


| Sr. No. | Description | Unit | Rate (Rs.) |  | Ref. Tech. Specs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Labour | Composite |  |
| 21-12 | Preparation of sub-grade over bottom of excavation with required dressing to required grade, camber and side slopes including cutting to required depth and breaking clods, watering and consolidation with suitable machanical means to attain maximum density of $95 \%$ modified AASHTO for top 6" (150mm) layer including disposal of surplus earth within a lead of 90 m | Sq.m. Sq.ft. | $\begin{gathered} 59.05 \\ 5.50 \end{gathered}$ | $\begin{gathered} 150.03 \\ 13.95 \end{gathered}$ | 21.1 .9 |
| 21-13 | Providing and spreading murum (stone dust) of approved quality over stone metalling (water bound macadam) or brick ballast. Watering and consolidation with road roller including all lead and lift. (murum upto $25 \%$ of road metal) (including royalty of Quarry). | Cu.m. Cu.ft. | $\begin{gathered} 540.00 \\ 15.30 \end{gathered}$ | $\begin{gathered} 1,550.65 \\ 43.90 \end{gathered}$ | 21.1.11 |
| 21-14 | Spreading already excavated material available at site over metalling, watering, consolidation with road roller, pre-stacking of excavated material including all lead and lift, | Cu.m. Cu.ft. | $\begin{gathered} 540.00 \\ 15.30 \end{gathered}$ | $\begin{gathered} 637.50 \\ 18.05 \end{gathered}$ | 21.1.9 |
| 21-14A | Providing and laying stone soling 6" Thick with stone available at site to required grade and camber including packing with spawls, chips, watering, compacting with road roller and with all lead and lift. | Cu.m. Cu.ft. | $\begin{gathered} 624.40 \\ 17.70 \end{gathered}$ | $\begin{gathered} 1,516.72 \\ 42.95 \end{gathered}$ | 21.1.12 |
| 21-14B | Providing and laying stone soling 6" thick with locally available approved stone to required grade and camber including packing with spawls, chips, watering, compacting with road roller and with all lead and lift.(including royalty of Quarry). | Cu.m. Cu.ft. | $\begin{gathered} 624.40 \\ 17.70 \end{gathered}$ | $\begin{gathered} 1,528.82 \\ 43.30 \end{gathered}$ | 21.1.12 |
| 21-15 a) | Providing and laying crushed stone of any thickness to required grade and camber including packing with spawls, chips, watering, compacting with road roller with all lead and lift.(including royalty of Quarry). | Cu.m. Cu.ft. | $\begin{gathered} 123.10 \\ 3.50 \end{gathered}$ | $\begin{gathered} 2,156.15 \\ 61.05 \end{gathered}$ | 21.1.12 |
| b) | Providing and laying pitrun gravel in sub base or base course of any thickness to required grade and camber including watering and compacting with road roller with all lead and lift. (compacted thickness to be measured) |  |  |  | $\begin{aligned} & 21.1 .10 \\ & 21.1 .9 .3 \end{aligned}$ |
| (i) | Local approved material | Cu.ft. | 25.40 | 40.05 |  |
| (ii) | Margalla Hill lime stone material from out source (carriage is included from quarry to site of work) | Cu.ft. | 25.40 | 73.69 |  |
| (iii) | Margalla Hill lime stone locally avaliable (quarry with in 5 km radius) | Cu.ft. | 25.40 | 55.27 |  |
| c) | Providing and laying Granular sub base of any thickness to required grade and camber including watering compacting with road roller and with all lead and lift. (compacted thickness to be measured) (including royalty of Quarry). | Cu.m. Cu.ft. | $\begin{gathered} 999.05 \\ 28.30 \end{gathered}$ | $\begin{gathered} 1,135.72 \\ 32.19 \end{gathered}$ | 21.1.9.3 |




