

मध्यप्रदेश ग्रामीण सड़क विकास प्राधिकरण

(म.प्र.शासन, पंचायत एवं ग्रामीण विकास विभाग के अधीन)

(म.प्र. सोसाइटी रजिस्ट्रीकरण अधिनियम 1973 के अधीन पंजीकृत संस्था : पंजीयन क्रमांक 8746/2000)

खण्ड-2, पंचम तल, पर्यावास भवन, अरेरा हिल्स भोपाल

क्र. : 6844 / 22 / वि-12 / ग्रा.स.वि.प्रा. / टी-1 / 414 / 21 भोपाल दि. : 27 / 04 / 2021

ADDENDUM-01 (SSR w.e.f. 05.11.2019)

मध्यप्रदेश ग्रामीण सड़क विकास प्राधिकरण भोपाल द्वारा जारी एसएसआर (दि. 05.11.2019 से लागू) के अध्याय क्रमांक 03 में 3.3F एवं अध्याय क्रमांक 04 में आयटम क्रमांक 4.12(VI) 4.17, 4.18, 4.19, 4.20 एवं 4.21 सम्मिलित करते हुए निम्नलिखित जोड़ा जाता है -

Item No.	Description	Unit	Rate (Rs.)
3.3F	Deduct from Item No. 3.3A and 3.3B for construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures or from borrow area graded by motor grader and compacted by using vibratory rollers of 80 to 100 kN	Cum	76.00
4.12(VI)	Deduct from Item No. 4.12.I,II,III if compaction is not done by vibratory roller of 80-100 kN static weight to achieve the desired density.	Cum	100.00
4.17	Stabilization of in-situ (existing pavement crust) or soil or otherwise sub base/ base course up to the required depth by cold in-situ recycling using chemical additives / otherwise: Providing pulverizing, spreading, milling and mixing of chemical additives at the appropriate rate as per job mix design in accordance with IRC : SP: 89 : Part II - 2018 .""Cementitious additive@rate of minimum 4- 7% should be spread on the existing pavement using a mobile truck mounted containerized cement/ additive spreader with micro processor controlled weighing and spreading system. The additive spreader shall have variable working width sufficient to cover whole pavement lane. The in-situ stabilization process shall be carried out by a mobile and self propelled stabilizer/ reclaiming of working width of 2- 2.4 m width minimum engine horse power of 440 kw with a variable Working depth up to 50 cm. The resultant stabilized mix would be profiled to the required grade, level and thickness using motor grader and the mix would be compacted using 20 tonne pad foot roller in combination with smooth wheel roller to achieve Desired - proctor-Density as per job mix and complete in all respect and curing with water as required including all materials, labour and machinery etc. The entire in-situ process would be carried out in single pass with milling and pulverizing of damaged asphalt pavement / soil/ aggregates / soil-aggregate mixture to the desired depth and with simultaneous addition of additives and water with machine integrated spray bars fitted on the wheeled self-propelled and vibratory pad foot roller to achieve the desired proctor density in all respects. The tandem roller be followed by Pneumatic Tyre Roller. The minimum unconfined compressive strength (UCS) of stabilized sub base should be 3 MPa after 7-28 days for low volume roads (<2msa traffic) as per IRC SP 72-2015 and 4.5 to 7 MPa after 7-28 Days for other roads (>2msa) as per IRC 37:2018 and Curing as per IRC : SP: 89 : Part II - 2018 Also durability aspects (wet-dry cycles) of stabilized sub base should be satisfied as per IRC : SP:89: Part II - 2018. The train of equipments to be used are: Binder Spreader- Water Tanker truck - Additive Truck - Recycler - Pad Foot Roller (20 ton) + Single Drum Comp - Grader - Tandem Roller - Pneumatic Tyre Roller (20 ton).		
A	With 5 % Cement (4% Additive of Cement Qty)	Cum	3582.00
B	With 5.5 % Cement (4% Additive of Cement Qty)	Cum	3844.00
C	With 6.0 % Cement (4% Additive of Cement Qty)	Cum	4107.00
4.18	Stress absorbing membrane (SAM) with crack width 6 mm to 9 mm		
	Providing and laying of a stress absorbing membrane over a Stabilized Base, after cleaning with a mechanical broom, using Elastomeric modified binder complying with clause 521, sprayed at the rate of 11 kg per 10 sqm and spreading 11.2 mm crushed stone aggregates @ 0.12 cum per 10 sqm, sweeping the surface for uniform spread of aggregates and surface finished to conform to clause 902.	Sqm	61.00

(Handwritten Signature)

