

# AHMEDABAD MUNICIPAL CORPORATION

## SCHEDULE OF RATES 2004-2005 FOR ROAD, FOOTPATH, CENTRAL VERGE & CATCHPIT WORKS

| BASIC OUTPUT RATE OF MATERIALS |                           |                           |           |         |            |                   |              |
|--------------------------------|---------------------------|---------------------------|-----------|---------|------------|-------------------|--------------|
| Sr. No.                        | Particulars               |                           |           |         |            | Unit              | Rate Rs.     |
| 1                              | Spouls                    |                           |           |         |            | CMT               | 347.00       |
| 2                              | Black Trap Metals (40 mm) |                           |           |         |            | CMT               | 403.00       |
| 3                              | Kapchi (20 mm)            |                           |           |         |            | CMT               | 453.73       |
| 4                              | Grit (13.2 mm)            |                           |           |         |            | CMT               | 411.00       |
| 5                              | Grit (6 mm to 10 mm)      |                           |           |         |            | CMT               | 411.00       |
| 6                              | Stone Dust                |                           |           |         |            | CMT               | 261.00       |
| 7                              | Bitumens                  |                           |           |         |            |                   |              |
|                                |                           | Ex koily rate<br>per M.T. | 4% octroi | cartage | 10% Profit | Total per<br>M.T. |              |
|                                | ( i ) 80/100 grade        | 13132                     | 525.28    | 297.22  | 1313.2     | 15267.7           | Kg.<br>15.27 |
|                                | ( ii ) 60/70 grade        | 13887.5                   | 555.5     | 297.22  | 1388.75    | 16128.97          | Kg.<br>16.13 |
| 8                              | Cement                    |                           |           |         |            | Bag               | 175.00       |
| 9                              | Sand                      |                           |           |         |            | CMT               | 162.00       |

**Note:-** The actual volume of the aggregate to be paid for shall be computed after deducting the specified percentages from the volume computed by stack measurement as followed as per MORTH clouse no. 514.5

| Sr. No. | Materials         | Percentage reduction in volume<br>computed by stack measurement to<br>arrive at the volume to be paid for |
|---------|-------------------|---|
| 1       | For Spoul         | 15%   |
| 2       | For Metal         | 10%   |
| 3       | For Grit & Kapchi | 5%  |

In Preparing estimate quantity provision for spouls & metals should be square area multiply by thickness, i.e. square meter x 0.127 mt. For Spouls & square meter x 0.10 mt. For Metals should be taken.

**AHMEDABAD MUNICIPAL CORPORATION**  
**SCHEDULE OF RATES 2004-2005 FOR ROAD, FOOTPATH, CENTRAL**  
**VERGE & CATCHPIT WORKS**

| Sr.<br>No.               | Item   | Unit | Rate for<br>2004-05 |
|--------------------------|--|------|---------------------|
| <b><u>EARTH WORK</u></b> |  |      |                     |
| 1                        | Box cutting the road surface in all sorts of soil, murrum to proper slope and camber for making a base for road work incl. Removing the excavated stuff and depositing on the road side as directed up to 50 mt. Lead  | CMT  | 37.00               |
| 2                        | Earth work in embankment including breaking clods, dressing & levelling in 25 Cms thick layers, with all lead and lift including rolling & compaction with 8 to 12 T roller and watering each layer, filling in depressions which occur during the process etc. complet as directed. |      |                     |
|                          | (I) Lead up to 3 Km.   | CMT  | 110.50              |
|                          | (ii) Lead above 3 up to 5 Km.  | CMT  | 127.19              |
|                          | (iii) Lead above 5 up to 10 Km.  | CMT  | 149.59              |
| 3                        | Conveyance charge of earth, lime, murrum, building rubbish, manure, garbage, sludge, excavated rock, fly ash, aggregates of any kind Including spreading & levelling etc. complete.  |      |                     |
|                          | (I) Lead up to 3 Km.   | CMT  | 59.93               |
|                          | (ii) Lead up to 3 to 4 Km.   | CMT  | 66.78               |
|                          | (iii) Lead up to 4 to 5 Km.  | CMT  | 76.62               |
|                          | (iv) Lead up to 5 to 6 Km.   | CMT  | 81.10               |
|                          | (v) Lead up to 6 to 7 Km.  | CMT  | 85.58               |
|                          | (vi) Lead up to 7 to 8 Km.   | CMT  | 90.06               |
|                          | (vii) Lead up to 8 to 9 Km.  | CMT  | 94.54               |
|                          | (viii) Lead up to 9 to 10 Km.  | CMT  | 99.02               |
| 4                        | Rolling and consolidation of earth including filling in depression occurred during the process with Power rollar 8T to 12T.  | CMT  | 1.80                |
| 5                        | Watering of earth work as dire.  | CMT  | 1.70                |