| Sr. No. | Description | Unit | Rate (Rs.) |  | Ref. Tech. Specs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Labour | Composite |  |
| 21-24 | Providing and applying tack coat of bitumen $80 / 100$ or $60 / 70$ or of any approved grade using bitumen at 15 lbs . per 100 sq . ft. ( 0.75 kg . of bitumen per sq.m.) including cleaning and brooming of road surface | Sq.m. Sq.ft. | $\begin{gathered} 39.95 \\ 3.70 \end{gathered}$ | $\begin{gathered} 151.70 \\ 14.10 \end{gathered}$ | 21.1.21 |
| 21-25 | Surface dressing with bitumen $80 / 100$ or any other approved grade on a priming coat of liquid asphalt (cut-back) of any approved grade using primer at 22 lbs . and bitumen at 35 lbs . with 5 cu.ft. of $1 / 2^{\prime \prime}$ and down gauge crushed aggregate per 100 sq.ft (primer at 1.07 kg and bitumen 1.71 kg with 0.015 cu.m. of 13 mm and down gauge crushed aggregate per sq.m.) of road surface with rolling.(including royalty of Quarry). | Sq.m. Sq.ft. | $\begin{gathered} 78.85 \\ 7.35 \end{gathered}$ | $\begin{gathered} 515.95 \\ 47.95 \end{gathered}$ | $\begin{aligned} & 21.1 .18 \\ & 21.1 .17 \\ & 21.1 .20 \end{aligned}$ |
| 21-26 | Providing and laying $1-1 / 2^{\prime \prime}$ ( 37.5 , mm) consolidated thickness of asphalt concrete (road mix) using bitumen $80 / 100$ or $60 / 70$ or any approved grade with premixed Lawrencepur coarse sand flushing including compaction etc. (including royalty of Quarry). | Sq.m. Sq.ft. | $\begin{gathered} 502.09 \\ 46.65 \end{gathered}$ | $\begin{gathered} 1,217.95 \\ 113.20 \end{gathered}$ | 21.1.22 |
| i) | Using 3.5 lbs of bitumen per cu.ft. of $1 / 2^{\prime \prime}$ size crushed stone aggregate at 12 cu.ft per 100 sq.ft and 8 lbs of bitumen per cu.ft of coarse sand at 6 cu.ft per 100 sq.ft ( 56.06 kg bitumen per cu.m of 13 mm standard size crushed aggregate at 0.037 cu.m per sq.m. and 128.14 kg of bitumen per cu.m. of coarse sand at 0.018 cu.m. per sq.m) for asphalt concrete. |  |  |  |  |
| 21-27 | Sand flushing with 2 cu.ft of sand mixed with 16 lbs of bitumen per 100 sq.ft.of road surface including 5 lb of bitumen per 100 sq.ft. of road surface ( 0.006 sq.m of sand mixed with 0.78 kg of bitumen per sq.m of road surface including 0.24 kg of bitumen per sq.m.of road surface for painting edging with rolling. |  |  |  |  |
|  | Providing and laying 2" ( 50 mm ) consolidated thickness of asphalt concrete (road mix) using bitumen 80/100 or 60/70 or any approved grade with premixed Lawrencepur coarse sand flushing. (including royalty of Quarry). | Sq.m. <br> Sq.ft. | $\begin{gathered} 616.86 \\ 57.35 \end{gathered}$ | $\begin{gathered} 1,503.90 \\ 139.75 \end{gathered}$ | 21.1.22 |
|  | Using 3.5 lbs of bitumen per cu.ft. of $3 / 4^{\prime \prime}$ size crushed stone aggregate at 16 cu.ft per 100 sq.ft $\mid$ |  |  |  |  |


| Sr. No. | Description | Unit | Rate (Rs.) |  | Ref. Tech. Specs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Labour | Composite |  |
|  | and 8 lbs of bitumen per cu.ft of coarse sand at 8 cu.ft per 100 sq.ft ( 56.06 kg bitumen per cu.m of 19 mm standard size crushed aggregate at 0.049 cu.m per sq.m. and 128.14 kg of bitumen per cu.m. of coarse sand at 0.024 cu.m. per sq.m) for asphalt concrete. |  |  |  |  |
