23 E.—7.

# SPECIFICATION FOR WORK TO BE DONE AND MATERIALS TO BE USED IN ERECTING A COAL STORE.

### SITE AND DESCRIPTION.

The building shall be erected at the Province of

Station, on the

Railway, in

### EXTENT OF CONTRACT.

The contract comprehends the following works, viz.,—The supply of sufficient approved materials for the filling, which shall be properly laid, and spread to the length, width, and several depths requisite, to level and pun the same to a smooth, compact, and hard surface for the reception of the floor within the store, and the pitching and metal of road approach without; the proper laying of the pitching, and spreading the metal upon the made approach; the erection of the building and platform complete in every respect. To perform all work necessary to impart a neat and workmanlike appearance when finished, and thus generally to complete the contract to the full intent and meaning of the drawings and this Specification. The whole of the work to be executed to the entire satisfaction of the Engineer who may be appointed to supervise it, within of the date of acceptance of the tender.

## EXCAVATOR.

Excavate for piles of foundation to a depth of at least two feet below formation level. When the piles are in place, fill in and well ram round them with clay. Should the site of these works be in cutting, the contractor shall in that case excavate the ground for the road approach and building site down to the lines and levels shown in drawing, but no further; he shall also give a price per cubic yard for such other excavation as the locality may require.

#### CARPENTER.

There shall be 10 piles, carrying the ground plates, 9 in. x 9 in. if square, or they shall have 81 square inches of cross section if not square. Ground plates, 6 in. x 3 in.; wall plates, 6 in. x 3 in.; angle studs, 6 in. x 6 in.; intermediate studs, 6 in. x 3 in. and 6 in. x 4 in; rafters, 8 in. x 3 in., spaced 4 ft. 6 in. apart; purlins, 6 in. x 3 in.; joist over cart opening, 9 in. x 6 in.; bracing, 7 in. x 1 in., let in flush; weatherboarding, 8 in. x 1 in.; lining boards, 2 in. thick. The platform to be constructed as shown with timbers of the following sizes, viz.: piles, which shall be square, 8 in. 8 in.; longitudinal joists, 8 in. x 4 in.; planking, 6 in. x 3 in., laid close; bracing, 6 in. x 3 in. The floor of store to be laid in as shown, well spiked to the sleepers underneath it, which must be thoroughly bedded. Supply and fix a flight of steps from platform as shown. The overhanging eaves of roof next railway shall be carried upon a longitudinal plate 6 in. x 3 in., supported by four posts 4 in. x 4 in., with lower ends retained in cleats fastened around them to the boarding of platform. The difference of level between the floors of platform and store to be connected as shown. Cover the whole of the outside of the building from eaves to ground all around with 8 in. x 1 in. weatherboards, properly nailed to stude and plates. The spaces between the studding above the lining boards to be filled in to the weatherboarding with 1-in. boards well fixed. All spikes used in this contract shall be of such a length as that after being driven through the first timber they shall enter the second timber at least one half of their entire length previous to punching; and all nails shall be in length equal to 21 times the thickness of the first timber through which they are driven. In weatherboard nails, the thickness of the second weatherboard must be added to their length.

## PLUMBER.

Cover the roof timbers with galvanized corrugated iron, No. 24 B.W.G., single-lapped at side, and held together with galvanized-iron screws with nuts and washers, spaced 12 inches apart, the ends of sheets to lap over each other not less than 6 inches, and to be rivetted together with galvanized-iron rivets and burrs through every fourth corrugation, and placed zigzag. The flakes of sheeting must then be firmly nailed to each intersected purlin with  $2\frac{1}{4}$ -inch galvanized iron nails, driven through the top of every third corrugation. Three continuous battens shall be fixed to the roof with  $\frac{1}{2}$ -in. bolts passing through the purlins, 3 feet apart.

#### PAINTER.

The whole of the exterior of the building to be properly prepared and stopped, and painted three coats in the very best linseed oil and white lead, to finish white.

# ROAD APPROACH.

Pitching.—The entire surface of the road to be hand-pitched with stones not less than 7 inches deep in the middle, and 6 inches deep at the sides, each stone to be laid transversely to the line of traffic, to be laid close, and the interstices filled with small spalls driven in with a light hammer; none of the stones to have more than 60 or less than 30 square inches of area upon upper faces.