukhvinder Singh R/O Khandwal, Jammu. for River Bed Mining Minor Mineral Block No.49 Area 1.36 Ha, AIK Nallah downstream Arnia Bridge, Tehsil Arnia District Jammu. Proposal No.SIA/JK/MIN/165406/2020*

Reference:-i) Minutes of the Meeting of JKEAC held on 26th August, 2020
ii) Minutes of the Meeting of JKEIAA held on 3rd September, 2020

Kindly refer your application received in this office on 13.08.2020 for grant of Environment Clearance in favour of Mr. Sandeep Singh, S/O Mr. Sukhvinder Singh, R/O Khandwal, Jammu under Proposal No.SIA/JK/MIN/165406/2020 for River Bed Mining Minor Mineral Block No. 49 Area 1.36 Ha, AKI Nallah downstream Arnia, Bridge, Tehsil Arnia District Jammu.

The above quoted case was discussed in the meetings of JK Expert Appraisal Committee held on 26th August, 2020 & in the meeting of JK Environment Impact Assessment Authority meeting held on 3rd September, 2020.

The aforesaid project pertains to minor mineral Block No. 49 has been e-auctioned by the Geology & Mining Department. The mining lease area is 1.36 ha. falling under B2 category. The total project cost is 20.0 lacs. The Letter of intent has been issued by the Geology & Mining Department vide No. 494/MCC/DGM/LOI//J/20/476-82 dated 25/05/2020. Further, the mining plan has been approved vide letter No. DGM/DDS(MS)/MPJAMMU/222-23 dated 23/06/2020 with a targeted production of 59478.15 MT PA.

The geographical coordinates of the project site are as under:

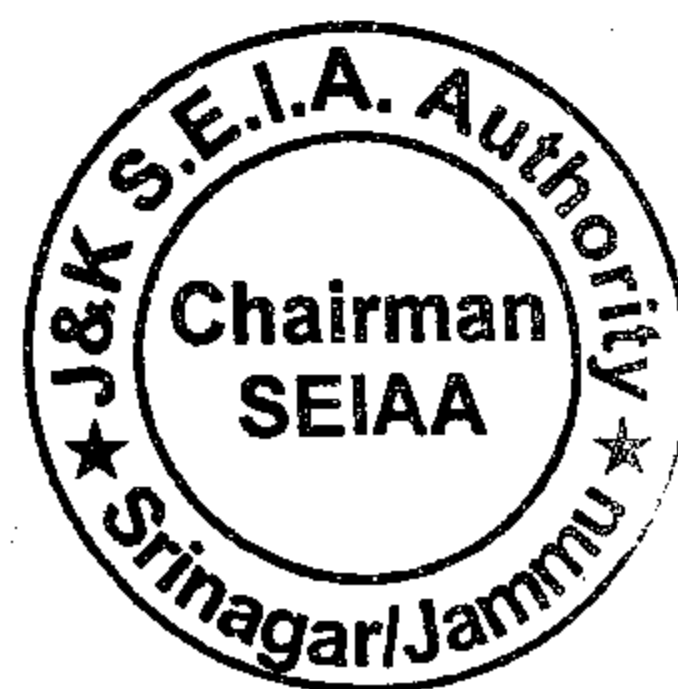
Pillar	Northing	Easting
A	32° 31' 50.23''	74 ° 47' 28.56''
B	32° 31' 46.91''	74 ° 47' 31.31''
C	32° 31' 45.06''	74 ° 47' 30.58''
D	32° 31' 40.43''	74 ° 47' 34.88''
E	32° 31' 38.95''	74 ° 47' 34.22''
F	32° 31' 47.11''	74 ° 47' 27.99''
G	32° 31' 49.48''	74 ° 47' 27.44''



The JKEIAA in its meeting held on 3rd September, 2020 decided to uphold the recommendations of the Committee and agreed to accord Environmental clearance in favour of Mr. Sandeep Singh, S/O Mr. Sukhvinder Singh, R/O Khandwal, Jammu under Proposal No.SIA/JK/MIN/165406/2020 for River Bed Mining Minor Mineral Block No. 49 Area 1.36 Ha, AKI Nallah downstream Arnia, Bridge, Tehsil Arnia District Jammu, under Environment Impact Assessment Notification dated 14th September, 2006 as amended from time to time subject to the fulfilment of following specific and General Conditions as stipulated by the Committee in the Minutes of the Meeting held on 26th August, 2020:-

