

Technical Details

Construction of Cycle Stand with Laying of Interlocking Paver Block at Army Public School, Nagrota

| S/No. | Brief Specification | Remark |
|-------|---|--------|
| 1. | <p><u>Scope of Work:-</u> Construction of Cycle stand with laying interlocking paver block, including 4' feet height chain link fencing, wheel stand for 100 cycles as following steps. (Size = 60 feet x 22 feet)</p> | |
| 2. | <p><u>Civil Work-</u></p> <p>(a) Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Principal APS (Thickness approx 200 mm)</p> <p>(b) Cement concrete 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 40 mm nominal size) in pavements, laid to required slope and camber in panels as required including consolidation finishing and tamping complete. (Thickness approx 100 mm)</p> <p>(c) Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine of approved size, design & shape,over and including 50mm thick compacted bed of coarse sand, the joints with line sand etc. all complete as per the direction of Principal APS.</p> <p>(d) Providing and laying cement concrete in kerbssteps around Cycle stand near ground level with 1:2:4mix from natural sources to protect the edges of the interlocking paver block . (Thickness approx 150 mm)</p> <p>(e) Providing and fixing 4 feet height G.I. chain link fabric fencing, mesh size 50x50 mm,Made of G.I. wire of dia 4 mm including strengthening with 6 mm dia nuts, and washers as required to be fixed along with 40x5 mm Iron flat including Angle post Size of Post 40x40X6 mm, Length of Post 2.0 mtr. To be placed at 2.40 mtr distance embedded in cement concrete blocks 45x45x60 cm 1:2:4 mix, every 15th post cross support member, and Top and Bottom runner to be fixedangleIron 40x40X5 mm, and complete. (Height 4 feet)</p> <p>(f) Painting with synthetic enamel paint of approved brand with primer coat and two coat paint both side of Chain link fencing along with post, gate and others Iron frame structure etc.</p> <p>(g)Fabrication & Installation of MS cycle where t stand in built up 40x40x6 mm main two no horizontal section and half cycle ring made from 12 mm double round bar every 2-feet distance. (Size of wheel stand = 2 nos. x 60 feet) MS cycle wheel stand frame embedding in cement concrete block 45x45x60 cm 1:2:4 mix.</p> | |

60 mm THICK BLOCKS

30 ± 5 mm THICK SAND BED

200 mm THICK BASE LAYER OF
WBM/WMM/CRUSHED ROCK/
SOIL-CEMENT

COMPACTED EARTH

