

shown on the drawings straight and at right angles ; and in the interpretation of the drawings and schedules, and of this Specification, it shall be distinctly understood that all works or materials necessary to the due and workmanlike completion of every erection are to be provided, whether specially described or not.

CONTRACTOR TO PROVIDE LABOUR, PLANT, AND MATERIALS.

4. The Contractor is to provide all labour, tools, implements, plant, and materials, and is well and substantially to construct and complete the Railway in accordance with the plans and specifications, and to deliver the same complete, and is to maintain and keep the said Railway, and all works connected therewith, in perfect order and repair for the space of three months from the delivery of the same to the Government. Contractor to provide labour, &c.

The said Railway shall be made in accordance with this Specification, and with the plans and sections herein referred to, or with such modifications of the plans and sections as the Engineer shall order, provided such modifications shall not increase the cost of the work.

FENCING.

5. Four miles of the line are to be fenced on one side ; and wherever present fences are disturbed or interfered with, they are to be made good at the expense of the Contractor. At all crossings of roads, and other places where cattle stops are used, fences are to be completed across the line up to the cattle stops. Fencing.

The description of fencing used shall be that described in special fencing specifications, as Qualities Nos. 2 and 3.

EARTHWORKS.

6. All flax, scrub, rushes, or Maori-heads growing on the line of the Railway, shall be cut down to the full width between the outside of the slopes. Clearing scrub, &c.

No public or private road that crosses or intersects the Railway or works thereof, shall be obstructed by excavation or otherwise, until the Contractors shall have provided such temporary roads as may be necessary for the traffic. Roads not to be obstructed.

The cuttings are to have a base at formation level of 10 feet in rock, 11 feet in loose rock, and 13 feet elsewhere, and are to be made in accordance with plan and section attached ; but should the Engineer require any of the cuttings or banks to be made with different slopes from those shown on Drawing No. 9, the difference in cost shall be added to or deducted from the contract sum. Such alteration to be ordered in writing. Cuttings.

A drain is to be cut along the bottom of slopes of cuttings, except in rock ; this drain to average 5 cubic feet per lineal yard. Catchwater drains are to be dug above the top of one slope of cuttings, at a distance of from a quarter of a chain to a chain from the top of slopes ; these ditches are to average 5 cubic feet per lineal yard, and are to be true and regular to the inclinations directed ; no stumps or roots to be left in them. Drains.

The embankments must be carried forward uniformly of the proper shape, with such an addition to the heights and widths as a due allowance for the shrinking of the material requires, so as to avoid as far as practicable the necessity for making subsequent additions either to the heights or widths of the embankments, to bring them to the correct levels and dimensions. Embankments.

Whenever the foundation of an embankment is on sloping ground, the Contractor, if required, must at his own expense cut steps and benches under the base of the embankment.

The top of embankment at formation level is to be 10 feet wide ; the slopes to be trimmed off to an inclination of one and a half horizontal to one vertical, and to be maintained full and true until the completion of the contract.

The Contractors shall, unless otherwise directed by the Engineer, take care not in any way to interfere with or divert the existing drainage areas, and shall leave such stops or stanks in the side cuttings, and take such other precautions, as the Engineer shall think necessary for that purpose.