

SPECIAL TERMS & CONDITIONS

- 1) Work shall be done as per BHEL / CPWD specification with latest correction slips.
- 2) In case of any discrepancy, the order of precedence in interpretation shall be as under: -
 - (i) BHEL specification & terms of contract
 - (ii) CPWD latest Civil specifications Vol-I & Vol-II
 - (iii) Indian Road Congress (IRC)
 - (iv) Indian Standard codes
 - (v) Standard Engineering practice

3). BITUMEN WORK

- i) The bituminous road work shall be carried out by using **bitumen of grade VG30**.
- ii) Bituminous Macadam & Semi-dense bituminous macadam using crushed stone aggregates of specified grading premixed with bituminous binder, transported to site by tippers, laid over a previously prepared surface with paver finisher equipped with electronic sensor to the required grade, level and alignment and rolling with smooth wheeled, vibratory and tandem rollers as per specifications to achieve the desired compaction and density, complete as per specifications.
- iii) For Bituminous Macadam, 50 mm average compacted thickness with bitumen of grade VG-30 @3.50% (percentage by weight of total mix) prepared in drum type Hot Mix Plant of 60-90 TPH capacity.
- iv) For Semi-dense Bituminous Macadam, 25 mm average compacted thickness with bitumen of grade VG-30 @ 5% (percentage by weight of total mix) and lime filler @ 2% (percentage by weight of aggregate) prepared in drum type Hot Mix Plant of 60-90 TPH capacity.
- v). The camber should be properly maintained on the road surface in the transverse direction to drain the rain water from the road surface.