

FOR OFFICIAL USE ONLY



**GOVERNMENT OF GUJARAT
ROAD AND BUILDING DEPARTMENT**

**SCHEDULE OF RATES
FOR
BUILDING WORKS
(AHMEDABAD CITY)**

YEAR:-2021-22

**EXECUTIVE ENGINEER
AHMEDABAD CITY (R & B) DIVISION
AHMEDABAD**

**OFFICE OF THE SUPERINTENDING ENGINEER
AHMEDABAD CITY (R & B) CIRCLE
AHMEDABAD**

INDEX

SOR 2021-22 AHMEDABAD CITY

| SR. NO. | CHAPTER NO. | PARTICULARS | PAGE NO. |
|----------------|--------------------|--|-----------------|
| 1 | ANNEXTURE | STATEMENT - 4A (CARRIAGE OF MATERIALS- FOR ASHPHALT,CEMENT AND STEEL) | 4 |
| 2 | ANNEXTURE | STATEMENT – 4B CARRIAGE OF MATERIALS- FOR MATERIALS OTHER THAN ASHPHALT, CEMENT AND STEEL) | 5 |
| 3 | ANNEXTURE | STATEMENT - 5 (CONVEYANCE CHARGES-FOR DIFFERENT TYPES OF MATERIALS) | 6-7 |
| 4 | 1 | (A) BASIC RATES OF MATERIALS | 8-53 |
| | | (B) BASIC RATES OF LABOUR | 54-55 |
| | | (C) BASIC RATES OF CARRIAGE | 56-58 |
| | | (D) BASIC RATES OF HIRE CHARGES | 59-60 |
| | | (E) BASIC RATES OF EXTRA RATES | 61-62 |
| 5 | 2 | MORTAR | 63-64 |
| 6 | 4 | (A) EARTHWORK (EXECUTED WITH MECHANISED EFFORTS/ MACHINARIES) | 65-69 |
| | | (B) EARTHWORK (EXECUTED WITH MANUAL LABOUR) | 70-72 |
| 7 | 5 | Concrete work | 73-95 |
| 8 | 6 | Brick work | 96-103 |

| SR. NO. | CHAPTER NO. | PARTICULARS | PAGE NO. |
|----------------|--------------------|---|-----------------|
| 9 | 7 | Stone masonry | 104-106 |
| 10 | 9 | Form work | 107-112 |
| 11 | 10 | Wood work & joinary | 113-138 |
| 12 | 11 | Steel, alluminium & iron work | 139-145 |
| 13 | 12 | Building hardware | 146-147 |
| 14 | 13 | Glazing | 148-149 |
| 15 | 14 | Paving & floor finishes | 150-162 |
| 16 | 15 | Roof covering | 163-165 |
| 17 | 16 | Ceiling & lining | 166-168 |
| 18 | 17 | Plastering & pointing | 169-173 |
| 19 | 18 | White washing, colour washing, Distempering & other finishing | 174-177 |
| 20 | 19 | Painting & polishing | 178-182 |
| 21 | 20 | Demolition & Dismantaling | 183-195 |
| 22 | 21 | Repairs to building | 196 |
| 23 | 22 | Miscellaneous building item | 197-203 |
| 24 | 23 | Water supply, plumbing & sanitary fittings | 204-216 |
| 25 | 24 | Drainage & sewerage item | 217-227 |

2021-22 STATEMENT No :4 A (25 M.Ton Truck)

Carrige of material over distance exceeding 0.5 Km. Including loading,unloading and stacking (for asphalt,cement & steel)