| <b>Sr.<br/>No.</b>           | <b>Item</b>  | <b>Unit</b> | <b>Rate for<br/>2004-05</b> |
|------------------------------|--|-------------|-----------------------------|
| <b><u>BASE COURSE</u></b>    |  |             |                             |
| 6                            | Supplying of graded hand broken stone aggregate of 90 to 127 mm size at site (Spouls)  | CMT         | 347.00                      |
| 7                            | Labour charges of spreading the spouls 127 mm th. Layer good earth filling in voids correcting the grade and camber comp. With rolling, watering, including preparing the surface by brushing for removing all loose or dirt etc. complete.  | SMT         | 11.65                       |
| <b><u>WEARING COURSE</u></b> |  |             |                             |
| 8                            | Supply of graded machine cut black trap stone aggregate of Sevaliya/Timba or equivalent quality. Metal of size 25 mm to 40 mm  | CMT         | 403.00                      |
| 9                            | Labour work for spreading the metal in total 100mm th. in two uniform layers each of 50 mm thick, including providing and applying bitumen for semi grouting 1.5 kg/sq.mt. for each layer (in both layer) & providing and spreading the key black trap aggregate of Sevaliya/Timba or equivalent quality on top (second) layer at the rate of 0.013 cmt Per sq.mt. of size 18 mm passing & 9.5 mm retained. Rolling with 10 T. roller etc. complete as directed  | SMT         | 64.85                       |
| 10                           | Providing & laying hot mix LBM with 80/100 grade bitumen content 3.3 to 3.5% of average 75 mm compacted thickness with black trap aggregate of Sevaliya/Timba or equivalent quality sizes specified in MORTH clause no. 504.2.3, Table no. 500-4 of items prepared in hot mix plant including carting the mix to the site of work, applying tack coat by using given bitumen grade at a rate of 5.0 Kgs. / 10 Sq.mt., spreading the mix with paver with tamping arrangement and rolling with atleast two roller out of which one vibratory roller 8 to 10 Ton capacity as directed. Rate also includes spreading dust/fine sand (80/100 grade Bitumen) | MT          | 1117.00                     |

| Sr.<br>No. | Item  | Unit | Rate for<br>2004-05 |
|------------|---|------|---------------------|
| 11         | Providing & laying 50 mm compacted thickness of hot mix DBM with 80/100 grade bitumen content 4.3 to 4.5 % with black trap aggregate of Sevaliya/Timba or equivalent quality sizes specified in MORTH clause no. 507.2.5, Table no. 500-9 of the items, prepared in hot mix process including carting the mix to the site of work. Before applying the tack coat the road surface shall be cleaned either manually or mechanical cleaners as to the satisfaction of Engineer in charge. There after applying tack coat of given bitumen grade at the rate of 2.5 Kgs. / 10 Sq.mt., spreading the mix with paver with tamping arrangement and rolling with atleast two roller out of which one vibratory roller 8 to 10 Ton capacity as directed. Rate also includes spreading dust/fine sand (80/100 grade Bitumen) | MT   | 1300.00             |

