

Annexure 2: Special Conditions of Contract

1. General

These Special Conditions of Contract delete, amend or add to the clauses in the General Conditions of Contract. In the event of an inconsistency, these Special Conditions of Contract shall supersede or take precedence over the General Conditions of Contract to the extent of that inconsistency.

2. Background

- 2.1. As part of the 5T initiative, OMC is currently planning to introduce an exclusive and comprehensive solutions for Logistics Management along with Command-and-Control Center. These solutions are expected to streamline and track various activities related to sales and production across the various mines of the organization.
- 2.2. The system shall replace most of the existing manual processes/activities through a digital workflow mechanism.
- 2.3. Logistics Management System will encompass device agnostic web-application to capture operations, a command control center to monitor mining activities and robust location specific IT infrastructure.
- 2.4. OMC expects the Logistics Management System to be developed/configured the available product and customized as per requirement of OMC for sales evacuation & production shifting and ensure smooth implementation with the best practices of application development.

3. Project Objectives

One of the key objectives of LMS & CCC project is to develop robust ICT infrastructure that supports digital applications and ensures seamless steady operations of applications for LMS & CCC to achieve the following:

- a. **Real time tracking and monitoring** from mineral production to despatch processes
- b. **Better access control to authorized vehicle** only inside the mines, stockyard and parking area
- c. **Faster throughput for optimal weighbridge utilization**
- d. **Improved safety standards** within stockyard and adjoining premises

4. Overview of LMS

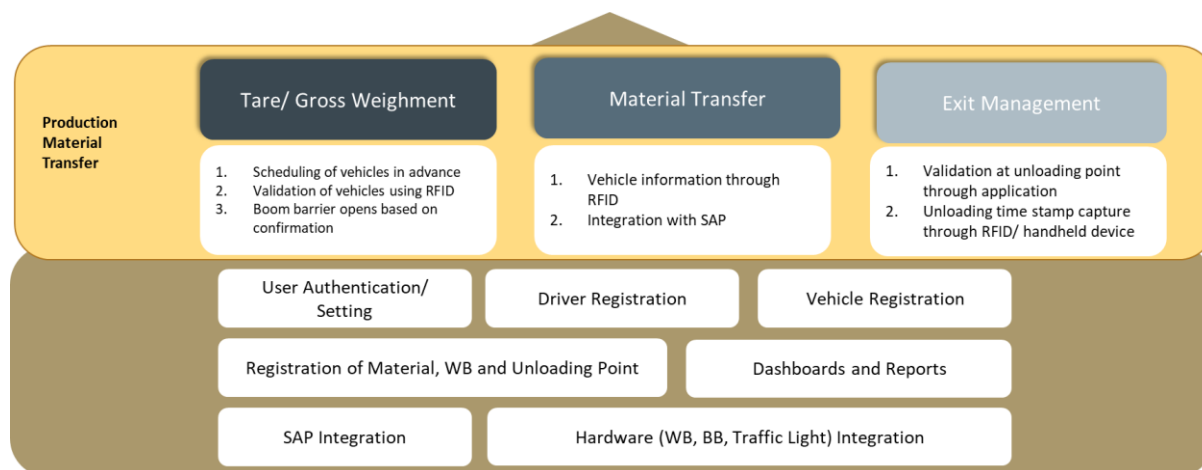
Logistics Management System (LMS) is expected to be application (standalone/ web based), which will be used to manage Sales, Transportation and Production activities at various mines of OMC. Software will manage daily IN/Out activity with proper validation before allowing vehicle for any activity, weigh bridge operation, to capture detailed vehicle movement data, keep track of daily sales data, daily production data etc. Further it will help corporation to get detailed live report instantly for further analysis.

OMC is planning to install different servers at different locations of mines to manage its daily activity. Each mine has these important elements/ locations:

- Entry and Exit Gate
- Tare and Gross weighment at Sales weighbridges
- Tare and Gross weighment at Production weighbridges
- Stock yard
- Parking yard

LMS shall be implemented for both Production and Sales of Ore Produced and dispatched.

Functional Modules (s/w) of LMS Project – Production



Functional Modules (s/w) of LMS Project – Sales



5. Overview of Command Control Centre (CCC)

In addition to LMS, there shall be location specific Command Control Center (CCC) which will have the following

- Video Management System for 24X7 CCTV Surveillance
- Public Address System
- Emergency Call Boxes
- Network Equipment Monitoring
- Speed Violation Detection Mechanism
- Incident Management Mechanism
- Alert Mechanism

6. Scope of work, service requirements including technical parameters

6.1. Location for Implementation of LMS & CCC

LMS and CCC has to be implemented at 13 (thirteen) of the operating mines of OMC. The location details of these mines are as follows:

S No.	Location	Regional Office	District
1	Kurmitar	Koira	Sundergarh
2	Guali	Barbil	Keonjhar
3	Jilling	Barbil	Keonjhar
4	Apahatu	Barbil	Keonjhar
5	Dubuna	Barbil	Keonjhar