

Copy of Reso. No. 30(A-39)  
of  
Council Ordinary Meeting  
Date: 30-01-2015

ITEM NO. 30 (A-39)

1. Name of the Subject / Project :-  
Sub: - S/R of Roads in NDMC area.  
SH: - Riding Quality Improvement Programme (Phase-IV) Micro Surfacing
2. Name of the Department :-  
Civil Engineering Department, EE(RIP)
3. Brief History of the Subject / Project :-
  1. CRRI "Evaluated the roads of NDMC under Riding Quality Improvement Programme (Phase-IV) to suggest remedial measure for 41 roads, which were lastly resurfaced in 2007.
  2. As per the recommendation of CRRI for treatment required on these roads during October 2012, Preliminary Estimate of RQIP (Phase-IV) Micro Surfacing for ₹11,58,57,400/- was approval by council vide item No. 11(A-41) dated: 28.02.2013.
  3. The above work has been awarded on dated 07.10.2013 to M/s Inckah Infrastructure Technologies (P) Ltd. for ₹10,07,13,045/- after approval by the council vide item No. 22(A-15) 04.09.2013.
  4. The CRRI has been appointed as Third Party Quality Assurance Agency for the work. During execution of work due to the further deteriorated condition of the existing surface of some roads, the following roads were re-evaluated and CRRI suggested the remedial measures to improve the riding quality.

CEC-I

Sr. No.	Name of Roads	Recommendation by CRRI	Revised Recommendation by CRRI
1.	Bangla Sahib Road.	One Layer of MS Type - III	Same as earlier.
2.	Dr. Zakir Hussain Marg. (S. B. Marg to Oberoi Flyover)	One Layer of MS Type - III	25 to 40mm SDBC (as per site condition) + One layer MS Type-III.
3.	Hanuman Road.	One Layer of MS Type - III	25mm Mastic Asphalt
4.	Madhulimay Marg.	One Layer of MS Type - III	Same as earlier.
5.	Maulana Azad Road. a) Rafi Marg to Janpath	One Layer of MS Type - III	Same as earlier.
	b) Janpath to Man Singh Road R/A	One Layer of MS Type - III	Two Layer of MS Type- III
6.	Pandara Road.	One Layer of MS Type - III	25 to 40mm SDBC(as per site condition) + One layer MS Type-III.
7.	R.K. Ashram Marg.	One Layer of MS Type - III	Two Layer of MS Type- III
8.	Raisina Road.	One Layer of MS Type - III	Same as earlier.

	Rafi Marg R/A to 33 KB Electrical Sub Station (approx. 385 m)	One Layer of MS Type - III	25 to 40mm SDBC(as per site condition) + One layer MS Type-III.
9.	Sansad Marg.	One Layer of MS Type - III	Same as earlier.
	Patel Chowk R/A to Jai Singh Road Red Light.	One Layer of MS Type - III	Two Layer of MS Type- III
10	Shershah Road.	One Layer of MS Type - III	50mm DBM + One Layer of MS Type-III after completion of High Court Building Works.
11	Tilak Marg.	One Layer of MS Type - III	Two Layer of MS Type- III
12	Tolstoy Marg (Sansad Marg to K G Marg)	One Layer of MS Type - III	Two Layer of MS Type- III
	K.G Marg to Barakhamba Road	One Layer of MS Type - III	25 to 40mm SDBC(as per site condition) + One layer MS Type-III.
13	Udyan Marg (Peshwa Road to Kali Bari)	One Layer of MS Type - III	Same as earlier.
	A Stretch approx. 300 meter between Park Street to Kali Bari Marg	One Layer of MS Type-III	40mm SDBC + One layer MS Type-III.

## Additional Road:-

Sr. No.	Name of Roads	Earlier Recommendation by CRRI	Revised Recommendation by CRRI
1.	Mother Teresa Crescent	One Layer of MS Type-III	May require two layer of MS Type-III if work executed after 4 to 6 months
2.	Satya Marg (Niti Marg to Madhulimay Marg)	--	Two Layer of MS Type-III
3.	Sardar Patel Marg	40 mm SDBC+ One Layer of MS	Two Layer of MS Type-III, if executed immediately

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

- i) Provide single layer of 40 mm BC/ SMA instead of two layers i.e. SDBC and MS type-III as Economical to NDMC cost wise on Zakir Hussain Marg and Pandara Road and after discussion CRRI agreed the same.
- ii) Two Layer of Micro Surfacing is to be applied instead of One Layer on Tilak Marg, Tolstoy Marg (From KG Marg to Parliament Street except the portion laid by Metro), R K Ashram Marg, Sansad Marg (From Patel Chowk to Jai Singh Road and Maulana Azad Road (From Man Singh Road to Janpath Road Red Light).
- iii) 25 mm Mastic Concrete be provided instead of Micro Surfacing on Hanuman Road separately, as the road is mostly occupied by the parked vehicle.
- iv) The Micro-surfacing work on Shershah Road is to be deferred due to the construction work by DMRC at Delhi High Court Parking Project and the same will be taken up after the completion of construction work.



