OFFICE OF THE ENGINEER-IN-CHIEF

P.W.D. NIRMAN BHAVAN, NAYA RAIPUR (CHHATISGARH)

AMMENDMENT NO. 04

No. 65010/336 /SOR/ Naya Raipur, Dated 08/11/2017

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

(A). Chapter-7

Item No. 7.4 is added as given below.

Item No. 7.5 is added as given below.

Item No. 7.6 is added as given below.

Item No	Description	Unit	Rate Rs
7.4	Providing reinforced earth structure (RE wall) with Geogrid by providing all required materials such as pre cast facia panels/facia block, in M-35 (As per specifications and approved design & drawing) steel reinforcement (Fe-500) Friction ties, Polymeric loops, Anchor pin including necessary soling 300mm depth and bed concrete in M-20 grade 250mm depth as directed by Engineer in charge. Casting leveling pad for fixing facia panels/block in line & level as per approved drawing & specifications. (**Note :-** The compacted earth filling to be retained shall be part of embankment and the same is to be worked out, provided and paid separately as per specifications)	Sqm	4900.00
7.5	Providing and laying Plain/Reinforced cement concrete in sub-structure complete as per drawing and technical specifications section 1500, 1700 and 2200 (Newly laid concrete shall be covered by gunny bags). (For Capping beam only)		
	With Batching Plant, Transit Mixer and Concrete pump R.C.C. Grade M-30	Cum	6440.00
7.6	Supplying, fitting and placing HSD (High Strength Deformed Steel) bars reinforcement in sub-structure complete as per drawing and technical specifications section 1600 and 2200. (For Capping beam only)	MT	69002.00

(B) Note No. 39 (a) to (g) is added below note no. 38 of GENERAL NOTES of Road S.O.R. with effect from 01.01.2015

39. For reinforced earth structure :-

(a) The Specification and construction details to be adopted shall be as per MORT&H Specifications.

(b) Drainage arrangement shall be made as per approved design and drawings.

(c) The quantity of filler media shall be calculated as per approved design and specifications and shall be priced separately. The rate for same to be adopted from applicable SOR.

(d) Length of reinforcing strips will vary with the height of wall and will be as per approved design and drawings.

(e) The type of reinforcing elements to be adopted shall be as per approved design and specifications.

(f) The earth fill materials shall be clean, free draining, granular with high friction and low cohesion, non-corrosive, coarse grained with not exceeding 10 percent of particles passing 75 micron sieve, free from any deleterious matter, chlorides, salts, acids, alkalies, mineral oil, fungus and microbes and shall be of specified pH value.

The amendments shall be applicable with immediate effect.

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

Endt. No. 65010/336 /SOR/ Naya Raipur, Dated 08/11/2017

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. Raipur.
3. Secretary, Finance Department C.G. Govt. Raipur
4. All Chief Engineers. P.W.D. Chhattisgarh.
5. All Superintending Engineer, P.W.D. Chhattisgarh.
6. Chief Technical Examiner (V) C.G. 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.

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