

### 3.3 PERFORMANCE REQUIREMENT

The application server, communication server, entire network of control centre and FIUs should have capacity to handle data for following infrastructure.

1. 55 Stations
2. 110 Simultaneous trains.
3. 40,000 Indications.
4. 8,000 Remote commands pertaining to signal/points/route operation.
5. 3000 data inputs related to individual train time table.
6. 40 Nodes on network in central control.
7. TDS indication includes: -

SR	OBJECT	NO. OF IND.	DETAILS OF INDICATIONS
1	Main SIGNAL	4	R, Y, YY & G
2	Shunt signal	2	On & OFF
3	POINT	2	NORMAL & REVERSE
4	TRACK	2	CLEAR & OCCUPIED
5	ROUTE	2	SET & RELEASED
6	LC GATE	2	CLOSED & OPEN
7	AUXILIARY SIGNALS like A marker, Calling ON, G/AG marker	2	ON & OFF
8	REMOTE CONTROL	2	REMOTE & LOCAL
9	TRAIN ID	1	6 DIGIT FOR INDICATION & 8 DIGIT FOR DATA
10	Failure of points, signal lamps etc.		Flashing Indications