|  | Sand flushing with 2 cu.ft of sand mixed with 16 lbs of bitumen per 100 sq.ft.of road surface including 5 lb of bitumen per 100 sq.ft. of road surface ( 0.006 sq.m of sand mixed with 0.78 kg of bitumen per sq.m of road surface including 0.24 kg of bitumen per sq.m.of road surface for painting edging with rolling. |  |  |  | 21.1.23.7 |
| 21-28 | Providing and laying 2-1/2" (62.5 mm) consolidated thickness of asphatt concrete (road mix) using bitumen $80 / 100$ of $60 / 70$ or any approved grade with premixed Lawrencepur coarse sand flushing. (including royalty of Quarrv). <br> Using 3.5 lbs of bitumen per cutt. of "i" size crushed stone aggregate at 20 cu.ft per 100 sq.ft and 8 lbs of bitumen per cu.ft of cóarse sand at 10 cu.ft per 100 sq.ft ( 56.06 kg bitumen per cu.m of 25 mm standard size crushed aggregate at 0.06 cu.m per sq.m. and 128.14 kg of bitumen per cu.m. of coarse sand at 0.03 cu.m. per sq.m) for asphalt concrete. | Sq.m. <br> Sq.ft. | $\begin{gathered} 719.67 \\ 66.90 \end{gathered}$ | $\begin{gathered} 1,776.95 \\ 165.15 \end{gathered}$ | 21.1.22 |
| ii) | Sand flushing with 2 cu.ft of sand mixed with 16 lbs of bitumen per 100 sq.ft.of road surface including 5 lb of bitumen per 100 sq.ft. of road surface ( 0.006 sq.m of sand mixed with 0.78 kg of bitumen per sq.m of road surface including 0.24 kg of bitumen per sq.m.of road surface for painting edging with rolling. |  |  |  | 21.1.23.7 |
| 21-29 | Providing and laying 1" (25 mm) consolidated thickness of premixed sheet asphalt using liquid asphalt (cut-backs) of approved grade using cutbacks at 20 lbs per 100 sq.ft ( 0.976 kg per sq.m.) for tack coat 3.5 lbs per cu.ft of $1 / 2^{\prime \prime}$ ( 56.06 kg per cu.m of 13 mm ) standard size crushed stone at 5.50 cu.ft per sq.ft and 8 lbs of bitumen per cu.ft ( 0.016 cu.m. per sq.m. and 128.14 kg per cu.m.) or coarse sand at 5.50 cu.ft per 100 sq.ft ( 0.016 cu.m. per sq.m) of road surface, with rolling (including royalty of Quarry). | Sq.m. <br> Sq.ft. | $\begin{gathered} 237.58 \\ 22.10 \end{gathered}$ | $\begin{gathered} 838.15 \\ 77.90 \end{gathered}$ | 21.1.22 |
| 21-30 | Providing and laying hot-mix bituminous concrete runway pavement laid with mechanical paver and | M.T. | 5,558.85 | 13,970.75 | $\begin{aligned} & 21.1 .22 \\ & 21.1 .23 \end{aligned}$ |




| Sr. No. | Description | Unit | Rate (Rs.) |  | Ref. Tech. Specs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Labour | Composite |  |
| b) | shown in the drawings, binding wire, cement concrete 1:2:4 precast or M.S. chairs and placing in position on cement concrete precast or M.S chairs, tying with binding wire etc., in all kinds of R.C.C. roads, paths and runways etc. <br> Same as Item no. 21-41 (a) except Grade 40 steel reinforcement bars to be used instead of M.S. Grade 36 reinforcing bars. | M.T. |  | 3,111.65 | 5.3 |
| c) | Extra over item no. 21- 41 (b) for deformed Grade 60 bars instead of Grade 40 reinforcing | M.T. |  | 2,286.10 | 5.3 |
| d) | Extra over item no. 21-41 (b) for Tor steel Grade 60 bars instead of Grade 40 reinforcing bars. |  |  | 914.45 | 5.3 |
