OFFICE OF THE ENGINEER-IN-CHIEF
P.W.D. NIRMAN BHAVAN, NORTH BLOCK, SECTOR-19
NAWA RAIPUR, ATAL NAGAR (CHHATTISGARH)

AMMENDMENT NO. 13

No. 65010/ 561 /SOR/ Nawa Raipur Atal Nagar, Dated 18 /06/2025

The following ammendment are hereby issued in the item mentioned below in S.O.R. for Road Works (in effect from 01.01.2015)

CHAPTER - 2 SITE CLEARANCE

1) Item No. 2.13 are added as given below.

2.13	**Removal of leftover portion of trunk** and removal of roots after cutting of tree by the forest department or any other agency, including required excavation and all necessary activities for uprooting, stacking of serviceable material and disposal of unserviceable material with all leads & lifts and filling the depression/pit with suitable soil including compaction in layers at OMC as directed by Engineer-in-Charge and as per relevant clauses of section-200 for		
(i)	Girth from 300 mm to 600 mm	**Each**	**154.00**
(ii)	Girth beyond 600 mm to 900 mm	**Each**	**244.00**
(iii)	Girth beyond 900 mm to 1800 mm	**Each**	**580.00**
(iv)	Girth above 1800 mm	**Each**	**1158.00**

CHAPTER - 8 TRAFFIC SIGNS, MARKINGS & OTHER ROAD APPURTENANCES

1) Item No. 8.56, 8.57, 8.58, 8.59 & 8.60 are added as given below.

8.56	**Removal, Repair and Refixing for Re-use of retro- reflectorised signages:** Removal of retro- reflectorised cautionary, mandatory and informatory sign including excavation, breaking of foundation concrete, opening/ removing of nuts/ bolts/ washers/ rivets etc, transporting safely and taking the materials in the possession of the contractor, performining required maintenance and replacing the damaged members/ frames/ damaged or missing letters and signs, painting the frames, posts and other members as per requirements and transporting back to site in good condition and installing the same, as per IRC :67, firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing and as directed by Engineer-in-charge.		
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	2550.00

(ii)	900 mm equilateral triangle	Each	1890.00
(iii)	900 mm x 750 mm rectangular	Each	2660.00
(iv)	800 mm x 600 mm rectangular	Each	2190.00
(v)	1200 mm high octagon	Each	3999.00
(vi)	900 mm high octagon	Each	2705.00
(vii)	750 mm high octagon	Each	2197.00
(viii)	900 mm circular	Each	2614.00
(ix)	750 mm circular	Each	2129.00
(b)	With Aluminum Sheeting of 1.5 mm thickness		
(i)	600 mm equilateral triangle	Each	1381.00
(ii)	600 mm circular	Each	1693.00
(iii)	600 mm x 600 mm square	Each	1856.00
B	**Made of Class-B 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	1609.00
(ii)	800 mm x 600 mm rectangular	Each	1804.00
(iii)	900 mm high octagon	Each	2139.00
(iv)	750 mm high octagon	Each	1801.00
(v)	750 mm circular	Each	1756.00
(b)	With Aluminum Sheeting of 1.5 mm thickness		
(i)	600 mm equilateral triangle	Each	1255.00
(ii)	600mm circular	Each	1455.00
(iii)	600 mm x 500 mm rectangular	Each	1474.00
(iv)	600 mm x 600 mm square	Each	1567.00
C	**Made of Class-A High Intensity Micro Prismatic Grade Sheeting of Type I (for ODR & Village Roads)**		
(a)	With Aluminum Sheeting of 2 mm thickness		
(i)	900 mm equilateral triangle	Each	1449.00
(ii)	800 mm x 600 mm rectangular	Each	1584.00
(iii)	900 mm high octagon	Each	1817.00
(iv)	750 mm high octagon	Each	1576.00
(b)	With Aluminum Sheeting of 1.5 mm thickness		
(i)	600 mm equilateral triangle	Each	1184.00
(ii)	600 mm circular	Each	1319.00
(iii)	600 mm x 500 mm rectangular	Each	1337.00
(iv)	600 mm x 600 mm square	Each	1402.00

8.57	**Removal, Repair and Refixing for Re-use of Direction and Place Identification signs upto 0.9 sqm size board.** Removal of existing direction and place identification retro-reflectorized sign including excavation, breaking of foundation concrete, opening/ removing of nuts/ bolts/ washers/ rivets etc, transporting safely and taking the materials in the possession of the contractor, performining required maintenance and replacing the damaged members/ frames/damaged or missing letters and signs, painting the frames, posts and other members as per requirements and transporting back to site in good condition and installing the same, 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 bck 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 and as derected by Engineer-in-Charge.		
A	**Made of Class-C Micro Prismatic Grade Sheeting of Type IX (for National Highways and State Highways)**	Sqm	3550.00
B	**Made of Class-B High Intensity Micro Prismatic Grade Sheeting of Type IV (for MDR)**	Sqm	2746.00
C	**Made of Class-A High Intensity Micro Prismatic Grade Sheeting of Type I (for ODR & Village Roads)**	Sqm	2277.00
8.58	**Removal, Repair and Refixing for Re-use of Direction and Place Identification Signs with size more than 0.9 sqm size Board.** Removal of existing direction and place identification retro-reflectorized sign including excavation, breaking of foundation concrete, opening/ removing of nuts/ bolts/ washers/ rivets etc, transporting safely and taking the materials in the possession of the contractor, performining required maintenance and replacing the damaged members/ frames/ damaged or missing letters and signs, painting the frames, posts and other members as per requirements and transporting back to site in good condition and installing the same, 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 exceeding 0.9 sqm and fixed on a mild steel frame of size 40 x 40 x 5 mm, supported on 2 Nos. mild steel angle iron posts 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 and as directed by Engineer-in-Charge.		

