

P.L. 4/10-20
22/7/20

**8th ADDENDA & CORRIGENDA
TO THE PWD (WB), SCHEDULE OF RATES- 2018
Volume III: Road & Bridge Works**

Dated : 22nd. July 2020.

A. CORRIGENDA OF SCHEDULE OF RATES - 2018

1. Following Corrections are to be made to the TABLE NO. 3.2-1: Approximate Quantities of Materials Required For Design Mix Concrete (Page 211 of SOR 2018):

| Page No. | Sl. No. / Item | Concrete Grade | Cement Content / m ³ of concrete | In place of | To be read as |
|----------|----------------|----------------|---|----------------------------|----------------------------|
| | | | | Recommended type of cement | Recommended type of cement |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 211 | TABLE 3.2-1 | M 35 | 440.00 Kg | OPC 43/53 | OPC 43/53 / PSC / PPC |
| | | M 40 | 450.00 Kg | OPC 43/53 | OPC 43/53 / PSC / PPC |
| | | M 45 | 450.00 Kg | OPC 53 | OPC 43/53 / PSC / PPC |
| | | M 50 | 450.00 Kg | OPC 53 | OPC 43/53 / PSC / PPC |
| | | M 55 | 450.00 Kg | OPC 53 | OPC 43/53 / PSC / PPC |

2. Following Corrections are to be made to the TABLE NO. 3.3-1: Approximate Quantities of Materials Required For Sub-Base, Bases & Surface Course Items (Page 212 of SOR 2018):

| Page No. | Sl. No. / Item | Brief Description | Unit | In place of | To be read as |
|--------------------------|----------------|--|------|--|--|
| | | | | Materials | Materials |
| 1 | 2 | 3 | 4 | 5 | 6 |
| TABLE 3.3-1 213 - 216 | 5.05 | Dense Bituminous Macadam : a) Grading - 1 b) Grading - 2 | Cum | Filler @ 2% (Lime Stone Dust / Cement) | Filler @ 2% (Cement / Hydrated lime / Rock Dust) |
| | 5.06 | Sand Asphalt Base Course | Cum | Filler (Lime) @ 2% | Filler @ 2% (Cement / Hydrated lime / Rock Dust) |
| | 5.08 | Bituminous Concrete : a) Grading - 1 b) Grading - 2 | Cum | Filler @ 2% (Lime Stone Dust) | Filler @ 2% (Cement / Hydrated lime / Rock Dust) |
| | 5.15 | Slurry Seal | Cum | Cement Filler | Ordinary Portland Cement Filler |
| | 5.17 | Bituminous Cold Mix | Cum | Filler @ 2% (Lime Stone Dust) | Filler @ 2% (Hydrated lime) |
| | 5.20 | Recycling of Bituminous Pavement with Central Cycling Plant | Cum | Filler (Cement) @ 2% of 2.3 t | Filler (Cement / Hydrated lime / Rock Dust) |
| | 5.23 | Stone Matrix Asphalt | Cum | Lime | Hydrated Lime / Stone Dust |

3. Following Corrections are to be made to the TABLE NO. I-2 EX-OUTLET PRICES OF BITUMEN (Page 219 of SOR 2018) :

| Page No. | Sl. No. / Item | Description of item | Unit | In place of | | To be read as | |
|----------|----------------|---|------|-----------------------|---------------------------|-----------------------|---------------------------|
| | | | | Rates at outlets (Rs) | | Rates at outlets (Rs) | |
| 1 | 2 | 3 | 4 | 5 | | 6 | |
| 219 | TABLE I-2 | EX-OUTLET PRICES OF BITUMEN | | At Haldia | At Dhulagarh Jn.(on NH-6) | At Haldia | At Dhulagarh Jn.(on NH-6) |
| | 14. | Polymer modified emulsion (Packed) | MT | *** | 43900.00 | *** | 37960.00 |
| | 16 (New) | Polymer modified emulsion (Bulk) | MT | *** | *** | *** | 33960.00 |
| | 17 (New) | Cationic Bitumen Emulsion : RS-1 (Packed) | MT | *** | *** | *** | 31800.00 |
| | 18 (New) | Cationic Bitumen Emulsion : SS-1 (Packed) | MT | *** | *** | *** | 36000.00 |
| | 19 (New) | Cationic Bitumen Emulsion : RS-1 (Bulk) | MT | *** | *** | *** | 28800.00 |
| | 20 (New) | Cationic Bitumen Emulsion : SS-1 (Bulk) | MT | *** | *** | *** | 33000.00 |

