

## **Specification**

**Name of work : Providing and Fixing of Coil wire fencing on Compound wall of Vidhya Bharati School Sector-22 in GMC Area.**

**Item No.1 Providing and laying Cement concrete 1:2:4 ( 1 cement : 2 coarse sand : 4 graded stone aggregates 20 mm. nominal size) and curing complete including cost of form work in wall caps/coping.**

For detail specification of item no.1 please refer item no. 5.3.13 page no.32 of general technical specification booklet.

**Item No.2 Providing and laying TMT Bar Fe-500/500D reinforcement for RCC work including bending, binding and placing in position complete upto floor two level.**

For detail specification of item no.2 please refer item no. 5.4.11 page no.37 of general technical specification booklet.

**Item No.3 Providing 15 mm. thick cement plaster in single coat malla on rough side of half brick wall for interior plastering upto floor two level finished even and smooth for Ground floor including curing etc. complete. in Cement mortar 1:3 (1 cement : 3 fine sand).**

For detail specification of item no.3 please refer item no. 17.58 page no.105 of general technical specification booklet.

**Item No.4 Finishing wall with weather proof exterior emulsion paint (like apex), water proof & weather proof, external paint apex or approved equivalent on wall surface (two coats) to give an required shade even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials etc complete.**

For detail specification of item no.4 please refer item no. 18.51 page no.119 of general technical specification booklet.

**Item No.5 Pro. And fixing 50mmx50mmx6mm angle welded metal section with five horizontal lines G.I. barbed wire fencing, weighting 9.38 kg per 100 mts including fixing concentrino razor blade 12 G wire loop of 610 mm dia on top of wall, applying priming coat and painting two coats with necessary fixtures and hardware etc. complete as directed by Engineer-in-charge.**

**Material:**

The angle section shall be 50mm x 50mm x 6 mm thick and weight of this angle section must be 4.50 kg/rmt. The structured steel work shall conform to M-22. Red lead paint primer shall conform to I.S.:102-1962. The enamel paint shall conform to M-44 B. GI Barbed wire shall confirm to M .78 on page No. 21 of General Specification Booklet. Concertino razor blade 12 G wire loop of 610 mm dia.

**Workmanship:**

1. The steel section as specified or required shall be cut, square to correct length as per drawings and design. The cut ends exposed to view shall be finished smooth. No. two pieces shall be welded to make up the required length of member, except as indicated in the drawing or as directed.
2. The surface to be painted shall be cleaned of all dust, scale dirt and other foreign matter sticking to it with wire brushes, steel wool, scrapers, sand paper etc. This surface shall then be wiped finally with mineral turpentine which shall also remove grease and perspiration of hand marks. The surface shall then be allowed to dry.
3. GI Barbed wire shall confirm to M .78 on page No. 21 of General Specification Booklet.
4. Fixing concertino razor blade 12 G wire loop of 610 mm dia on top of wall. The One loop of concertino razor blade wire shall be covered 3.5 rmt or as directed by Engineer in charge.. This blade shall be fixing as per drawing, design and as directed by Engineer in charge.

**Mode of Measurement:**

All the work shall be measured net in the two decimal system as executed subject. The measurement and rate is including fabricating and welding of steel work, applying red lead priming coat and two coat of enamel paint, providing and fixing of barbed

wire fencing and concertino razor blade with all necessary fixtures and hardware etc.  
All these separately item work like a Fencing work as a one unit measure in per Rmt.

**Mode of Payment:**

The rate shall be for a unit of One Rmt.