| SR. NO | LEAD IN Km. | AVG.S PEED Km./h | NO.OF TRIPS N=8/(2 L/S+3) | Km. DONE =2NL+6 | Litre OF DIESEL CONSU MED Av.5 km/lit | COST OF DIESEL Rs.88PER LITRE. (Col.6 X 88) | Litre OF OIL CONSU MED 1 lit per 140 km | COST OF OIL AT Rs.270 PER LITRE (Col 8 X 270.00) | COST OF SIX MAZDOOR (MALE) EACH Rs.332.00 PER/DAY = 6x332 | HIRE CHARGE OF TRUCK Rs.3650 PER/DAY | TOTAL COST OF (7+ 9+ 10+ 11) | COST PER TRIP for 2021-22 | INCREASE IN COST OVER PREVIOUS K.M | | COST PER TRIP 2015-16 | % change of cost per trip w.r.t. 2015-16 |
|--------|-------------|------------------|---------------------------|-----------------|---------------------------------------|---|---|--|---|--------------------------------------|------------------------------|---------------------------|------------------------------------|-------|-----------------------|--|
| | | | | | | 88.00 | 140 | 270.00 | 1992.00 | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 | 0.50 | 15.00 | 2.61 | 8.61 | 1.72 | 151.54 | 0.06 | 16.61 | 1992.00 | 3650.00 | 5810.15 | 2227.22 | 0.00 | | 2104.16 | 5.85 |
| 2 | 1.00 | 16.00 | 2.56 | 11.12 | 2.22 | 195.71 | 0.08 | 21.45 | 1992.00 | 3650.00 | 5859.16 | 2288.73 | 61.51 | | 2158.21 | 6.05 |
| 3 | 1.50 | 16.50 | 2.51 | 13.54 | 2.71 | 238.30 | 0.10 | 26.11 | 1992.00 | 3650.00 | 5906.41 | 2349.14 | 60.41 | | 2211.21 | 6.24 |
| 4 | 2.00 | 17.00 | 2.47 | 15.89 | 3.18 | 279.66 | 0.11 | 30.65 | 1992.00 | 3650.00 | 5952.31 | 2407.18 | 58.04 | | 2261.96 | 6.42 |
| 5 | 2.50 | 17.25 | 2.43 | 18.16 | 3.63 | 319.62 | 0.13 | 35.02 | 1992.00 | 3650.00 | 5996.64 | 2466.01 | 58.83 | | 2312.87 | 6.62 |
| 6 | 3.00 | 17.50 | 2.39 | 20.36 | 4.07 | 358.34 | 0.15 | 39.27 | 1992.00 | 3650.00 | 6039.61 | 2523.69 | 57.68 | | 2363.88 | 6.76 |
| 7 | 3.50 | 17.75 | 2.36 | 22.50 | 4.50 | 396.00 | 0.16 | 43.39 | 1992.00 | 3650.00 | 6081.39 | 2580.31 | 56.62 | | 2412.50 | 6.96 |
| 8 | 4.00 | 18.00 | 2.32 | 24.58 | 4.92 | 432.61 | 0.18 | 47.40 | 1992.00 | 3650.00 | 6122.01 | 2635.87 | 55.56 | | 2461.70 | 7.08 |
| 9 | 4.50 | 18.25 | 2.29 | 26.61 | 5.32 | 468.34 | 0.19 | 51.32 | 1992.00 | 3650.00 | 6161.66 | 2690.45 | 54.58 | | 2508.28 | 7.26 |
| 10 | 5.00 | 18.50 | 2.26 | 28.60 | 5.72 | 503.36 | 0.20 | 55.16 | 1992.00 | 3650.00 | 6200.52 | 2744.15 | 53.70 | | 2555.81 | 7.37 |
| 11 | 6.00 | 19.00 | 12.67 | 158.00 | 31.60 | 2780.80 | 1.13 | 304.71 | 1992.00 | 3650.00 | 8727.51 | 689.01 | | | 602.00 | 14.45 |
| 12 | 7.00 | 20.00 | 11.43 | 166.00 | 33.20 | 2921.60 | 1.19 | 320.14 | 1992.00 | 3650.00 | 8883.74 | 777.33 | 88.32 | | 677.23 | 14.78 |
| 13 | 8.00 | 21.00 | 10.50 | 174.00 | 34.80 | 3062.40 | 1.24 | 335.57 | 1992.00 | 3650.00 | 9039.97 | 860.95 | 83.62 | | 748.01 | 15.10 |
| 14 | 9.00 | 22.00 | 9.78 | 182.00 | 36.40 | 3203.20 | 1.30 | 351.00 | 1992.00 | 3650.00 | 9196.20 | 940.52 | 79.57 | | 814.96 | 15.41 |
| 15 | 10.00 | 23.00 | 9.20 | 190.00 | 38.00 | 3344.00 | 1.36 | 366.43 | 1992.00 | 3650.00 | 9352.43 | 1016.57 | 76.05 | 81.89 | 878.58 | 15.71 |
| 16 | 15.00 | 27.00 | 7.20 | 222.00 | 44.40 | 3907.20 | 1.59 | 428.14 | 1992.00 | 3650.00 | 9977.34 | 1385.74 | 369.17 | 73.83 | 1186.18 | 16.82 |
| 17 | 25.00 | 33.00 | 5.28 | 270.00 | 54.00 | 4752.00 | 1.93 | 520.71 | 1992.00 | 3650.00 | 10914.71 | 2067.18 | 681.44 | 68.14 | 1747.52 | 18.29 |
| 18 | 50.00 | 40.00 | 3.20 | 326.00 | 65.20 | 5737.60 | 2.33 | 628.71 | 1992.00 | 3650.00 | 12008.31 | 3752.60 | 1685.42 | 67.42 | 3133.65 | 19.75 |
| 19 | 100.00 | 40.00 | 1.60 | 326.00 | 65.20 | 5737.60 | 2.33 | 628.71 | 1992.00 | 3650.00 | 12008.31 | 7505.19 | 3752.59 | 75.05 | 6267.31 | 19.75 |
| 20 | 200.00 | 45.00 | 0.90 | 366.00 | 73.20 | 6441.60 | 2.61 | 705.86 | 1992.00 | 3650.00 | 12789.46 | 14210.51 | 6705.32 | 67.05 | 11777.41 | 20.66 |
| 21 | 400.00 | 50.00 | 0.50 | 406.00 | 81.20 | 7145.60 | 2.90 | 783.00 | 1992.00 | 3650.00 | 13570.60 | 27141.20 | 12930.69 | 64.65 | 22343.32 | 21.47 |
| 22 | 400.00 | 53.00 | 0.35 | 430.00 | 86.00 | 7568.00 | 3.07 | 829.29 | 1992.00 | 3650.00 | 14039.29 | 39733.84 | 12592.64 | 62.96 | 21726.13 | |
| | ABOVE | | | | | | | | | | | | | | | |