A	**Made of Class-C Micro Prismatic Grade Sheeting of Type IX (for National Highways and State Highways)**	Sqm	4058.00
B	**Made of Class-B High Intensity Micro Prismatic Grade Sheeting of Type IV (for MDR)**	Sqm	3236.00
C	**Made of Class-A High Intensity Micro Prismatic Grade Sheeting of Type I (for ODR & Village Roads)**	Sqm	2784.00
8.59	**Overhead Signs** **Removal, Repair and Refixing for Re-use of Overhead Signs and its support structure** Removal of existing overhead signs including opening/ removing of nuts/ bolts/ washers/ rivets etc, transporting safely and taking the materials in the possession of the contractor, performining required maintenance and replacing the damaged members/ frames/ damaged or missing letters and signs, painting the back frames members including providing extra support members, as per requirements and transporting back to site in good condition and installing the same, with a 2 mm thick corrosion resistant aluminum alloy sheet reflectorized with high intensity retro-reflective sheeting of Class-C Micro Prismatic Grade Sheeting of Type IX with vertical and lateral clearance given in clause 802.2 and 802.3 and installed as per clause 802.6 over a designed support system of aluminum alloy or galvanized steel trestles and trusses of sections and type as per structural design requirements and approved plans and as directed by Engineer-in-Charge.		
A	**Truss and Vertical Support**	MT	20380.00
B	**Aluminum alloy plate for over head sign**	Sqm	2763.00
8.60	**Re-Use of Metal Beam Crash Barrier**		
A	**Type - A, "W" : Metal Beam Crash BarrierRemoving, Repairing and Erecting an existing "W" metal beam crash barrier** comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long, including opening/ removing of nuts/ bolts/ washers/ rivets etc, excavation and performing all actions required for removal, transporting safely and taking the materials in the possession of the contractor, performining required maintenance of the damaged members as beam, posts, spacers etc. as per requirements providing required nuts, bolts, washers, rivets etc., as per requirements and transporting back to site in good condition and installing/erecting the same, complete as per clause 811.3 and as directed by Engineer-in-Charge.	meter	524.00

B	**Type - B, "THRIE" : Metal Beam Crash** **Removing, Repairing and Erecting an existing "Thrie" metal beam crash barrier** comprising of 3 mm thick corrugated sheet metal beam rail, 85 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 2 m high with 1.15 m below ground level, all steel parts and fitments to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 546 mm long, including opening/ removing of nuts/ bolts/ washers/ rivets etc, excavation and performing all actions required for removal, transporting safely and taking the materials in the possession of the contractor, performining required maintenance of the damaged members as beam, posts, spacers etc. as per requirements providing required nuts, bolts, washers, rivets etc., as per requirements and transporting back to site in good condition and installing/erecting the same, complete as per clause 811.3 and as directed by Engineer-in-Charge.	meter	815.00

CHAPTER NO. – 9 PIPE CULVERTS

1) Item No. 9.13 & 9.14 are added as given below.

9.13	**RE-USE OF BOULDER APRON STONE :** Laying of boulders apron using stone obtained from dismentaling of an existing boulder apron and stacking the dismentalled stone for reuse within a lead of one kilometer including providing extra stone spalls as per requirement, on river bed for protection against scour with stone boulders complete as per drawing and Technical specifications.	Cum	933.00
9.14	**RE-USE OF PITCH STONE :** Laying of Pitching Stone/Boulder on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment using stone obtained from dismentaling of existing piching and stacking the dismentalled pitching stone for reuse within a lead of one kilometer including providing extra stone spalls as per requirement complete as per drawing and Technical specification.	Cum	933.00

This ammendment shall be applicable with immediate effect.

18/6

Engineer-in-Chief
Public Works Department
Nawa Raipur, Atal Nagar (C.G.)

No. 65010/ 561 /SOR/ Nawa Raipur Atal Nagar, Dated 18/06/2025

Copy to the

1. P.A. to honorable Minister of P.W.D.C.G. Govt. Raipur.
2. Secretary, C.G. Govt. P.W.D. Nawa Raipur Atal Nagar.
3. Secretary, Finance Department C.G. Govt. Nawa Raipur Atal Nagar.
4. All Chief Engineers. P.W.D. Chhattisgarh.
5. All Superintending Engineer, P.W.D. Chhattisgarh.
6. Chief Technical Examiner (V) C.G. Nawa Raipur.
7. Accountant General, C.G. Raipur.
8. All Collectors, Chhattisgarh.
9. All Executive Engineer, P.W.D. Chhattisgarh.
10. Website Public Works Department http://www.cg.nic.in/pwdraipur.

18/6

Engineer-in-Chief
Public Works Department
Nawa Raipur, Atal Nagar (C.G.)