| 21-42 | Providing and laying M.S. ties or dowel bars of required length and diameters in longitudinal, transverse or other type of joints of cement concrete slabs laid and held in position in formwork or on precast, chairs at various spacings including straightening, eutting, wastage, etc. and including the cost of M.S sheet caps, painting and greasing of bars where required as per design. | M.T. | 7,915.70 | 97,312.45 | 21.1.29.3(d) |
| 21-43 | Providing and spreading bajri of any size and upto any thickness to template in paths and drive ways including watering and rolling with hand roller complete with all lead and lift. (including royalty of Quarry). | Cu.m. Cu.ft. | $\begin{gathered} 435.70 \\ 12.35 \end{gathered}$ | $\begin{gathered} 1,454.30 \\ 41.20 \end{gathered}$ | 5.3.1.5 |
| 21-44 | Providing and spreading coarse sand to template in paths and drive ways including watering and rolling with hand roller complete, with all lead and lift. | Cu.m. Cu.ft. | $\begin{gathered} 435.70 \\ 12.35 \end{gathered}$ | $\begin{gathered} 2,660.70 \\ 75.35 \end{gathered}$ | 5.3.1.3 |
| 21-45 | Providing bitumen filler of approved proprietary brand in expansion joints using 901 lbs of bitumen, 0.2 lbs of cement and $0.8 \mathrm{cu} . \mathrm{ft}$ of sand per cu.ft $(1442 \mathrm{~kg}$ of bitumen, 3.2 kg of cement and $0.8 \mathrm{cu} . \mathrm{m}$. per cu.m.) of filler and fixing in position in an approved manner or as directed by the Enninnnr | R.M. R.ft. | $\begin{gathered} 136.50 \\ 41.60 \end{gathered}$ | $\begin{aligned} & 423.45 \\ & 129.05 \end{aligned}$ | 21.1.26.2 (f) |
| 21-46 | Providing and fixing PVC water-stop expansion joint plain $6 "$ to 7 " ( 150 mm to 175 mm ) wide placed horizontally at 2 " $(50 \mathrm{~mm})$ depth from top surface of pavement, $1 / 2^{\prime \prime}(13 \mathrm{~mm})$ wide joint filler of fibre board in bottom and top filled with premoulded bitumen filler of approved proprietary brand. | R.M. R.ft. | $\begin{aligned} & 502.00 \\ & 153.00 \end{aligned}$ | $\begin{gathered} 2,320.95 \\ 707.45 \end{gathered}$ | 21.1.26.2 |
| 21-47 | Providing and filling dummy joint $1 / 4$ " ( 6.4 mm ) wide and 3 " $(75 \mathrm{~mm})$ deep in roads, paths or crete- | R.M. R.ft. | $\begin{aligned} & 39.00 \\ & 11.90 \end{aligned}$ | $\begin{gathered} 108.30 \\ 33.00 \end{gathered}$ | 21.1.26.2 |


| Sr. No. | Description | Unit | Rate (Rs.) |  | Ref. Tech. Specs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Labour | Composite |  |
|  | ways etc. with premoulded bitumen filler of approved proprietary brand. |  |  |  |  |
| 21-48 | Providing and making formwork for longitudinal joint of tongued and grooved type in RCC or cement concrete pavement | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | - | $\begin{aligned} & 57.54 \\ & 17.55 \end{aligned}$ | 21.1.26.2 |
| 21-49 | Providing water tight joint, with 5 " ( 125 mm ) wide copper strip of 24 BWG corrugated at centre and $1-1 / 2^{\prime \prime}(37.5 \mathrm{~mm})$ dia. staggered holes at 4" $(100 \mathrm{~mm})$ pitch placed horizontally at $2^{\prime \prime}(50 \mathrm{~mm})$ depth from top surface of pavement, $1 / 2^{\prime \prime}$ (13mm) wide joint filler of soft wood at bottom and top filled with plastic bitumen No. 4 | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{gathered} 207.83 \\ 63.35 \end{gathered}$ | $\begin{aligned} & 654.50 \\ & 199.50 \end{aligned}$ | 21.1.26.2 |