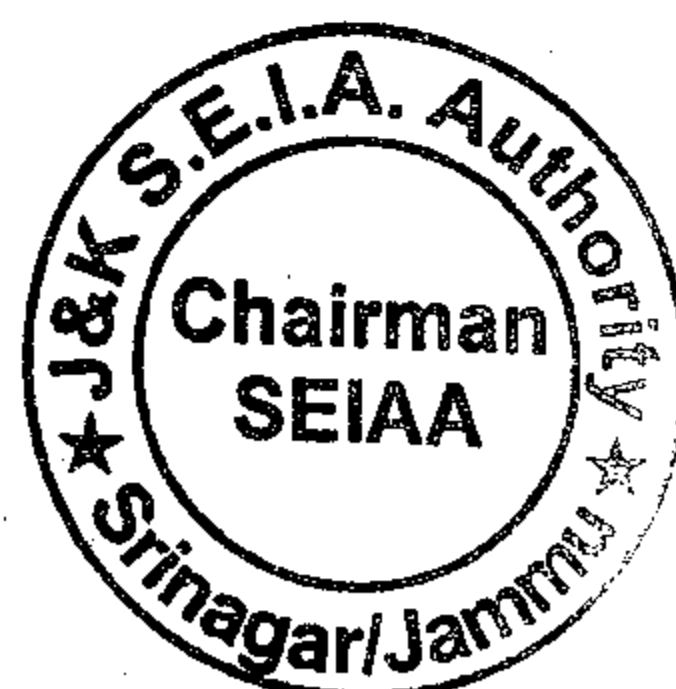
SPECIFIC CONDITIONS:

1. This Environmental Clearance is granted subject to final outcome of any litigation pending before Hon'ble Supreme Court of India, Hon'ble High Court of Jammu & Kashmir, Hon'ble NGT, or any other Court of Law, if any, as may be applicable to this project.
2. This Environmental Clearance is without prejudice to the standing instructions /orders from the competent authorities in the MoEF&CC, GoI and the UT of J&K w.r.t river bed mining activity.
3. The Project proponent shall obtain Consent to Operate from the J&K Pollution Control Board/Committee and effectively implement all the conditions stipulated therein.
4. The EC is subject to the condition that no other mining block stands allotted within 500 mts of the project site and that it does not form a cluster with any other mining block forming total size above 5ha.
5. The EC is subject to condition that all the pages of the approved Mining Plan shall be got duly authenticated by the Geology & Mining Department and copy in original deposited each in the office of JKEIAA and JKEAC for record and reference.
6. The project proponent should submit a revised Environmental Management Plan and revised CER Plan for an amount of Rs 5.00 lacs and 3.50 lacs respectively against each project before grant of formal EC and utilize same in consultation with local panchayat and through field officers of stake holder departments.
7. In the first year, excavation shall not be carried out beyond a maximum depth of 1.00 meter from the surface of the river bed or upto 1 meter above the ground water level whichever is less. However, after the period of expiry of one complete year from the date of mining activity is executed on ground, an inspection committee of the Geology & Mining Department shall certify that the mined out mineral has been replenished and mining has not caused or will not cause any damage to the local ecology if the mining depth is increased to 1.5 mts against 2.5 metres recommended in the approved mining plan, thereafter, the project proponent can be allowed to go upto a depth of 1.5 mts or upto 1 meter above the ground water level whichever is less subject to the condition that annual



inspection and subsequent certifications shall be undertaken by the Geology & Mining Department under intimation to regulatory authorities including JKEIAA. Accordingly, the production shall not exceed $(13600 \times 1 \times 1.86) = 25,296$ MT for the first year. This can be revised as the replenishment studies data of the area is made known and submitted to JKEIA.