### **FINISHED COURSE**

|    |   |    |         |
|----|---|----|---------|
| 12 | Providing & laying B.C. prepared by hot mix process in 40 mm compacted thickness with 60/70 grade bitumen content 5.3 to 5.5% with black trap aggregate of Sevaliya/Timba or equivalent quality size specified in MORTH clause no. 512.2.5, Table no. 500-23, including carting the mix to the site of work. Before applying the tack coat the road surface shall be cleaned either manually or mechanical cleaners as to the satisfaction of Engineer in charge. There after applying tack coat of given bitumen grade at the rate of 2.5 Kgs. / 10 Sq.mt., spreading the mix with paver with tamping arrangement and rolling with atleast two roller out of which one vibratory roller 8 to 10 Ton capacity, spreading the dust or sand etc. comp. as directed. (60/70 grade Bitumen) | MT | 1520.00 |
|----|---|----|---------|

| Sr.<br>No. | Item | Unit | Rate for<br>2004-05 |
|------------|------|------|---------------------|
|------------|------|------|---------------------|

**FOOTPATH & CENTRAL VERGE**

**13 Kerb Stone Fixing**

Supplying and fixing M-20 grade using black trap aggregate of Sevaliya/Timba or equivalent quality 20 mm. nominal size for pre-cast exposed finish, formwork using rubber/FRP mould for kerb stones of approved design including curing, etc. complete, including the cost of formwork etc. complete. The rate shall also include excavation and erecting and fixing the kerbs in position with necessary equipments and materials. The rate shall also include the flush pointing in CM (1:2) for all joints including kerb stones for 150mm x 300 mm x 250 mm (Sample must be approved) Gravel or such type of materials shall not be allowed for production.

|  |     |        |
|--|-----|--------|
| (a) Laying on 5 Cms thick Sand Bedding   | RMT | 115.00 |
| (b) Laying on 5 Cms thick CM 1:6 Bedding | RMT | 120.00 |

**14 Paver Block Laying- Grey 60 mm thick, M-20 Grade of size 200x100x60mm**

Supplying and laying interlocking grey paver blocks of high density 60 mm thick M-20 grade using black trap aggregate of Sevaliya/Timba or equivalent quality 20 mm. nominal size for footpath, parking areas, service lanes and other areas as mentioned in the drawing. cost Includes formwork, using rubber/FRP mould, excavation and providing and laying paver block as per required grading and specification laid paver block shall be mechanically compacted. The work of the paving blocks shall be executed in line and level by skilled mason of flooring work only. It should be laid in such a way that the no cutting of the paver block to be necessary. Cutting of paver block by machine cut only and carting to be done. The Finished surface of the Paver Block shall have reasonably good plain finish. Paver blocks shall be compacted and shall be re-laid if necessary. Gravel or such type of materials shall not be allowed for production

|  |     |        |
|--|-----|--------|
| (a) Laying on 5 Cms thick Sand Bedding   | SMT | 240.00 |
| (b) Laying on 5 Cms thick CM 1:6 Bedding | SMT | 277.00 |

| Sr.<br>No. | Item  | Unit | Rate for<br>2004-05 |
|------------|---|------|---------------------|
| 15         | <b>Paver Block Laying- Grey 80 mm thk, M-40 Grade of size 200x100x80mm</b><br>Supplying and fixing interlocking grey paver blocks of high density 80 mm thick M-20 grade using black trap aggregate of Sevaliya/Timba or equivalent quality 20 mm. nominal size for footpath, parking areas, service lanes and other areas as mentioned in the drawing. cost Includes formwork, using rubber/FRP mould, excavation and providing and laying paver block as per required grading and specification laid paver block shall be mechanically compacted. The work of the paving blocks shall be executed in line and level by skilled mason of flooring work only. It should be laid in such a way that the no cutting of the paver block to be necessary. Cutting of paver block by machine cut only and carting to be done. The Finished surface of the Paver Block shall have reasonably good plain finish. Paver blocks shall be compacted and shall be re-laid if necessary. Gravel or such type of materials shall not be allowed for production |      |                     |
|            | (a) Laying on 5 Cms thick Sand Bedding  | SMT  | 319.00              |
|            | (b) Laying on 5 Cms thick CM 1:6 Bedding  | SMT  | 356.00              |