4. Following correction is to be made to the item as shown below :

| Page No. | Item / Sl. No. | In place of | To be read as |
|----------|----------------|---|--|
| 253 | 5.05 | <p>Dense Bituminous Macadam Providing and laying dense bituminous macadam with Hot Mix Plant producing an average output of 75 tonnes per hour using coarse aggregate, fine aggregate, filler and bituminous binder as per design Job Mix Formula conforming Marshall Method as per specification, including screening, cleaning of chips and preparing a uniform and quality mix in Hot Mix Plant and ensuring a homogeneous mix, in which all particles of the mineral aggregates are coated uniformly, transporting the hot mix to work site, laying the mixed materials at specified laying temperature with a hydrostatic paver finisher with sensor control to the required grade, level and alignment over prepared surface coated with tack coat, rolling with smooth wheeled, vibratory and tandem rollers for break down, inter-mediate and finished rolling to achieve the desired density of at least 98% of that of Laboratory Marshall specimen, hand packing and pinning to give an even surface including cost and carriage of bitumen, coarse and fine aggregates and filler materials and hire charges of machinery and equipment for construction and quality control, fuels and lubricants and wages of operational staff complete as per Clause 505 of Specifications for Road & Bridge Works of MoRT&H (5th Revision).</p> | <p>Dense Bituminous Macadam Providing and laying dense bituminous macadam with Hot Mix Plant using crushed aggregate of specified grading, filler (Cement /hydrated lime / Rock dust) premixed with bituminous binder of approved grade @4.0% (min) for Grading -1 and 4.5% (min) for Grading -2 by weight of total mix as per table 500-10 and mix design done as per table 500-11 and job mix formula as per clause 505.3.3 of MoRT&H (5th Revision), including screening, cleaning of chips, transporting the hot mix to work site, laying the mixed materials at specified laying temperature, as specified in Table 500-2 with a hydrostatic paver finisher with sensor control to the required grade, level and alignment over prepared surface coated with tack coat, rolling with smooth wheeled and vibratory or tandem rollers or with a pneumatic tyre roller of 12 to 15 tonne weight with a tyre pressure of at least 0.56 MPa, to achieve the desired density as per clause 505.3.5, all including cost and carriage of bitumen, crushed aggregates, filler materials and hire charges of machinery and equipment for construction and quality control complete as per Clause 505 of Specifications for Road & Bridge Works of MoRT&H (5th Revision).</p> |
| 255 | 5.08 | <p>Bituminous Concrete Providing and laying bituminous concrete with Hot Mix Plant using coarse aggregates, fine aggregates, filler materials and bituminous binder of required specification including screening, cleaning of chips and preparing a uniform and quality mix in Hot Mix Plant and ensuring a homogeneous mix, in which all particles of the mineral aggregates are coated uniformly, transporting the hot mix to work site, laying the mixed materials at specified laying temperature with a hydrostatic paver finisher with sensor control to the required grade, level and alignment over prepared surface coated with tack coat, rolling with smooth wheeled, vibratory and tandem rollers for break down, inter-mediate and finished rolling to achieve the desired density of at least 98% of that of Laboratory Marshall specimen, including cost and carriage of bitumen, coarse and fine aggregates and filler materials and hire charges of machinery and equipment for construction and quality control, fuels and lubricants and wages of operational staff complete as per Clause 507 of Specifications for Road & Bridge Works of MoRT&H (5th Revision).</p> | <p>Bituminous Concrete Providing and laying bituminous concrete with Hot Mix Plant using crushed aggregates, filler materials (Cement /hydrated lime /Rock dust) and premixed with bituminous binder of specified grading @5.2% (min) for Gr.-1 & @5.4% (min) for Gr.-2, as per table 500-17 and mix design done as per table 500-10 and job mix formula as per cl. 505.3.3, including screening, cleaning of chips and preparing a uniform and quality mix, transporting the hot mix to work site, laying the mixed materials at specified laying temperature as specified in Table 500-2 with a hydrostatic paver finisher with sensor control to the required grade, level and alignment over prepared surface coated with tack coat, rolling with smooth wheeled and vibratory or tandem rollers or with a pneumatic tyre roller of 12 to 15 tonne weight with a tyre pressure of at least 0.56 MPa, to achieve the desired density as per clause 505.3.5, including cost and carriage of bitumen, crushed aggregates, filler materials and hire charges of machinery and equipment for construction and quality control, complete as per Clause 507 of Specifications for Road & Bridge Works of MoRT&H (5th Revision).</p> |

B. ADDENDA OF SCHEDULE OF RATES - 2018:**1. Supply of Different Materials As Per Approved Specification :**

| Page No. & Table No. | Sl. No. | Description of Items | Unit | All Districts of W.B. & Darjeeling Plain of Siliguri Sub-Division Rate (Rs) | Darjeeling Hill Area Rate (Rs) |
|----------------------|-------------|----------------------|------|--|---------------------------------|
| 223 Table II-1 | 11 (New) | Hydrated Lime powder | Kg | 7.50 | 7.50 |

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