

Name of Work :- Providing and operating Paver finisher, Pneumatic Road roller, Milling Machine and Dumper for Laying Hot Mix material Supplied by palodar hot mix plant in jurisdiction of R&B Division Mehsana (Annual Rate)

GENERAL TECHNICAL SPECIFICATION

Item No. :- 1 Providing and operating sensor control Paver finisher having minimum screed size of 7.5 meter with automatic grade and slope control with all necessary sensors for Laying Hot Mix material Supplied by palodar hot mix plant at Road site work under Judi- striction of R&B Division including all machinery, tools, labours, operating cost, overheads, oil, fuels etc with all lead and lift as directed by engineer in charge.

Charges for Providing and operating Paver Finisher Hydrostatic with sensor control -170 HP at Various roads as Directed by engineer in charge including shifting of paver finisher by Own Vehicle including loading, unloading, incl. cost of Diesel, Oil & Driver etc. as directed by Engineer in Charge.

- The Contractor shall have to remain in touch with concern officers of hot mix plant and Paver site representative to take delivery of hot mix materials by plant site to paver site as instructed by concern officer.
- Necessary arrangement will have to be made by contractor to cart required man power machinery and fuels for smooth operation of paver finisher on site of work by its own cost.
- Contractor has to produce valid Registration documents of Vehicle and Driver's licences along with valid insurance of vehicle.
- While laying of hot mix materials from plant site if any loss/damage of life/property/asset is noted at paver site the contractor shall be held responsible and such loss will be recovered by department at contractors cost .

- Contractor shall make arrangement for vehicle & drivers as directed by Engineer in Charge.
- Contractor has to provide paver finisher at any time and place day/night as required by engineer in charge.
- No payment shall be done for ideal condition of paver due to plant failure, non-working day of plant, or any other Natural of accidental problem may arise.
- Slope sensor, Grade sensor, multi cell sonic sensor, Electric screed heating etc all sensor's provided by Manufacturer shall be in working condition. Final decision of sensor operation shall be authority of engineer in charge.
- Payment shall be done on Hour basis with all above condition including of all manpower, machinery and fuels etc required for successful operation of Paver finisher.

Item No. :- 2 Providing and operating sensor control Paver finisher having minimum screed size of 5.50 meter with automatic grade and slope control with all necessary sensors for Laying Hot Mix material Supplied by palodar hot mix plant at Road site work under Judi- striction of R&B Division including all machinery, tools, labours, operating cost, overheads, oil, fuels etc with all lead and lift as directed by engineer in charge.

Charges for Providing and operating Paver Finisher Hydrostatic with sensor control at Various roads as Directed by engineer in charge including shifting of paver finisher by Own Vehicle including loading, unloading, incl. cost of Diesel, Oil & Driver etc. as directed by Engineer in Charge.

- The Contractor shall have to remain in touch with concern officers of hot mix plant and Paver site representative to take delivery of hot mix materials by plant site to paver site as instructed by concern officer.

- Necessary arrangement will have to be made by contractor to cart required man power machinery and fuels for smooth operation of paver finisher on site of work by its own cost.
- Contractor has to produce valid Registration documents of Vehicle and Driver's licences along with valid insurance of vehicle.
- While laying of hot mix materials from plant site if any loss/damage of life/property/asset is noted at paver site the contractor shall be held responsible and such loss will be recovered by department at contractor's cost .
- Contractor shall make arrangement for vehicle & drivers as directed by Engineer in Charge.
- Contractor has to provide paver finisher at any time and place day/night as required by engineer in charge.
- No payment shall be done for ideal condition of paver due to plant failure, non-working day of plant, or any other Natural or accidental problem may arise.
- Slope sensor, Grade sensor, multi cell sonic sensor, Electric screed heating etc all sensor's provided by Manufacturer shall be in working condition. Final decision of sensor operation shall be authority of engineer in charge.
- Payment shall be done on Hour basis with all above condition including of all manpower, machinery and fuels etc required for successful operation of Paver finisher.

Item No. :- 3 Engaging Pneumatic Road Roller for rolling Hot Mix material Supplied by palodar hot mix plant including all machinery,tools,labours,operating cost,overheads,oil,fuels etc with all lead and lift.

Charges for Providing and operating Pneumatic Road Roller with at Various roads as Directed by engineer in charge including shifting of roller by Own Vehicle

including loading, unloading, incl. cost of Diesel, Oil & Driver etc. as directed by Engineer in Charge.

- The Contractor shall have to remain in touch with concern officers of hot mix plant and Paver site representative to take delivery of hot mix materials by plant site to paver/patch site as instructed by concern officer.
- Necessary arrangement will have to be made by contractor to cart required man power machinery and fuels for smooth operation of roller on site of work by its own cost.
- Contractor has to produce valid Registration documents of Vehicle and Driver's licences along with valid insurance of vehicle.
- While laying of hot mix materials from plant site if any loss/damage of life/property/asset is noted at paver/patch site the contractor shall be held responsible and such loss will be recovered by department at contractors cost .
- Contractor shall make arrangement of traveling and accomodation for vehicle & drivers as directed by Engineer in Charge.
- Contractor has to provide roller finisher at any time and place day/night as required by engineer in charge.
- No payment shall be done for ideal condition of roller due to plant failure, non-working day of plant, or any other Natural/man made of accidental problem may arise.
- all sensor's of roller provided by Manufacturer shall be in working condition. Final decision of sensor operation shall be authority of engineer in charge.
- Payment shall be done on Hour basis with all above condition including of all manpower, machinery and fuels etc required for successful operation of Pneumatic Road Roller for patch/paver work.