2021-22 STATEMENT No :4 B

Carrige of material over distance exceeding 0.5 Km. .Including loading,unloading and stacking (for all material other than asphalt,cement & steel)

| SR. NO | LEAD IN Km. | AVG.S PEED Km./h | NO.OF TRIPS N=8/(2 L/S+0.33) | Km. DONE =2NL+6 | Litre OF DIESEL CONSU MED Av.5 km/lit | COST OF DIESEL | Litre OF OIL CONSU MED | COST OF OIL | COST OF SIX MAZDOOR (MALE) EACH | HIRE CHARGE OF TRUCK Rs.3650 PER/DAY | TOTAL COST OF (7+ 9+ 10+ 11) | COST PER TRIP for 2021-22 | INCREASE IN COST OVER PREVIOUS K.M | | COST PER TRIP | % change of cost per trip w.r.t. 2015-16 |
|--------|-------------|------------------|------------------------------|-----------------|---------------------------------------|------------------------------|------------------------|--------------------------------------|---------------------------------|--------------------------------------|------------------------------|---------------------------|------------------------------------|-------|---------------|--|
| | | | | | | Rs.88PER LITRE. (Col.6 X 88) | 1 lit per 140 km | AT Rs.270 PER LITRE (Col 8 X 270.00) | Rs.332.00 PER/DAY = 6x332 | | | | | | 2015-16 | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 1 | 0.50 | 15.00 | 20.17 | 26.17 | 5.23 | 460.59 | 0.19 | 50.47 | 1992.00 | 3650.00 | 6153.06 | 305.09 | 0.00 | | 741.33 | -58.85 |
| 2 | 1.00 | 16.00 | 17.58 | 41.16 | 8.23 | 724.42 | 0.29 | 79.38 | 1992.00 | 3650.00 | 6445.80 | 366.60 | 61.51 | | 795.21 | -53.90 |
| 3 | 1.50 | 16.50 | 15.63 | 52.89 | 10.58 | 930.86 | 0.38 | 102.00 | 1992.00 | 3650.00 | 6674.86 | 427.04 | 60.44 | | 848.27 | -49.66 |
| 4 | 2.00 | 17.00 | 14.15 | 62.61 | 12.52 | 1101.94 | 0.45 | 120.75 | 1992.00 | 3650.00 | 6864.69 | 485.07 | 58.03 | | 898.61 | -46.02 |
| 5 | 2.50 | 17.25 | 12.91 | 70.53 | 14.11 | 1241.33 | 0.50 | 136.02 | 1992.00 | 3650.00 | 7019.35 | 543.87 | 58.80 | | 950.63 | -42.79 |
| 6 | 3.00 | 17.50 | 11.89 | 77.34 | 15.47 | 1361.18 | 0.55 | 149.16 | 1992.00 | 3650.00 | 7152.34 | 601.56 | 57.69 | | 1000.61 | -39.88 |
| 7 | 3.50 | 17.75 | 11.04 | 83.31 | 16.66 | 1466.26 | 0.60 | 160.67 | 1992.00 | 3650.00 | 7268.93 | 658.17 | 56.61 | | 1049.89 | -37.31 |
