OFFICE OF THE ENGINEER-IN-CHIEF
P.W.D. SIRPUR BHAVAN RAIPUR (CHHATISGARH)

AMENDMENT NO. 01

The following amendments are hereby issued in the items mentioned below in S.O.R. for Road Works (in effect from 01-01-2015)

1. Chapter-6

1) Item 6.5 stands deleted.
2) Items 6.6 (iii) & (iv) stand deleted.
3) Item 6.7 is added as given below.

6.7	**Providing and laying Un-reinforced Cement Concrete** without Dowel bars including formwork and expansion, contraction & longitudinal joints as per design and as per IRC-62-2014, over a prepared base a per approved mix design and finishing to lines and grade as per Drawing for Pavement thickness less than 200mm in Low Volume Roads.		
	PCC Grade M30 with minimum Cement Content @ 375kg/cum	Cum	4391.00

2. Chapter 8

Items 8.4, 8.5, 8.6 and 8.7 are revised and replaced as given below.

8.4	**Retro- reflectrorized Traffic signs** (Providing and fixing of retro-reflectrorized cautionary, mandatory and informatory sign as per IRC:67-2012 made of retro-reflective type sheeting vide clause 801.3, fixed over aluminum sheeting of required thickness supported on a mild steel back frame of ISA 40 x 40 x 5 mm and mild steel angle iron post 75 mm x75 mm x 6mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45cm x 60cm, 60 cm below ground level as per approved drawing and painting all components of the signs and supports as per clause 7.2 of IRC:67-2012)		
A	Made of Class-C Micro Prismatic Grade Sheeting of Type XI (for National Highways and State Highways)		
a)	**With Aluminum Sheeting of 2 mm thickness**		
(i)	1200 mm equilateral triangle	Each	9336.00
(ii)	900 mm equilateral triangle	Each	6038.00
(iii)	900 mm x 750 mm rectangular	Each	9889.00
(iv)	800 mm x 600 mm rectangular	Each	7535.00

(v)	1200 mm high octagon	Each	16584.00
(vi)	900 mm high octagon	Each	10111.00
(vii)	750 mm high octagon	Each	7570.00
(viii)	900 mm circular	Each	9656.00
(ix)	750 mm circular	Each	7230.00
b)	**With Aluminum Sheeting of 1.5 mm thickness**		
(i)	600 mm equilateral triangle	Each	3490.00
(ii)	600 mm circular	Each	5054.00
(iii)	600 mm x 600 mm square	Each	5868.00
B	Made of Class-I High Intensity Micro Prismatic Grade Sheeting of Type IV (for MDR)		
a)	**With Aluminum Sheeting of 2 mm thickness**		
(i)	900 mm equilateral triangle	Each	4631.00
(ii)	800 mm x 600 mm rectangular	Each	5605.00
(iii)	900 mm high octagon	Each	7281.00
(iv)	750 mm high octagon	Each	5591.00
(v)	750 mm circular	Each	5369.00
b)	**With Aluminum Sheeting of 1.5 mm thickness**		
(i)	600 mm equilateral triangle	Each	2863.00
(ii)	600 mm circular	Each	3862.00
(iii)	600 mm x 500 mm rectangular	Each	3959.00
(iv)	600 mm x 600 mm square	Each	4421.00
C	Made of Class-A High Intensity Super Engineering Grade Sheeting of Type II (for MDR & Village Roads)		
a)	**With Aluminum Sheeting of 2 mm thickness**		
(i)	900 mm equilateral triangle	Each	3831.00
(ii)	800 mm x 600 mm rectangular	Each	4507.00
(iii)	900 mm high octagon	Each	5671.00
(iv)	750 mm high octagon	Each	4465.00
b)	**With Aluminum Sheeting of 1.5 mm thickness**		
(i)	600 mm equilateral triangle	Each	2506.00
(ii)	600 mm circular	Each	3184.00
(iii)	600 mm x 500 mm rectangular	Each	3273.00
(iv)	600 mm x 600 mm square	Each	3598.00
8.5	**Direction and Place Identification signs upto 0.9 sqm size board.** (Providing and erecting direction and place identification retro-reflectorized sign as per IRC:67-2012 made of retro-reflective type sheeting and vide clause 801.3, fixed over aluminum sheeting, 2 mm thick with area not exceeding 0.9 sqm and fixed on a mild steel back frame of ISA 40 x 40 x 5 mm, supported on a mild steel single angle iron post of size 75 x 75 x 6 mm, firmly fixed to the ground with M15 grade cement concrete 45 x 45 x 60cm, 60cm below ground level as per approved drawing)		
A	Made of Class-C Micro Prismatic Grade Sheeting of Type IX **(for National Highways and State Highways)**	Sqm	14335.00
B	Made of Class-I High Intensity Micro Prismatic Grade Sheeting of Type IV (for MDR)	Sqm	10315.00