Item No.: - 4 Engaging Vibrator Roller of 8 to 10 tonne capacity as per instructions of

Engineer in charge

Charges for Providing and operating Pneumatic Road Roller with at Various roads as Directed by engineer in charge including shifting of roller by Own Vehicle including loading, unloading, incl. cost of Diesel, Oil & Driver etc. as directed by Engineer in Charge.

- The Contractor shall have to remain in touch with concern officers of hot mix plant and Paver site representative to take delivery of hot mix materials by plant site to paver/patch site as instructed by concern officer.
- Necessary arrangement will have to be made by contractor to cart required man power machinery and fuels for smooth operation of roller on site of work by its own cost.
- Contractor has to produce valid Registration documents of Vehicle and Driver's licences along with valid insurance of vehicle.
- While laying of hot mix materials from plant site if any loss/damage of life/property/asset is noted at paver/patch site the contractor shall be held responsible and such loss will be recovered by department at contractor's cost.
- Contractor shall make arrangement of traveling and accommodation for vehicle & drivers as directed by Engineer in Charge.
- Contractor has to provide roller finisher at any time and place day/night as required by engineer in charge.
- No payment shall be done for ideal condition of roller due to plant failure, non-working day of plant, or any other Natural/man made of accidental problem may arise.
- all sensors of roller provided by Manufacturer shall be in working condition. Final decision of sensor operation shall be authority of engineer in charge.

- Payment shall be done on Hour basis with all above condition including of all manpower, machinery and fuels etc required for successful operation of Pneumatic Road Roller for patch/paver work.

Item No. :- 5 Milling the existing bituminous pavement up to a depth of 50 mm by milling machine in a single cutting depth, to make a uniform surface without disturbing the base including diversion of traffic, removing milled materials and disposal of milled material to an approved dumping yard including loading and unloading, all leads and lift, fuel, lubricant charges etc complete.

- Charges for miling existing Bitumen surface with mechanical Machine at Various roads as Directed by engineer in charge including shifting of Miling Machine by Own Vehicle including loading, unloading, incl. cost of Diesel, Oil & Driver etc. as directed by Engineer in Charge.
- The Contractor shall have to remain in touch with concern officers of hot mix plant and Paver site representative for Miling location and timing site to paver/patch site as instructed by concern officer.
- Necessary arrangement will have to be made by contractor to cart required man power machinery, miling material to nearest approved dumping yard and fuels for smooth operation of roller on site of work by its own cost.
- Contractor has to produce valid Registration documents of Vehicle and Driver's licences along with valid insurance of vehicle whenever required by Engineer in charge.
- While miling existing bitumen surface on site if any loss/damage of life/property/asset is noted at paver/patch site the contractor shall be held responsible and such loss will be recovered by department at contractor's cost.

- Contractor shall make arrangement of traveling and accommodation for vehicle & drivers as directed by Engineer in Charge.
- Contractor has to provide milling machine at any time and place day/night as required by engineer in charge.
- No payment shall be done for ideal condition of roller due to plant failure, non-working day of plant, or any other Natural/man made of accidental problem may arise.
- all sensors of milling machine provided by Manufacturer shall be in working condition and final milling surface is meant to be uniform depth. Final decision of sensor operation shall be authority of engineer in charge.
- All milling material shall be transported to **approved dumping yard** or **Hot mix Plant Palodar** by contractor's own machinery via dumper/truck without any extra cost payable to contractor.
- Payment shall be done on Cmt basis with all above condition including of all manpower, machinery and fuels etc required for successful operation of Milling Machine for patch/paver work.

Item No. :- 6 Carting of Mix/Dry Materials from Government Hot Mix Plant @ Palodar to Various Paver Site including loading, Transporting the Mix/Dry materials and Unloading including the cost of Diesel, Oil, Driver etc. in own Dumper/Turbo as directed by Engineer in Charge.

- Charges for Conveyance of Mix Material from Government Hot Mix Plant Site @ Palodar to Various Paver Site by Own Vehicle including loading, unloading, Transporting the mix materials incl. cost of Diesel, Oil & Driver etc. as directed by Engineer in Charge.

- The Carting Contractor shall have to remain in touch with concern officers of hot mix plant for collecting required gate pass etc. to take delivery of hot mix materials by various paver site as instructed by concern officer. Necessary arrangement will have to be made by contractor to cart same as required by deptt.
- While taking delivery of hot mix materials from plant site if any shortage or loss is noted at paver site the contractor shall be held responsible and such loss will be recovered by department. Contractor shall make arrangement for vehicle & drivers as directed by Engineer in Charge.
- The Payment Shall be made on M.T. Basis of work done as per actual average lead. The average lead shall be decided by Engineer in Charge and it will be binding to contractor.

Deputy Executive Engineer
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