| 8 | 4.00 | 18.00 | 10.33 | 88.64 | 17.73 | 1560.06 | 0.63 | 170.95 | 1992.00 | 3650.00 | 7373.01 | 713.75 | 55.58 | | 1098.50 | -35.03 |
| 9 | 4.50 | 18.25 | 9.72 | 93.47 | 18.69 | 1645.07 | 0.67 | 180.26 | 1992.00 | 3650.00 | 7467.33 | 768.34 | 54.59 | | 1145.95 | -32.95 |
| 10 | 5.00 | 18.50 | 9.19 | 97.90 | 19.58 | 1723.04 | 0.70 | 188.81 | 1992.00 | 3650.00 | 7553.85 | 821.99 | 53.65 | | 1193.25 | -31.11 |
| 11 | 6.00 | 19.00 | 12.67 | 158.00 | 31.60 | 2780.80 | 1.13 | 304.71 | 1992.00 | 3650.00 | 8727.51 | 689.01 | | | 601.91 | 14.47 |
| 12 | 7.00 | 20.00 | 11.43 | 166.00 | 33.20 | 2921.60 | 1.19 | 320.14 | 1992.00 | 3650.00 | 8883.74 | 777.33 | 88.32 | | 677.27 | 14.77 |
| 13 | 8.00 | 21.00 | 10.50 | 174.00 | 34.80 | 3062.40 | 1.24 | 335.57 | 1992.00 | 3650.00 | 9039.97 | 860.95 | 83.62 | | 748.20 | 15.07 |
| 14 | 9.00 | 22.00 | 9.78 | 182.00 | 36.40 | 3203.20 | 1.30 | 351.00 | 1992.00 | 3650.00 | 9196.20 | 940.52 | 79.57 | | 814.83 | 15.43 |
| 15 | 10.00 | 23.00 | 9.20 | 190.00 | 38.00 | 3344.00 | 1.36 | 366.43 | 1992.00 | 3650.00 | 9352.43 | 1016.57 | 76.05 | 81.89 | 878.66 | 15.70 |
| 16 | 15.00 | 27.00 | 7.20 | 222.00 | 44.40 | 3907.20 | 1.59 | 428.14 | 1992.00 | 3650.00 | 9977.34 | 1385.74 | 369.17 | 73.83 | 1186.34 | 16.81 |
| 17 | 25.00 | 33.00 | 5.28 | 270.00 | 54.00 | 4752.00 | 1.93 | 520.71 | 1992.00 | 3650.00 | 10914.71 | 2067.18 | 681.44 | 68.14 | 1747.59 | 18.29 |
| 18 | 50.00 | 40.00 | 3.20 | 326.00 | 65.20 | 5737.60 | 2.33 | 628.71 | 1992.00 | 3650.00 | 12008.31 | 3752.60 | 1685.42 | 67.42 | 3133.77 | 19.75 |
| 19 | 100.00 | 40.00 | 1.60 | 326.00 | 65.20 | 5737.60 | 2.33 | 628.71 | 1992.00 | 3650.00 | 12008.31 | 7505.19 | 3752.59 | 75.05 | 6267.54 | 19.75 |
| 20 | 200.00 | 45.00 | 0.90 | 366.00 | 73.20 | 6441.60 | 2.61 | 705.86 | 1992.00 | 3650.00 | 12789.46 | 14210.51 | 6705.32 | 67.05 | 11776.13 | 20.67 |
| 21 | 400.00 | 50.00 | 0.50 | 406.00 | 81.20 | 7145.60 | 2.90 | 783.00 | 1992.00 | 3650.00 | 13570.60 | 27141.20 | 12930.69 | 64.65 | 22343.32 | 21.47 |
| 22 | 400.00 | 53.00 | 0.35 | 430.00 | 86.00 | 7568.00 | 3.07 | 829.29 | 1992.00 | 3650.00 | 14039.29 | 39733.84 | 12592.64 | 62.96 | 24823.07 | |
| | ABOVE | | | | | | | | | | | | | | | |