8. The project proponent shall submit a surface plan of the mining block area with measurements to the JKEAC for record and reference before grant of EC. Its specifications /measurements be made public by a display board at the mining site.
9. The District Mineral Officer shall monitor the replenishment of the mined-out areas, traffic management, levels of production, river bank erosion, exit point of the site and instruct the Project proponent for initiating measures for mitigating environmental concerns.
10. The Project proponent shall ensure that the roads leading to the site and the river banks do not get damaged due to transportation of the mined out mineral and transportation of minerals will be as per IRC guidelines w.r.t axle load specified for the road.
11. The mineral transportation shall be only through covered trucks and vehicles carrying the minerals will not be overloaded.
12. Water sprinkling of the roads leading to the mining site should be done adequately.
13. The project proponent shall take all precautionary measures during mining operations for conservation and protection of endangered fauna and flora in the area.
14. The project proponent must ensure that the biological clock of the villagers in the vicinity of the project is not disturbed by night operations and all measures must be taken for keeping the noise levels within prescribed levels.
15. Transportation of minerals passing through villages shall not be allowed. A bypass road/s leaving a gap of 200 m shall be constructed if link road passes through villages.
16. Provision shall be kept for housing of the labour force, toilets, facilities for cooking, safe water, health care, crèche etc. for the labour force.
17. A final Mine closure Plan along with details of Corpus fund shall be communicated to the MoEF&CC in advance for approval.
18. The PP shall submit annual replenishment report certified by Geology & Mining Department. In case the replenishment is lower than the projected rate of production, then the mining activity/ production levels shall be decreased / stopped forthwith.
19. No blasting operations shall be allowed.
20. Mining shall be done manually minimally supported by semi-mechanized methods.
21. The top soil in case of surface land mining shall be temporarily stored at an appropriate site and concurrently used for land reclamation.



22. The EC holder shall keep proper account of the quantity of mineral mined out, despatched from the mine, mode of transport, registration No. of the vehicle.
23. Permanent pillars with depth of 1.5 m below ground and 1.2 m above ground should be installed at all vertices of the mineral Block marking its limits exhibiting geocoordinates, Mineral Block No., Village Name, Lease Area and other details leaving 15% of river width from bank untouched. A prominent sign board shall also be installed indicating the details of Mineral block like Area, length, breadth, coordinates, depth etc.
24. Spring sources if any should not be disturbed during the mining operations.
25. The Project proponent shall appoint an occupational health specialist for the treatment of mine workers and their regular health check-up.
26. CSR activities as applicable to the project shall be undertaken by the Project Proponent in a systematic manner after conducting door to door survey to ascertain the needs of neighbourhood, in consultation with the local panchayat and the report shall be submitted to the MoEF&CC and its Regional Office at Chandigarh on six monthly basis.
27. The mining operations shall be undertaken in a systematic manner so that it does not damage the aesthetic view of the area.
28. Restoration of the flora effected by mining operations should be done immediately and at least 50 trees of indigenous species per hectare should be planted and maintained by the EC holder along the banks of the river adjacent to the Mining area.
29. Protection of turtle, bird habitat, fish habitat and other aquatic life shall be maintained by providing requisite corridors across the Mining area along the gradient.
30. Adequate steps should be taken to check soil erosion and engineering structures shall be raised near the bank wherever required.
31. No overhangs shall be allowed to be formed due to mining operations and mining shall not be allowed where subsidence of rocks is likely to occur due to steep slope.
32. Site clearance and tidiness shall be maintained to have minimum visual impact due to mining. Dumping of waste shall be as per prescriptions in the approved mining plan.
33. Mining shall not be allowed where there is danger to flood protection works and places of cultural, religious and historical significance.
34. No stacking of material shall be allowed along the banks and roadside.
35. An amount of Rs 3.50 lacs per annum shall be spent by the project proponent under Corporate Environment Responsibility (CER).
36. An amount of Rs 5.0 lacs shall be spent by the PP under Environment Management Plan. The funds earmarked for EMP/CER/CSR shall be kept in a separate account and utilized in consultation with the local panchayat through the local filed functionaries of the concerned govt. departments.
37. An amount of Rs 2.40 lacs per annum shall be earmarked by the project proponent under CSR to be spent on Occupational health and COVID-19