| Sr.<br>No. | Item  | Unit | Rate for<br>2004-05 |
|------------|---|------|---------------------|
| 16         | <p><b>Kerb Stone Fixing For Central Verge (for both sides)</b><br/> Supplying and fixing M-20 grade using black trap aggregate of Sevaliya/Timba or equivalent quality 20 mm. nominal size for pre-cast exposed finish, formwork using rubber/FRP mould for kerb stones of approved design including curing, etc. complete, including the cost of formwork etc. complete. The rate shall also include for cutting asphalt erecting and fixing the kerbs in position with necessary equipments and materials. The rate shall also include the flush pointing in CM (1:2) for all joints of the kerbstones. Filling of zari along the sides of the kerb stone fixed prepared with Bituminous concrete mixed in proper position as dire by Engineer in change to form a portable mixture. Precast block for central verge 300 mm x150 mm x 280 mm. The rate is for fixing kerbstone on both sides. Gravel or such type of materials shall not be allowed for production.</p> |      |                     |
|            | (a) Laying on 5 Cms thick Sand Bedding  | RMT  | 312.00              |
|            | (b) Laying on 5 Cms thick CM 1:6 Bedding  | RMT  | 323.00              |

| Sr.<br>No. | Item  | Unit | Rate for<br>2004-05 |
|------------|---|------|---------------------|
| 17         | <b>Kerb Stone &amp; top slab Fixing For Central Verge</b>   |      |                     |
|            | <p>Supplying and fixing M-20 grade using black trap aggregate of Sevaliya/Timba or equivalent quality 20 mm. nominal size for pre-cast exposed finish, formwork using rubber/FRP mould for kerb stones &amp; top slab of approved design including curing, etc. complete, including the cost of formwork etc. complete. The rate shall also include for cutting asphalt erecting and fixing the kerbs in position with necessary equipments and materials. The rate shall also include filling the sand between the gap and flush pointing in CM (1:2) for all joints of the kerb stones &amp; top slab. Filling of zari along the sides of the kerb stone fixed prepared with Bituminous concrete mixed in proper position as dire by Engineer in charge to form a portable mixture. size of Precast block for central verge kerb 300 mm x150 mm x 280 mm. &amp; top slab 600 x 450 x 75 mm. The rate is for fixing kerbstone on both sides. Gravel or such type of materials shall not be allowed for production.</p> | RMT  | 451.00              |
| 18         | <b>P/S any kind of C.C. block (like Kerb Stone For Central Verge, footpath &amp; C.C. block for pavement)</b>   |      |                     |
|            | <p>Providing and supplying M-20 grade using black trap aggregate of Sevaliya/Timba or equivalent quality 20 mm. nominal size for pre-cast exposed finish, formwork using rubber/FRP mould for C.C. Block of approved design including curing, etc. complete, including the cost of formwork etc. complete. Precast block for central verge or kerb for given any design by dept. Gravel or such type of materials shall not be allowed for production.</p>  | CMT  | 2433.00             |
| 19         | (a) Labour work for fixing Kerb of any design for footpath work, item includes necessary excavation, erecting in line & position and pointing with cement mortar 1:2, watering etc. comp.   |      |                     |
|            | (I) Laying on 5 Cms thick Sand Bedding  | RMT  | 23.00               |
|            | (ii) Laying on 5 Cms thick CM 1:6 Bedding   | RMT  | 29.00               |
|            | (b) Do...Do.. with excavation of existing asphalt surface   |      |                     |
|            | (I) Laying on 5 Cms thick Sand Bedding  | RMT  | 29.00               |
|            | (ii) Laying on 5 Cms thick CM 1:6 Bedding   | RMT  | 35.00               |

