

The PR has been formulated to win coal by Surface Miner/Pay loader/Dumper & OB by Shovel Dumper combination. Both Winning of coal & OB removal will be done by departmental HEMM. Coal from face will be loaded to reclaim feeder to discharge into inpit conveyor that will be convey coal to pit top. From pit top; coal will be transported to upcoming Batura Railway Siding by surface belt conveyor to dispatch coal by by rapid loading system to rail. Sometimes with favorable geo-mining conditions and improved productivity of the HEMM, the project may produce coal upto 1.40 times of the planned capacity. So, EMP should be prepared for 5.60 Mty, accordingly approval from the Competent Authority is to be sought.

The flexibility in the implementation stage may be exercised within the approved cost estimates to respond to improvements in technology and equipment which would result in improved profitability and productivity measures. Following points may be considered under the flexibility: -

- a) Re-alignment of project boundaries for better working layout / dump etc.
- b) Change in the specification of HEMM to higher capacity at the time of procurement of new equipment or replacement of the equipment.
- c) To procure state-of-the-art safety equipment, whenever they are introduced, even if the same is not provided in approved Project Report.
- d) Relocation of site for infrastructure facilities depending upon techno-economic reasons and availability of land / forest area etc.
- e) Hiring of equipment for loading, transportation etc., at a competitive price, so as to cater to the needs of increased demand of coal and subsequent removal of higher OB and for augmentation of coal production.
- f) For up gradation of new technology in mining method for improving performance and reduction in manpower, at a subsequent date after project completion.