| 21-50 | Same as 21-49 but with joint filler of fiber board instead of soft wood. | R.M. R.ft. | $\begin{gathered} 103.92 \\ 31.65 \end{gathered}$ | $\begin{aligned} & 880.70 \\ & 268.45 \end{aligned}$ |  |
| 21-51 | Filling longitudinal construction keyed foints with rubber sealing compound of approved brand. | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{gathered} 31.15 \\ 9.50 \end{gathered}$ | $\begin{aligned} & 96.45 \\ & 29.40 \end{aligned}$ | 21.1.26.2 |
| 21-52 | Providing and fixing in position cork ${ }^{\text {s }}$ sheet of required width and depth in expansion joints including painting two coats with tar coal. | Cu.m. Cu.ft. | $\begin{gathered} 136.50 \\ 3.85 \end{gathered}$ | $\begin{gathered} 152.65 \\ 4.30 \end{gathered}$ | 21.1.26.2 |
| 21-53 | Providing and fixing $6^{\prime \prime} \times 6 " \times 30 "$ ( $150 \mathrm{~mm} \times$ $150 \mathrm{~mm} \times 750 \mathrm{~mm}$ ) precast 1:2:4 cement concrete boundary pillars using graded crushed aggregate embedded in cement concrete 1:4:8 including formwork and its removal, compacting and curing including cost of excavation. (including royalty of Quarry). | Each | 198.45 | 1,332.25 | 21.1.27 |
| 21-54 | Providing and fixing $\quad 6 " \times 6 " \times 30 "$ $(150 \mathrm{~mm} \times 150 \mathrm{~mm} \times 750 \mathrm{~mm})$ stone boundary pillars embedded in cement concrete $1: 4: 8$ including cost of excavation, cement concrete $1: 4: 8$, backfilling of excavated stuff, cement plaster with $1: 3$ cement mortar, engraving and writing | Each | 316.25 | 1,209.15 | 21.1.27 |
| 21-55 | Providing and fixing 9" x $4^{\prime \prime} \times 30$ " ( $230 \mathrm{~mm} \times$ $100 \mathrm{~mm} \times 750 \mathrm{~mm}$ ) precast 1:2:4 cement concrete kilometer stone using graded screened bajri, embedded in cement concrete 1:4:8, formwork and its removal, compacting and curing including the cost of excavation, cement cost 1:4:8 backfilling of excavated stuff, cement plaster with 1:3 cement engraving and writing letters of approved size, painting two coats as desired. | Each | 199.40 | 1,393.95 | 21.1.28 |
| 21-56 | Providing and fixing $9^{\prime \prime} \times 4^{\prime \prime} \times 30 "$ ( $230 \mathrm{~mm} \times$ $100 \mathrm{~mm} \times 750 \mathrm{~mm}$ ) kilometer stone of local quarry of hard texture with top one foot chisel-dressed on all sides as per approved desian embedded in | Each | 316.25 | 1,078.10 | 21.1.24 |


| Sr. No. | Description | Unit | Rate (Rs.) |  | Ref. Tech. Specs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Labour | Composite |  |
| 21-57 | cement concrete ' $1: 4: 8$ inclūding cost of excavation, cement concrete 1:4:8 backfilling of excavated stuff engraving and writing letters of approved size, painting 2 coats as desired. | Each | 948.75 | 5,120.55 | 21.1.28 |
|  | Providing and fixing 42 " $\times 18$ " x 12" ( 1050 mmx $450 \mathrm{~mm} \times 300 \mathrm{~mm}$ ) 1:2:4 cement concrete precast kilometer stone of approved design with triangular face using graded screened bajri embedded in cement concrete 1:4:8, formwork and its removal, compacting curing including cost of excavation, embedding in cement concrete $1: 4: 8$, backfilling of excavated stuff cement plaster with 1:3 cement mortar, engraving and writing letters of approved size and painting 2 coats as desired. |  |  |  |  |