4.19	<p>Stabilized SubBase: Providing, Laying, Spreading and Compacting in-situ/borrow area soil of CBR >5% mixed with 30 % crushed aggregate / GSB Grade II as per mix design for normal coarse</p> <p>Application:</p> <p>(1) Rip and loosen soil with excavator / tractor operated ripper. Scarify soil with tractor operated rotavator upto the desired thickness. Mix crushed aggregates/GSBII as per mix design.</p> <p>(2) Spread Cement 3% by weight of soil aggregate mix on the above soil and mix with tractor operated ripper and rotavator.</p> <p>(3) Apply 0.75 kg /cum organosilane Nanotechnology and 0.75 kg/cum of nano acrylic Co-Polymer mixed in OMC water (<1000 ppm TDS), on the above mix and scarify it tractor operated ripper and rotavator.</p> <p>(4) Compact the stabilized soil-aggregate-cement base with 8 to 10 tonne vibratory roller to achieve stone embedded layer with the desired density and thickness.</p> <p>Rates include all material, labour, hire charges of machinery etc. as per MoRD specifications & direction of Engineer-in-Charge.</p>	Cum	1548
4.20	<p>Stabilized Base: Providing, Laying, Spreading and Compacting in-situ/borrow area soil of CBR >5% mixed with 30 % crushed aggregate / GSB Grade II as per mix design for normal coarse</p> <p>Application:</p> <p>(1) Rip and loosen soil with excavator / tractor operated ripper. Scarify soil with tractor operated rotavator upto the desired thickness. Mix crushed aggregates/GSBII as per mix design.</p> <p>(2) Spread Cement 4% by weight of soil aggregate mix on the above soil and mix with tractor operated ripper and rotavator.</p> <p>(3) Apply 0.75 kg /cum organosilane Nanotechnology and 0.75 kg/cum of nano acrylic Co-Polymer mixed in OMC water (<1000 ppm TDS), on the above mix and scarify it tractor operated ripper and rotavator.</p> <p>(4) Spread 20-30mm size aggregates on the graded soil surface to form 20-25 mm thick soil-aggregate-cement layer.</p> <p>(5) Compact the stabilized soil-aggregate-cement base with 8 to 10 tonne vibratory roller to achieve stone embedded layer with the desired density and thickness.</p> <p>Rates include all material, labour, hire charges of machinery etc. as per MoRD specifications & direction of Engineer-in-Charge.</p>	Cum	1795
4.21	<p>Waterproofing on top compacted (as per relevant MoRD specification) sub Grade soil base, shoulders with Organosilane Nanotechnology & nano acrylic co-polymer with water (<1000 ppm TDS) in the ratio of 1 kg Organosilane Nanotechnology:1 kg nano acrylic co-polymer :200 liter water spray @ 3 liter /sqm in two spray applications (1.5 liter + 1.5 liter) as per direction of the Engineer-in-charge.</p>	Sqm	13.00

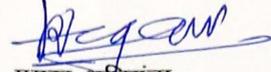
उपरोक्तानुसार आयटम एसएसआर (दिनांक 05.11.2019 से लागू) में अध्याय क्रमांक 03 एवं 04 में अतिरिक्त आयटम के रूप में जोड़ा गया है। यह ADDENDUM तत्काल प्रभाव से लागू होगा।


(पी.के. निगम प्र.प. 2)

प्रमुख अभियंता
म.प्र. ग्रामीण सड़क विकास प्राधिकरण
भोपाल (म.प्र.)

पू.क्र. 6845 /22/वि-12/ग्रा.स.वि.प्रा./टी-1/414/21, भोपाल दि. : 27/04/2021
प्रतिलिपि -

1. निर्देशक (तक), एनआरआरडीए, पंचम तल, एनबीसीसी टॉवर, भकाजी कॉमा प्लेस, नई दिल्ली
2. मुख्य महाप्रबंधक (समस्त), म.प्र. ग्रामीण सड़क विकास प्राधिकरण ।
3. मुख्य महाप्रबंधक (वित्त), म.प्र. ग्रामीण सड़क विकास प्राधिकरण, मुख्यालय भोपाल ।
4. वित्तीय सलाहकार, म.प्र. ग्रामीण सड़क विकास प्राधिकरण, मुख्यालय भोपाल ।
5. STA, MANIT Bhopal, Govt. Engg. College Jabalpur, GSITS Indore & MITS Gwalior को सूचनार्थ ।
6. महाप्रबंधक-तक. (समस्त), म.प्र. ग्रामीण सड़क विकास प्राधिकरण ।
7. महाप्रबंधक (समस्त), म.प्र. ग्रामीण सड़क विकास प्राधिकरण पीआईयू को सूचनार्थ ।
8. प्रबंधक आईटी, म.प्र. ग्रामीण सड़क विकास प्राधिकरण मुख्यालय भोपाल की ओर प्रेषित कर लेख है कि Addendum पत्र को www.mprda.com वेबसाईट पर अपलोड करें।



प्रमुख अभियंता
म.प्र. ग्रामीण सड़क विकास प्राधिकरण
भोपाल (म.प्र.)