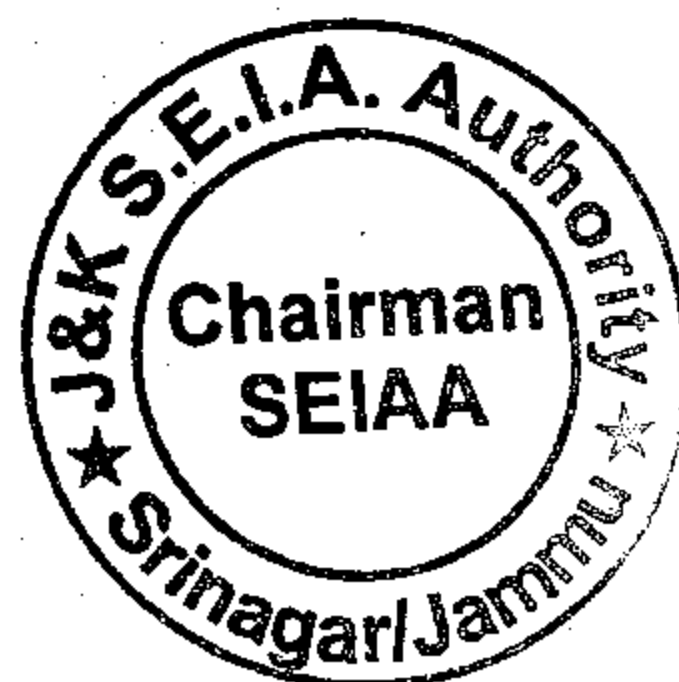


response system in the nearby villages in consultation with local panchayat. The workers should be provided with PPEs. The plan worked out and expenditure made under Occupational Health should be undertaken in consultation with the Local Health Institution/PHC/Sub-Centre for utilization for the health and welfare of the local workers involved in mining activity and villagers living in the close vicinity. Regular Medical checkups and free medicines shall be provided under the fund. The funds earmarked under Occupational Health care shall be transferred to the CMO concerned in advance before grant of lease in favour of the project proponent.

38. All the provisions made and restrictions imposed as covered in the Minor Mineral Rules, shall be complied with, particularly regarding Environment Management Practices and its fund management.
39. The genuine concerns of the local people translated through local Panchayat shall be addressed during the mining operations.
40. The labourers should be engaged from nearby villages.
41. All the orders from Hon'ble Courts of competent jurisdiction and authorities representing various government departments having stakes shall be complied with during the mining operations.
42. The recommendations made in the District Survey Report on sustainable mining practices if any shall be complied.
43. Mining activity shall not be allowed in rainy season.
44. The Geology & Mining Dept. shall study the replenishment of the dugout pits and document it for updating the District survey report.
45. No stream should be diverted for the purpose of sand mining. No natural water course and/ or water resources are obstructed due to mining operations.
46. The EC holder shall keep a correct account of quantity of mineral mined out, dispatched from the mine, mode of transport, registration number of vehicles, person in-charge of vehicle and mine plan. This should be produced before officers concerned for inspection.
47. The access to mining site should be controlled in a way that vehicles carrying mineral from that area are tracked and accounted for in accordance with standing guidelines issued by the Govt.
48. The Geology & Mining Department should use technology like Bar Coding, Information and Communications Technology (ICT), Web based and ICT enabled services, mobile SMS App etc. to account for weight of mineral being taken out of the plot and the number of trucks moving out with the mineral.
49. Noise arising out of mining and processing shall be abated and controlled at source to keep within permissible limit. Measures should be taken to control noise levels below 85 dBA in the work environment. Workers should be provided with ear plugs.
50. Restricted working hours. Sand mining operation has to be carried out between 6 am to 7 pm.



