

S.No.	Description of Specifications	Unit
1	Supplying, fitting and fixing in position true to line and level POT-PTFE bearing consisting of a metal piston supported by a disc or unreinforced elastomer confined within a metal cylinder, sealing rings, dust seals, PTFE surface sliding against stainless steel mating surface, complete assembly to be of cast steel/fabricated structural steel, metal and elastomer elements to be as per IRC: 83 part-I & II respectively and other parts conforming to BS: 5400, section 9.1 & 9.2 and clause 2006 of MoRTH Specifications complete as per drawing and approved Technical Specifications 2000 & 2200 MORTH.	MT
2	Supply of complete assembly of strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications 2607 MORTH comprising of edge beams, anchorage, strip seal element and complete accessories as per approved specifications and drawings, the cost shall also include installation by manufacturers authorized representative to the satisfaction of the Engineer and also the cost towards the concreting for joining the expansion joint assembly .	RMT
3	Supply of complete assembly of Modular expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications 2607 MORTH comprising of edge beams, anchorage, and complete accessories as per approved specifications and drawings, the cost shall also include installation by manufacturers authorized representative to the satisfaction of the Engineer and also the cost towards the concreting for joining the expansion joint assembly .	RMT
4	Providing and applying primer and two coats of 100% acrylic breathable, anti carbonation , waterproof, heat insulating, decorative external coating of approved shade after applying a primer coat of same material. Mix 1 L of acrylic anti carbonation paint with 300-500 ml of water and applying it as primer and allow it to dry for 4-6 hours. Mix 1 l of acrylic anti carbonation paint with 500-650 ml of water and apply two coats using brush/roller/spray at 24 hours of interval between each coat. acrylic paint shall be spray/brush/roller applied and shall conform to the following properties. Carbon dioxide diffusion equivalent air layer thickness (DIN EN 1062-6) >100 m.; Carbon dioxide diffusion resistance coefficient (DIN EN 1062-6) >105; Elongation of cured film shall be as per ASTM D 2370/98 >400%; Chloride ion diffusion (ASTM C 1202) = Zero penetration; Adhesion to concrete (ASTM D 4541) > 2 N/mm ² ; Solar reflective index (ASTM E 1980-11, EN 673:2011, EN 410:2011) > 104. The Inter - coat gap to be 24 hours. The rate shall include complete treatment mentioned above and thickness should not be less than 165 microns for primer and two coats.	sqm
5	Hire charges for crane and trailer 200 T capacities, at casting yard & site location & standby requirements for lifting, transporting, erecting & positioning of girders from casting yard to the project site location considering a lead of 10 km including all incidental charges for operators, flue, labour etc.	Hr
6	Hire charges for crane and trailer 300 T capacities, at casting yard & site location & standby requirements for lifting, transporting, erecting & positioning of girders from casting yard to the project site location considering a lead of 10 km including all incidental charges for operators, flue, labour etc.	Hr
8	Reinforced Earth wall: Providing design, drawings & construction methodology, arranging its approval from the consultant and providing technical supervision. Supply of geogrid & all accessories required for casting & erection. Supply of required no of moulds for casting of panels on returnable basis, Manpower for casting, curing, stacking, shifting & fixing of panels & geogrid. The rate also include the cost of providing Hydra and trailer for shifting of panels including cost of fuel, maintenance and	sqm
a)	Height in range 0-2 m (including foundation)	sqm
b)	Height in range 2-4 m (including foundation)	sqm
c)	Height in range 4-6 m (including foundation)	sqm
d)	Height in range 6-8 m (including foundation)	sqm
e)	Height in range 8-10 m (including foundation)	sqm
f)	Height in range 10-12 m (including foundation)	sqm
g)	Height in range 12-14 m (including foundation)	sqm
9	Manufacture and supply of Structural Decking Panel Galvanized steel (as per IS: 277) for metal decking for the following sheet thickness and minimum galvanization of 275gm/Sq M Zinc Coating and to withstand minimum load of 600 kg/Sqm in clear span of 2.6m, including cost and conveyance of all materials, to the site including taxes, duties and GST from reputed /prime manufacturers	

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a)	1mm thick Galvanised sheet for metal decking with Min. 500 Mpa yield strength	Sqm
b)	1.2/1.25mm thick Galvanised sheet for metal decking with Min. 550 Mpa yield strength	Sqm
10	Labour charges for erecting & fixing of metal decking sheets at site including welding / nuts and bolts where ever necessary arrangements for erection and fixing etc., complete in position.	Sqm