

### **ITEM NO. 13 (A-103)**

**1. Name of the subject/project:**

Sub.: Streetscaping of roads in NDMC Area

SH: Streetscaping of Mandir Marg

**2. Name of the Department/departments concerned**

Civil Engineering Department, Road-IV Division.

**3. Brief history & detailed proposal of subject/project**

- (a) A decision was taken in year 2006 to take up important roads for streetscaping and M/s OASIS Design was appointed as a landscape consultant for a package of four roads & Redevelopment of Hanuman Mandir Vatika with Mandir Marg as one of the roads taken up for streetscaping.
- (b) Accordingly as per terms of agreement the consultant submitted the conceptual design for proposed streetscaping of Mandir Marg.
- (c) The Presentation of conceptual plan was made to E-in-C on 01 Dec.'06, Empowered Committee on 24 May'07 & to Chairman on 20 Sep.'07.
- (d) The Presentation of conceptual plan was made to the Council vide Agenda Item No. 25(A-46) dated 17 Oct.'07.
- (e) The conceptual plan of Mandir Marg was finally approved by Competent Authority on 23 Oct'07.
- (f) The Preliminary Estimate for Rs. 6,14,97,900/- prepared by the consultant & checked by road division has been scrutinized by the Member Planning of the Project Team.
- (g) The Preliminary Estimate has been concurred by the Finance Department.
- (h) The streetscaping of Mandir Marg has been put on fast track and work is proposed to be executed through a project team. Accordingly Empowered Committee during its meeting on 14 Jan.'08 after detailed deliberations the Preliminary Estimate for streetscaping of Mandir Marg & recommended that Preliminary Estimate be placed before Council for accord of Administrative Approval & Expenditure Sanction for Rs.6,14,97,900/-.

#### 4. Detailed proposal on the subject/project.

(a) Brief details of the scheme are as follows:-

- Length of road : 1833 M
- Width of Carriageway : 15.72 M
- Right of way : 30.30 M

(b) Traffic Management

- (i) Provision of angular parking system with driveway serving the dual purpose of a cycle track.
- (ii) Provision of roadside green buffer between the main carriageway of road and pedestrian walkway.
- (iii) Parking lots have been proposed on either side of parking opposite Birla Temple with a pedestrian connection to the Birla Temple through an existing subway.
- (iv) Provision of slip roads on either side of T-Junction with Peshwa road.
- (v) Provision of dipped bus bays

(c) Pedestrian Based Facilities

- (i) Provision of continuous pedestrian walkway with raised table top crossovers as traffic calming devices and to reduce the vehicular pedestrian conflict. The raised table top crossovers are proposed at all the intersections.
- (ii) The intersections are proposed to be raised with different colour/Texture zone to ensure the slowing of vehicular traffic and facilitate safer pedestrian crossing. The construction will involve providing ramps for each vehicle approach which elevates the entire intersection to the level of sidewalk to enable pedestrian to cross the road at the same level as the sidewalks.
- (iii) The existing service lane is proposed to be redeveloped as cycle track and a sidewalk with proper seating, lighting, signages, cycle parking facilities etc.
- (iv) Provision of stepped plaza with seating at different levels representing a Kund in front of Birla Temple entrance.
- (v) Provision of adequate street furniture in front of Birla Temple to reflect the character of the temple.
- (vi) Provision of tactile surfaces to give advance warning of changes in level of road crossing etc. to the visually impaired people.

(vii) The main criteria for selecting the paving material for sidewalk are smooth surface, sturdy, maintenance free, colourful paving patterns, precast and readymade modular units to achieve good and uniform finish.

(viii) Redevelopment of walkway on either side of road & all walkways to be disabled friendly.

(ix) Seating

- Seats with backrests have been proposed on walkway on either side of road.
- Low height seating walls have been proposed along walkways which will act as natural landscape edge restraints.

(x) Cycle Parking

- Cycle stands have been proposed along the proposed cycle track along the residential side for conveniences of cyclists.

(xi) Ramps & Stairs

- Ramps and stairs have been proposed at suitable locations for easy accessibility.

(xii) Lighting : Following types of lightings have been proposed.

- Up lighting
- Pedestrian Walkway lighting
- Ground buried tree wash lighting

(xiii) Edge Restraints

- Landscaping edge restraints have been proposed & existing grills along the street sides are proposed to be removed.
- Use of kerbs, Bollards, planted buffer strips in place of grills/railings.

(d) Place Making Facilities

- (i) A Tantra Motif has been proposed in front of Buddhist Temple and Birla Temple.
  - (ii) Proper seating facility alongwith drinking water and areas demarcated for temporary stalls during festival season have also been proposed.
- (e) The brief detail of various Civil, Electrical & Horticulture works involved are as follows:-

**Civil works**

- Improvement of footpath on both sides of road.
- Creation of pedestrian plaza.
- Development of parking.
- Cycle track on one side.
- Slip road at T-Junction of Peshwa Road – Mandir Marg
- Improvement of Drainage works.

**Horticulture Works**

- Grassing & Plantation.
- Laying of irrigation lines on both sides & across the road, pumps etc.
- Rainwater storage tank for irrigation.

**Electrical Works**

- Cables of different sizes
- Poles & pole light fittings
- Uplighters/ Flood lights.
- Feeder pillars

- (f) 5% of estimated cost of civil works has been catered for shifting of underground services etc., 5% for Road Signages etc., 5% for consultancy charges & 2.5% for provision of tree root guards, gratings & other misc. works.

**5. Financial implications of the proposed subject/project:**

The financial implications of the proposal works out to Rs. 6,14,97,900/-.

**6. Implementation schedule with timelines for each stage including internal processing.**

- ◆ Preparation of Detailed Estimate/ NIT - Feb.'09
- ◆ Call of Tender - Mar.'09
- ◆ Award of work - Apr.'09
- ◆ Execution of work - May'09-Sep.'10

**7. Comments of the Finance Department on the subject with diary no. & date.**

The Finance Department vide diary No. 3117/Finance/R-Civil dated 07 Jan.'09 has concurred the Preliminary Estimate of Rs.6,14,97,900/- subject to availability of funds.

**8. Comments of the Department on comments of Finance Department.**

The proposed work is chargeable to Streetscaping project and funds have been demanded in RE 2008-09 & BE 2009-10 & from Govt. of Delhi under plan funds.

**9. Legal Implications of the subject/project**

There are no legal implications for obtaining Administrative Approval & Expenditure Sanction.

**10. Details of previous Council Resolutions, existing Law of Parliament and Assembly on the subject:**

The presentation of conceptual plan was made to Council vide Agenda Item No. 25(A-46) dated 17 Oct.'07.

**11. Comments of the Law Department on the subject :** No comments.

**12. Comments of the Department on the comments of the Law Department**

No comments.

**13. Certification by the Department that all Central Vigilance Commission (CVC) guidelines have been followed while processing the case**

Necessary guidelines of CVC would be followed during tendering.

**14. Recommendations :**

The case is placed before the Council for consideration & accord of

- (a) Administrative Approval & Expenditure Sanction for Rs.6,14,97,900/- for the work of Streetscaping of Mandir Marg.
  
- (b) To initiate further action in anticipation of approval of minutes of Council meeting.

**COUNCIL'S DECISION**

Resolved by the Council to accord administrative approval and expenditure sanction to the preliminary estimate amounting to Rs.6,14,97,900/- for the work of Streetscaping of Mandir Marg.

**It was also resolved that further action in the matter be taken in anticipation of confirmation of the Minutes by the Council.**