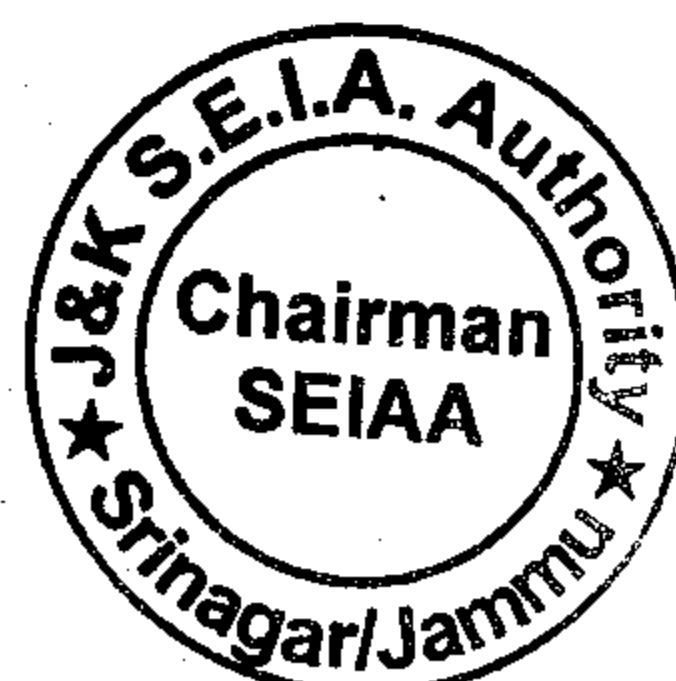
51. CMO, exhaust emission or fumes during mining and processing phase should be controlled and kept in permissible limits specified under environmental laws.
52. Overloading of trucks and trolleys will be avoided.
53. Haul road will be kept wide, compact and water spraying will be done.
54. Waste generated will be collected on regular basis and will be disposed as per the Municipal Solid Waste Management (Management & Handling) Rule 2000 and its subsequent amendments.
55. Bins shall have to be provided at site for collection of solid waste.
56. No felling of tree near quarry is allowed.
57. There should be controlled clearance of riparian vegetation to be undertaken
58. Rubbish burial shall not be done in the Rivers.
59. Vehicles used for transportation of sand are to be permitted only with fitness and PUC Certificates.
60. Junction at take-off point of approach road with main road be properly developed with proper width and geometry required for safe movement of traffic by concession holder at his own cost.
61. Project Proponent shall ensure that the road may not be damaged due to transportation of the mineral and transport of minerals will be as per IRC relevant guidelines, if any, in this regard.
62. Health and safety of workers should be taken care of. They should also be provided training in safety and health care aspects.
63. Adequate facility for drinking water and toilets should be provided for the workers.
64. Transport of mineral will not be done through villages / habitations.
65. Deep drilled handpump with sufficient funding provision should be earmarked for providing drinking facility to the labour force and accordingly it should be reflected in the revised EMP.
66. Recommendations of National Institute for Labour for ensuring good occupational environment for mine workers would also be adopted.
67. The PP shall be responsible for enforcement of COVID-19 standard operating procedures and guidelines with respect to safety of workers involved in the mining activity.
68. The EC holder shall obtain an estimate from the concerned DFO, Social Forestry Division for planting 1000 saplings of indigenous species in the nearby wastelands for which the funds required for planting and its maintenance for 2 years shall be transferred to the DFO, Social Forestry concerned in advance prior to grant of formal lease, for utilization to protect local biodiversity in the area. Accordingly, the PP shall revise the Environment Management Plan in consultation with concerned DFO Social Forestry Dept.
69. As per MOEF&CC guidelines, river bedsand mining shall be restricted within the central 3/4th width of the river/rivulet or 7.5m(inward) from river banks but upto 10% of the width of the river. The project proponent shall restrict mining within the above parameters.



70. The approach road/other village roads used for mining should be maintained regularly and at the end of mining period, such roads should be restored to the original position by the project proponent. Further the axle road on these roads should not exceed the prescribed axle road as per IRC. Geology & Mining Department should ensure to these instructions in all cases.

GENERAL CONDITIONS:

