

Name of work: - Hire charges for Pneumatic tyre roller for laying of HOT MIX materials for different site of work (including Machinery Driver, Operator Oil, Fuel Etc.) for works to be carried out under Chiloda Govt. Hot Mix Plant as and when required on various roads work.

SPECIFICATION

Item No.1

Hire charges for Pneumatic tyre roller with 8 rubber tire having 8 to 10 tone capacity for finishers with driver, operator, oil, fuel and maintaining the same for laying the mix materials as directed etc. comp.

Bituminous materials shall be laid and compacted in layers which enable the specified thickness, surface level, regularity requirement and compaction to be achieved.

Compaction of bituminous materials shall commence as soon as possible after laying. Compaction shall be substantially completed before the temperature falls below the minimum rolling temperatures stated in the relevant part of these Specifications. Rolling of the longitudinal joints shall be done immediately behind the paving operation. After this, rolling

shall commence at the edges and progress towards the centre longitudinally except that on super elevated and unidirectional cambered portions, it shall progress from the lower to the upper edge parallel to the centre line of the pavement. Rolling shall continue until all roller marks have been removed from the surface. All deficiencies in the surface after laying shall be made good by the attendants behind the paver, before initial rolling is commenced. The initial or breakdown rolling shall be done with 8-10 tonnes dead weight smooth-wheeled rollers. The intermediate rolling shall be done with 8-10 tonnes dead weight or vibratory roller or with a pneumatic tyred roller of 12 to 15 tones weight having nine wheels, with a tyre pressure of at least 5.6 kg/sq.cm. The finish rolling shall be done with 6 to 8 tones smooth wheeled tandem rollers.

Where compaction is to be determined by density of cores the requirements to prove the performance of rollers shall apply in order to demonstrate that the specified density can be achieved. In such cases the Contractor shall nominate the plant, and the method by which he intends to achieve the

specified level of compaction and finish at temperatures above the minimum specified rolling temperature. Laying trials shall then demonstrate the acceptability of the plant and method used.

Bituminous materials shall be rolled in a longitudinal direction, with the driven rolls nearest the paver. The roller shall first compact material adjacent to joints and then work from the lower to the upper side of the layer, overlapping on successive passes by at least one-third of the width of the real roll or, in the case of a pneumatic-tyred roller, at least the nominal width of 300mm

In portions with super-elevated and uni-directional camber, after the edge has been rolled, the roller shall progress from the lower to the upper edge.

The payment shall be made working day basis.

The payment shall be made for actual working day and payment

shall not be made for idle 8 Hours. A day. The contractor shall have to maintain the records of the timings and Hour to Hour working in consultation with Engineer in charge.

Dated signature of contractor.

Executive Engineer,
Capital Project Division No.3,
Gandhinagar.

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GENERAL CONDITION

- 1 The contractor shall have to supply the all vehicles and machineries with driver, operator (helper) incl. all running cost like fuel, oil etc, and maintaining the machineries in good condition for the operation at his own cost of Insurance of driver helper & other operative staff various functions either at Chiloda hot mix plant site or at various roads site as directed.
- 2 The vehicles which is approved and permitted by the RTO shall be supplied for the works only. RTO, insurance and any such charge are to be borne by the contractor.
- 3 During the operation if accident occurs or any such thing happens the contractor shall be responsible for such matters. The contractor shall have to borne all the cost and has to arrange to face all legal matters.

- The department will not be responsible for any such matters.
- 4 The contractor shall have to make agreement in advance as directed by the Engineer in charge for various functions at different site of works to maintain the smooth progress of work to get qualitative work.
 - 5 The contractor shall have to co - operate in the whole operation of work for various functions as directed by the engineer in charge and he shall not be paid any extra cost by the department.
 - 6 If in case nay shortage or damage to the Govt. material is occurred the double cost will be recovered from contractor's SD as decided by the Executive Engineer.
 - 7 If the contractor fails to maintain the proper operation of whole work , the decision of the Executive Engineer shall be final for both the parties and if any financial loss to the department it be recovered from the contractor. The contractor shall have to manage with advance planning..if he fails he shall be held responsible for such events

8. The rate shall remain in effect upto 12 (Twelve) months form the date of work order.
- 9 The contractor is bound to carry out work effectively as directed by the Engineer in charge. The Engineer in charge may ask for the performance test before starting the work. It contractor fails in performance test the decision of the Executive Engineer will be final and binding for both the parties and if any financial loss to the department, it will be recovered from the contractor. The work shall be carried out as per the directives of specification MORT&H or as directed by the Engineer in charge.
- 10 Contractor has to make arrangement of machinery within 24 hrs. of order placed or informed. If contractor fails to make arrangement within 24 hrs of intimation Rs. 1000.00 per day penalty shall be recovered from contractor for delay from his bill or security deposit.

Dated signature of contractor.

Executive Engineer,
Capital Project Division No.3,
Gandhinagar.

