

13.4.10 DISASTER MANAGEMENT AND RISK ASSESSMENT :-

Preliminary Risk assessment is based on the philosophy that "Prevention is better than cure". Mining operations may be carried to the utmost safety but there is always some element of danger or risk in it. No disaster is envisaged. Only minor accidents may take place. No perennial source of surface water is present. Blasting in one body has been proposed. The mining operations will be carried out under supervision of statutory personnel's as per provisions of MCR 1960, MCDR 1988, Mines Rules 1955, Mines Act 1952 & strictly following safety aspects as per MMR 1961 monitored by Directorate General of Mines safety.

The applied area does not come under active seismic zone. Land slide, subsidence is not expected in view of opencast mining. No river is near the applied area and hence flood is not expected. Since opencast mining has been proposed, problems related with underground mines are not applicable. In case of eventuality, first aid will be given by the competent authority initially to the injured person. The competent person / Mines manager or Mining engg. Will give notice of accident as per Rule-23 of Mines Act-1952. The persons / competent authorities named above will be responsible for co-ordinations between management and Distt. authorities / DGMS etc. Regarding general safety as per Rule-181 of MMR 1961, "No person shall negligently or will fully do anything likely to endanger life or limb in the mine, or negligently or will fully omit to do anything necessary for the safety of the mine or of the persons employed there in". The workers will be provided with protective foot wear and safety helmets.

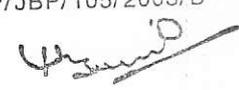
DISASTER MANAGEMENT CELL:-

In order to avert any danger to the mine site at the end of life of mine a disaster management cell headed by local authority Distt. Collector. will be constituted. Police deptt., health authorities, including doctor, ambulances and so on will have a vital part to play following a disaster along with the mine management, and they will be an integral part of the disaster management plan.

13.4.11 CARE & MAINTENANCE DURING TEMPORARY DISCONTINUANCE:-

If the mine will be discontinued temporarily for more than 120 days, notice will be given 30 days before the date of such discontinuance to the concerned authorities. During discontinuance period safety arrangement and fencing will be provided to avoid the entry of unauthorized persons and accessibility to the mine from the surface The mine will be properly guarded by employing security guards.

For : Balram Singh Associates (P) Ltd.
RQP/JBP/105/2003/B


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13.5.0 ECONOMIC REPERCUSSIONS OF CLOSURE OF MINE AND MANPOWER

RETRENCHMENTS :-

Manpower retrenchment, compensation to be given, socioeconomic repercussions and remedial measures consequent to the closure of mines is described, specifically stating the following.

- 1. Number of local residents employed in the mine, status of the continuation family occupation and scope of joining the occupation back.**

About 25 persons will be getting direct employment and 25 persons will get indirect employment in this mine. The man power will be mostly skilled. There is no scope of joining the occupation back in light of above.

- 2. Compensation given or to be given to the employees connecting with sustenance of himself and their family members.**

No manpower retrenchment is expected in progressive mine closure plan period or in near future. On the other hand employment will be given to local people. After final closure of mine compensation will be given as per labour laws. However the manpower will be adequately trained and made skilled that they will get employment alternatively

- 3. Satellite occupations connected to the mining industry number of persons engaged therein – continuance of such business after mine closes.**

Small shops of mechanics, tools, equipments and tyre shop etc are the other satellite occupation connected to the mining industry. About 25 local residents as operators, skilled & semiskilled labours will be employed on average for 250 days in a year. In case of closure of mine they will continue with such business as there are many other mines located in the near vicinity. After final closure and retirement the workers may join their old household business.

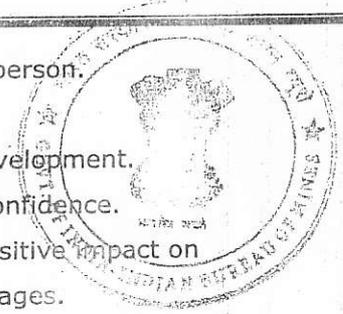
- 4. Continued engagement of employees in the rehabilitated status of mining lease area and any other remnant activities.**

No closure of mine as mentioned about is expected during next five years. No rehabilitation has been proposed. The employees may be employed thereafter as security guard for safety & security purpose, pump operators and mechanics etc. depending upon the demand in the locality.

- 5. Envisaged repercussions on the expectation of the society around due to closure of mine.**

No man power retrenchment will be done during the ensuing Progressive mine closure plan period. No socio-economic repercussions are envisaged as such. On the other hand due to employment given to local residents, socio-economic awareness & upliftment will take place. Also the poverty will reduce. In order to avoid any strike, lockout or dissatisfaction amongst workers up to the end of life of mine, following measures will be taken during the PMCP period.

- (i) Priority during employment will be given to local person.
- (ii) Corporate Social responsibility will be borne.
- (iii) Adequate fund will be provided for community development.
- (iv) The local people and panchayat will be taken in confidence.
- (v) Mining will be done with the vision of leaving a positive impact on socio-economics of people living in the nearby villages.
- (vi) A first-aid centre to meet the basic medical needs of employees will be provided.



13.6.0 Time scheduling for Reclamation & Rehabilitation :-

The projected time scheduling of major activity related to mining, closure , reclamation & rehabilitation has been given in table next page.

13.7.0 Reclamation & Rehabilitation Cost :-

The cost envisaged based on the activities required for implementing the protective and rehabilitation measures including their maintenance and monitoring is given in table next page.

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