1. The mere grant of EC shall not confer any right upon the project proponent to grant of lease unless all other statutory clearances are obtained prior to grant of lease in accordance with Acts and Rules in vogue.
2. The EC holder shall take all measures for protection of Environment and control of Pollution.
3. Any change in mining methodology shall be allowed only with prior approval of the MoEF&CC.
4. Before granting the lease, the Geology & Mining Department shall certify that no mining lease is in operation within 500 mts upstream and downstream from the mining block.
5. The grant of EC does not imply approval of the Govt. required under any other provision of law applicable in the UT of J&K.
6. There should be no change in the calendar plan and excavation and quantity of minerals.
7. Regular monitoring of the ground water to be carried out at upstream and depth of water in the dug-up areas to be measured and recorded twice a year.
8. Monitoring of the ambient Air quality be carried out as per Notification of 2009 as amended from time to time by the CPCB. Water sprinkling to be undertaken at the loading, unloading and transfer points.
9. Regular monitoring of the ground water and its quality shall be carried out in four seasons of the year viz. pre-Monsoon, Monsoon, Post monsoon and winter and the data so collected be sent to the MoEF&CC and the Central Ground water Board.
10. The critical parameters of the Air and water shall be monitored within the impact zone of the Mine area particularly in the nearby habitations. The standing instructions issued from time to time by the MoEF&CC and available on its website at www.moef.nic.in shall be referred in this regard for compliance.
11. Personnel working in dusty areas should wear protective respiratory devices and they should also be provided training in safety and health care aspects.
12. Funds earmarked for environmental protection should be kept in separate account and should not be diverted for other purposes. Year-wise expenditure statement should be submitted to the MoEF&CC and its Regional Office at Chandigarh.
13. The Regional Office of the MoEF&CC shall monitor compliance of the conditions of this EC.



14. The EC holder shall submit half yearly compliance reports w.r.t compliance of EC conditions to the MoEF&CC at its office Chandigarh, Central Ground Water Board and the JK Pollution Control Board/Committee.
15. The copy of the EC shall be endorsed to the local Panchayat and all stake holder departments.
16. The JK Pollution Control Board/ Committee shall display the EC at its Regional office, District Industries Centre, Collectors office/ Tehsildar Office for 30 days.
17. The Project Proponent shall advertise, within 7 days of the date of issue of the EC, in two local dailies that the project has been granted EC and the copy of EC is uploaded on the MoEF&CC website at parivesh.nic.in. and copy of same should be endorsed to the Regional Office of the MoEF&CC at Chandigarh for information and necessary action.
18. The MoEF&CC may alter/ modify or stipulate any other condition before, during the operations of the mine if it is found to be in the interest of environmental protection.
19. Concealing of any information/data of submission of wrong/fabricated information by the Project Proponent and failure to comply with any of the above conditions may lead to with drawl of the EC and attract action under the provisions of EP Act, 1986.
20. This environmental Clearance shall be valid for a period of three years only and the validity shall be reviewed in the light of updated District Survey Report, based on replenishment surveys, provided an application for such extension is filed by the EC holder at least one month before such expiry, as per the procedure.
21. An appeal against the EC shall lie with the Hon'ble NGT, if preferred within 30 days as prescribed under Section 16 of the NGT Act, 2010.

Sd/-
Lal Chand, IFS (Rtd)
CHAIRMAN, S.E.I.A.A.

No:JKEIAA/2020/227/748-59
Copy to the:-

Dated: 12-09-2020

1. Commissioner/Secretary to Govt., Industries & Commerce Department, J&K Govt., Civil Secretariat, for favour of information.
2. Commissioner/Secretary to Government, Forest Ecology & Environment Department, J&K Government Civil Secretariat, for favour of information.
3. Chairman, J&K Pollution Control Board, Jammu. With the request to direct the concerned officials to properly monitor the Environment clearance conditions and monitoring report thereof, may be submitted to this office quarterly.
4. Addl. Pr. Chief Conservator of Forests (Central) Ministry of Environment Forest & Climate Change, Government of India Bay No.24-25 31-A Dakshan Mark Chandigarh-160030 for favour of information.
5. Secretary, JK Expert Appraisal Committee, Srinagar for information.



6. Deputy Commissioner, Jammu. With the request for giving requisite publicity as per procedure & to monitor the compliance of E.C. conditions. In case the E.C. conditions and Pollution control measures are not implemented/installed by the project proponent; the unit may be closed forthwith.
7. Chief Engineer, Irrigation and Flood Control Jammu for information.
8. Divisional Forest Officer (DFO) Jammu for information
9. Director, Geology & Mining Department, J&K Government, for information & necessary action.
10. Director Fisheries Department Jammu for information.
11. Website(s).

Neelu Gera
12/9/2020

Dr. Neelu Gera, IFS
Pr.CCF/Director, EE&RS
Member-Secretary, JKEIAA