C	Made of Class-A High Intensity Micro Prismatic Grade heeting of Type I (for ODR & Village Roads)	Sqm	7970.00
8.6	**Direction and Place Identification signs with size mo than 0.9 sqm size board.** (Providing and erecting direction nd place identification retro-reflectorized sign as per IRC:67-201 made of retro-reflective type sheeting and vide clause 801.3. ixed over aluminum sheeting, 2 mm thick with area exceeding 0 sqm and fixed on a mild steel frame of size 40 x 40 x 5 mm, sup orted on 2 Nos. mild steel angle iron posts of size 75 x 75 x 6 mm, f rmly fixed to the ground with M15 grade cement concrete 45 x 45 x 6 cm, 60cm below ground level as per approved drawing)		
A	Made of Class-C Micro Prismatic Grade Sheeting of Type IX (for National Highways and State Highways)	Sqm	14486.00
B	Made of Class-B High Intensity Micro Prismatic Grade heeting of Type IV (for MDR)	Sqm	10372.00
C	Made of Class-A High Intensity Micro Prismatic Grade heeting of Type I (for ODR & Village Roads)	Sqm	8115.00
8.7	**Overhead Signs** (Providing and erecting overhead si ns with a corrosion resistant aluminum alloy sheet reflectorized with high intensity retro-reflective sheeting of Class-C Micro Pris atic Grade Sheeting of Type IX with vertical and lateral clearanc given in clause 802.2 and 802.3 and installed as per clause 8 .6 over a designed support system of aluminum alloy or galva ized steel trestles and trusses of sections and type as per struct ral design requirements and approved plans)		
A	Truss and Vertical Support	Tonne	78148.00
B	Aluminum alloy plate for over head sign	Sqm	12441.00

3. Cl apter 12

Rate o Item 12.5 is corrected to Rs. 528.00

12.5	Manufacturing, supply & fixing of precast kerb stone of size 400mmx259mmx200mm thick made of M-20 concret rectangular in shape with one corner chamfered by 100 mm x 100 m m as approved design i/c cost of all material, labour and curing etc. com plete.	Each	528.00

4. An Ad-hoc increase of 40% on all items of Road SOR (in effect from 01.01.2015) shall be applicable for works in Narayanpur, Dantewada, Bijapur and Sukma Districts of Bastar Zone. This Ad-hoc increase shall also be effective on amended items at S. No. 1,2 & 3 of this memo.

All above amendments shall be applicable with immediate effect.

Engineer-in-chief
P.W.D. Raipur (C.G.)

Endt. No. 650/0/7-2 Raipur, Dated 12/10/2015

Copy to the

1. P.A. to honorable Minister of P.W.D C.G. Govt. Raipur.
2. Principle Secretary, C.G. Govt. P.W.D. Raipur.
3. Secretary, Finance Department C.G. Govt. Raipur
4. Director General "Road Development". Shipping, Transport and Highway Mantralaya. Transport Bhawan Sansad Marg, New Delhi 11001.
5. All Chief Engineers. P.W.D. Chhattisgarh.
6. All Superintending Engineer, P.W.D. Chhattisgarh.
7. Zonal Officer, Road Transport & Highway Satpuda Bhawan Bhopal (M.P.)
8. E.L.O. National Highway Complex Raipur (C.G.)
9. Chief Technical Examiner (V) C.G. Raipur
10. Accountant General, C.G. Raipur
11. All Collectors, Chhattisgarh.
12. All Executive Engineer, P.W.D. Chhattisgarh.
13. Executive Engineer, Nagar Nigam Raipur.

Engineer-in-chief
P.W.D. Raipur (C.G.)