| 21-58 | Providing and laying kerb stone $18 " \times 12$ " $\times 6^{\prime \prime}$ ( $450 \mathrm{~mm} \times 300 \mathrm{~mm} \times 150 \mathrm{~mm}$ ) obtained from approved quarry, chisel dressed on top and sides, laid in cement mortar 1/4-ruled seement pointing in cement mortar $1: 3$ including cost of excavation and backfilling of excavated stuff and its disposal within 30 m . | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{gathered} 115.16 \\ 35.10 \end{gathered}$ | $\begin{aligned} & 530.25 \\ & 161.60 \end{aligned}$ | 21.1.29 |
| 21-59 | Providing and laying road kerb of 1 st class burnt brick masonry laid in cement mortar 1:4, 9" ( 230 mm ) wide and 12 " $(300 \mathrm{~mm}$ ) deep with round moulded corners of bricks including cost of excavation and backfilling of excavated stuff and its disposal within 30 m . | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{gathered} 186.60 \\ 56.90 \end{gathered}$ | $\begin{gathered} 1,302.55 \\ 397.00 \end{gathered}$ | 21.1.29 |
| 21-60 | Providing and laying road kerb of precast cement concrete $24 " x 6$ "x12" ( $600 \mathrm{~mm} \times 150 \mathrm{~mm} \times 300 \mathrm{~mm}$ ) using crushed aggregate, formwork and its removal, compacting and curing laid in cement mortar 1:4 \& cement plaster 1:4 neatly finished including cost of excavation, backfilling of excavated stuff \& its disposal within 30m |  |  |  | 21.1.29 |
| a) | Road kerb of precast cement concrete 1:2:4 | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{aligned} & 34.45 \\ & 10.50 \end{aligned}$ | $\begin{aligned} & 617.38 \\ & 188.20 \end{aligned}$ |  |
| b) | Road kerb of precast cement concrete 1:3:6 | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{aligned} & 34.45 \\ & 10.50 \end{aligned}$ | $\begin{aligned} & 581.32 \\ & 177.20 \end{aligned}$ |  |
| 21-61 | Providing and laying road kerb $4^{\prime \prime}$ wide and $12 "$ deep ( $100 \mathrm{~mm} \times 300 \mathrm{~mm}$ ) cast in situ, of cement concrete using crushed aggregate, formwork and its removal, compacting and curing, fillina ioints |  |  |  | 21.1.29 |





| Sr. No. | Description | Unit | Rate (Rs.) |  | Ref. Tech. Specs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Labour | Composite |  |
| 21-80 ${ }^{(10}$ | Providing and fixing G.I. pipe railing of required diameter, comprising vertical posts and horizontal bracings of G.I. pipe of the same dia including cost of specials, bends, threading cutting and making good the floor or wall and or slab of any kind in cement concrete 1:2:4 (Actual pipe length used for vertical posts and horizontal bracings to be measured, length of specials used not to be deducted) |  |  |  |  |
|  | 2" (50 mm) dia G.I. pipe railing | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{gathered} 227.70 \\ 69.40 \end{gathered}$ | $\begin{gathered} 1,495.00 \\ 455.70 \end{gathered}$ |  |
|  | 1-1/2" (40 mm) dia G.I. pipe railing | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{gathered} 227.70 \\ 69.40 \end{gathered}$ | $\begin{gathered} 1,255.00 \\ 382.55 \end{gathered}$ |  |
|  | 1" (25 mm) dia G.I. pipe railing | R.M. R.ft. | $\begin{gathered} 227.70 \\ 69.40 \end{gathered}$ | $\begin{gathered} 1,003.00 \\ 305.70 \end{gathered}$ |  |