- v) Mother Teresa Crescent Road was earlier evaluated in July-Sept. 2012 & recommended One Layer of Micro Surfacing Type-III. Now CRRI has suggested as per the present site condition if work is carryout after 4 to 6 months than it may required Two Layer of Micro Surfacing. The NIT of Mother Teresa Crescent is already processed but it will take approximate 5 months to start the work. Two months have already been passed after CRRI recommendation therefore one layer of Micro- surfacing be carried out in the present running contract for financial benefit to NDMC.
- vi) Satya Marg (Niti Marg to Madhulimay Marg) was earlier resurfaced in year 2006-07 and outlived its useful life. The existing surface of road has further deteriorated and is required immediate treatment. The CRRI has recommended Two Layer of Micro Surfacing on this road. This may also be considered for Micro Surfacing in the ongoing contract to stop further deterioration.
- vii) On Sardar Patel Marg, CRRI has recommended 40mm SDBC + One Layer of Micro Surfacing Type-III vide their letter No. CRRI/PED/NDMC/RIP/SR/2013 dated: 30.06.2014 to be implemented in one year and immediate alternate is Two Layer of Micro Surfacing instead of 40 mm SDBC + One Layer of Micro Surfacing. There will be huge financial benefit of approx. ₹ One Crores to NDMC if Micro Surfaced immediately, therefore this road may also be considered for Micro Surfacing in the ongoing contract.

5. Financial implications of the proposed subject / project.

The approximate expenditure works out for this additional work as per CRRI recommendation is as under:-

a)	To execute as additional work on Sardar Patel Marg, Mother Teresa Crescent and Satya Marg.		
	(i)Micro-surfacing Type-III	135260M <sup>2</sup>	@₹ 153.00/m <sup>2</sup> ₹ 206,94,780.00
	(ii) 2.5 mm thick thermo plastic Pain	5525M <sup>2</sup>	@ ₹ 495.00/m <sup>2</sup> ₹ 2734875.00
		Total	₹ 23429655.00

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

The time for completion of this Extra Item /Additional Quantity will be required approx. three months.

7. Comments of Finance Department on the subject.  
As the proposal related to deviation in the sanctioned scope of work by adding some new roads and deleting some roads from earlier sanctioned estimate, the department may place the case for consideration and decision of the Council as provided in Rule 131 of GFR and Section 2.3.4 of CPWD Work Manual.

8. Comments of the department on comments of finance department.

With reference to the comments of the Finance the case may be placed before the council for consideration and approval of the council for adding of new roads and deleting of roads from the sanctioned scope of work as per Rule 131 of GFR and Section 2.3.4 of CPWD Work Manual.

24. Legal implications of the subject / project  
No legal issues are involved in this project.

25. Details of previous council resolution / existing law of parliament and assembly on the subject.  
Administrative Approval and Expenditure Sanction for ₹11,58,57,400/- has been accorded by Council vide Resolution No. 011 (A-41) dated 28.02.2013 and the work was awarded to M/s Inckah Infrastructure Technologies (P) Ltd. for ₹10,07,13,045/- after approval by the council vide item No. 22(A-15) 04.09.2013..

11. Comments of Law Department on the subject.  
NA

12. Comments of the department on comments of Law Department.  
NA

13. Certification by the department that all central vigilance commission (CVC) guidelines have been followed while processing the case.

Certified that all relevant CVC guidelines have been followed.

14. Recommendations.  
Since the A/A & E/S has been accorded by the council so the case is placed before the council with recommendation for consideration and to accord the approval for the following:-

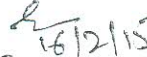
- i. To process separate estimate for Zakir Hussain Marg, Pandara Road, Hanuman Road and Shershah Road as per revised CRRI recommendation

due to material change in scope of work, as these roads are included in the sanctioned Preliminary Estimate.

- ii. To execute Micro Surfacing work on these additional roads i.e. Sardar Patel Marg, Mother Teresa Crescent and Satya Marg ( Niti Marg to Madhulimay Marg) as additional quantity.

COUNCIL'S DECISION

A/A & E/S was accorded by the Council in October 2012. It is resolved by the Council to accord the approval, subject to clearance from the ECI.

  
16/12/15  
For Secretary  
New Delhi Municipal Council  
Palika Mandra, New Delhi