| <b>Sr. No.</b> | <b>Item</b>   | <b>Unit</b> | <b>Rate for 2004-05</b> |
|----------------|---|-------------|-------------------------|
| 20             | Labour work for fixing Kerb of any design for Central Verge (Both side), item includes nece. excavation, asphalt cutting of any thickness, erecting in line & position and pointing with cement mortar 1:2, watering etc. comp. Filling of zari along the sides of the kerb stone fixed prepared with Bituminous concrete mixed in proper position as dire by Engineer in charge to form a portable mixture.  |             |                         |
|                | (a) Laying on 5 Cms thick Sand Bedding  | RMT         | 107.00                  |
|                | (b) Laying on 5 Cms thick CM 1:6 Bedding  | RMT         | 119.00                  |
| 21             | P/L brickbats sand concrete (1:2) of one part of sand and two of old brickbats including spreading, laying, ramming, watering and consolidation etc complete as directed.   | CMT         | 332.00                  |
| 22             | Supplying and fixing C.C. Block of M <sub>20</sub> grade using black trap aggregate of Sevaliya/Timba or equivalent quality 20 mm. nominal size exposed finish, formwork using rubber/FRP mould for block, covering the activity of excavation, ramming, with cement pointing in cement mortar 1:2 etc complete as directed. Block size 450 x 300 x 40 mm. Gravel or such type of materials shall not be allowed for production.  |             |                         |
|                | (a) Laying on 5 Cms thick Sand Bedding  | SMT         | 153.00                  |
|                | (b) Laying on 5 Cms thick CM 1:6 Bedding  | SMT         | 190.00                  |
| 23             | Providing, Laying & Fixing C.C. water table kerb of M <sub>20</sub> grade using black trap aggregate of Sevaliya/Timba or equivalent quality 20 mm. nominal size on 5 cm. thick sand bedding, covering the activity of exposed finish formwork using rubber/FRP mould, excavation, ramming, with cement pointing in cement mortar 1:2 etc complete as directed. Size of water table (450 x 350 x 65 mm average thick) & Size of kerb (350 x 220 x 100 mm) Gravel or such type of materials shall not be allowed for production. |             |                         |
|                |   | RMT         | 163.00                  |
| 24             | Supplying and fixing ordinary Nimbhada ladi 37 to 50 mm thick for walk-way, covering the activity of excavation, ramming, with cement pointing in cement mortar 1:2 etc complete as directed. (Width should not be less than 30 cm & length should not be more than 75 cm)  |             |                         |
|                | (a) Laying on 5 Cms thick Sand Bedding  | SMT         | 169.00                  |
|                | (b) Laying on 5 Cms thick CM 1:6 Bedding  | SMT         | 205.00                  |

| <b>Sr. No.</b> | <b>Item</b>   | <b>Unit</b> | <b>Rate for 2004-05</b> |
|----------------|---|-------------|-------------------------|
| 25             | Removing any kind of pavement floors or C.C. kerb laid on CM including stacking of serviceable materials & disposal of unserviceable materials with all lead & lift. (Take Horizontal surface area) | SMT         | 9.30                    |
| 26             | Conveyance charge for CC blocks, WT & Kerb of any design from work site to AMC store incl. Loading, unloading etc. comp. As dire.   | No.         | 2.00                    |
| 27             | Labour work for fixing any kind of paving with cement pointing in CM 1:2, including watering, ramming etc. comp. As dire.   |             |                         |
| (a)            | For Pavement  |             |                         |
|                | (I) Laying on 5 Cms thick Sand Bedding  | SMT         | 50.00                   |
|                | (ii) Laying on 5 Cms thick CM 1:6 Bedding   | SMT         | 86.00                   |
| (b)            | For Water Table & Kerb on 5 cms thick sand bedding  | RMT         | 23.00                   |
| (c)            | For only water table on 5 cms thick sand bedding  | RMT         | 16.00                   |

### **CATCHPIT**

|    |  |     |         |
|----|--|-----|---------|
| 28 | Constructing B.P. type Catchpit of size 0.60 x 0.60 depth up to 0.75 mt including excavation, B.B.C.C. (1:5:10), 23 cms thick brick maso. wall in the prop. of CM (1:6) with 40 mm thick IPS flooring in the prop M <sub>15</sub> at bottom and 15 mm thick cement plaster inside the catchpit in the proportion of CM (1:3) with out jali etc. comp. as directed. | No. | 1078.00 |
| 29 | CatchPit Jali Fixing<br>P/F FRC catchpit jali with frame 600mm x 600mm clear opening etc. comp.. As directed by engineer in charge.  | No. | 1550.00 |
| 30 | Extra rate for excavation for Asphalt road of any thickness including demolishing, the asphalt carpet with soling, metal etc. stacking the same as directed etc. comp.   | SMT | 40.00   |