| 21-81 | Providing and fixing steel bearings of standard quality and type weighing not less than 90 kg | Each set of one and | 2,914.79 | 100,996.90 |  |
| 21-82 | Providing and fixing rubber bearing pad not less than 1" ( 25 mm ) thick. | Sq.m. Sq.ft. | $\begin{gathered} 112.50 \\ 10.45 \end{gathered}$ | $\begin{gathered} 11,362.50 \\ 1,056.00 \end{gathered}$ |  |
| 21-83 | Providing and laying dry brick pavement and/or soling in streets or roads over $1 / 2$ " (13mm) thick sand cushion incuding sand grouting, watering, compacting of bed to proper camber. | Cu.m. Cu.ft. | $\begin{gathered} 1,114.04 \\ 31.55 \end{gathered}$ | $\begin{gathered} 8,254.87 \\ 233.75 \end{gathered}$ | 21.1.13 |
| 21-84 | Providing and fixing road sign boards such as caution etc as approved by the Engineer with reflective paints, having superficial area of 1.125 sq.M including cost of post etc. | Each | 1,666.67 | 5,769.44 | 21.5 |
| 21-85 | Providing and laying 1" thick (25 mm) consolidated thickness of asphalt concrete premixed bituminous carpet (including tack coat) using bitumen 80/100 or of any approved grade with following percentage including compaction and finishing to required camber, grade and densitv. Coarse ancreatate from Maraalla and |  |  |  | $\begin{gathered} 21.1 .24 \\ 21.1 .23 .3(b) \end{gathered}$ |
| a) | $3 \%$ Bitumen content | Sq.m. <br> Sq.ft. | $\begin{gathered} 323.45 \\ 30.05 \end{gathered}$ | $\begin{gathered} 702.24 \\ 65.25 \end{gathered}$ |  |
| b) | 3.5\% Bitumen content | Sq.m. <br> Sq.ft. | $\begin{gathered} 323.45 \\ 30.05 \end{gathered}$ | $\begin{gathered} 737.33 \\ 68.59 \end{gathered}$ |  |
| c) | 4\% Bitumen content | Sq.m. Sq.ft. | $\begin{gathered} 323.45 \\ 30.05 \end{gathered}$ | $\begin{gathered} 774.18 \\ 72.02 \end{gathered}$ |  |


| Sr. No. | Description | Unit | Rate (Rs.) |  | Ref. Tech. Specs. |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Labour | Composite |  |
| d) | 4.5\% Bitumen content | Sq.m. Sq.ft. | $\begin{gathered} 323.45 \\ 30.05 \end{gathered}$ | $\begin{gathered} 812.90 \\ 75.62 \end{gathered}$ |  |
| e) | 5\% Bitumen content | Sq.m. Sq.ft. | $\begin{gathered} 323.45 \\ 30.05 \end{gathered}$ | $\begin{gathered} 853.55 \\ 79.40 \end{gathered}$ |  |
| f) | 5.5\% Bitumen content | Sq.m. Sq.ft. | $\begin{gathered} 323.45 \\ 30.05 \end{gathered}$ | $\begin{gathered} 896.23 \\ 83.37 \end{gathered}$ |  |
| g) | 6\% Bitumen content | Sq.m. Sq.ft. | $\begin{gathered} 323.45 \\ 30.05 \end{gathered}$ | $\begin{gathered} 941.05 \\ 87.54 \end{gathered}$ |  |
| 21-86 | P/F of cat eyes $(10 \mathrm{~cm} \times 10 \mathrm{~cm})$ double side reflector, imported (Australiah/American made). Complete in all respect. | No. | 175.50 | 433.71 | 21.7 |
| 21-87 | P/F of angle iron reflector aluminium body $4^{\prime \prime} x 2^{\prime \prime}$ using diamond grade reflective tape Complete in all respect. | No. | 360.75 | 493.80 | 21.7 |
| 21-88 | P/F of synthetic rubber speed hump 5 Cm high \& 35 Cm wide alternate black \& yellow combination | $\begin{aligned} & \text { R.M. } \\ & \text { R.ft. } \end{aligned}$ | $\begin{gathered} 225.00 \\ 68.60 \end{gathered}$ | $\begin{gathered} 1,725.00 \\ 525.91 \end{gathered}$ | 21.7 |