Statement 5 Quarry Materials, Cement, Steel , Bitumin & All Other Materials with Carrying Capacity of 25.0 Mt. Truck) Year 2021-22

| SR. NO | MATERIAL | CAPACITY PER TRIP | NET QTY. PAYABLE AFTER DEDUCTION OF VOID | UNIT OF RATE | RATE PER UNIT FOR SPECIAL LEAD UPTO 5 KM | | | | | | | | | | RATE PER UNIT PER Km. FOR KILOMETERAGE ABOVE 5Km.LEAD FALLING IN TOTAL RANGE BETWEEN | | | | | | | | |
|----------|---|-------------------|--|--------------|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|---------------------------|---------------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|--------------|----|
| | | | | | 0.50 | 1.00 | 1.50 | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | ABOVE 5Km. & UP TO 10Km. | ABOVE 10Km. & UP TO 15Km. | ABOVE 15Km. & UP TO 25Km. | ABOVE 25Km. & UP TO 50Km. | ABOVE 50Km. & UP TO 100Km. | ABOVE 100Km. & UP TO 200Km. | ABOVE 200Km. & UP TO 400Km. | ABOVE 400Km. | |
| | | | | | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | |
| 3.2.1.A | (A) Lime ,murrum,building rubbish,earth,manure or sludge & excavated rock and rubbish | | | | | | | | | | | | | | | | | | | | | | |
| | 1 Lime, murrum, building rubbish | 14.00 | 14.00 | Cmt. | 21.79 | 26.19 | 30.50 | 34.65 | 38.85 | 42.97 | 47.01 | 50.98 | 54.88 | 58.71 | 5.85 | 5.27 | 4.87 | 4.82 | 5.36 | 4.79 | 4.62 | 4.50 | |
| | 2 Earth | 14.00 | 11.20 | Cmt. | 27.24 | 32.73 | 38.13 | 43.31 | 48.56 | 53.71 | 58.77 | 63.73 | 68.60 | 73.39 | 7.31 | 6.59 | 6.08 | 6.02 | 6.70 | 5.99 | 5.77 | 5.62 | |
| | 3 Manure or sludge | 14.00 | 12.60 | Cmt. | 24.21 | 29.10 | 33.89 | 38.50 | 43.16 | 47.74 | 52.24 | 56.65 | 60.98 | 65.24 | 6.50 | 5.86 | 5.41 | 5.35 | 5.96 | 5.32 | 5.13 | 5.00 | |
| | 4 Excavated rock | 14.00 | 7.00 | Cmt. | 43.58 | 52.37 | 61.01 | 69.30 | 77.70 | 85.94 | 94.02 | 101.96 | 109.76 | 117.43 | 11.70 | 10.55 | 9.73 | 9.63 | 10.72 | 9.58 | 9.24 | 8.99 | |
| 3.2.1.B | Sand, stone aggregate & soling stone brick/ cinder aggregate. | | | | | | | | | | | | | | | | | | | | | | |
| | 1 Sand,stone aggregate below 40mm nominal size brick /cinder aggregate | 14.00 | 14.00 | Cmt. | 21.79 | 26.19 | 30.50 | 34.65 | 38.85 | 42.97 | 47.01 | 50.98 | 54.88 | 58.71 | 5.85 | 5.27 | 4.87 | 4.82 | 5.36 | 4.79 | 4.62 | 4.50 | |
| | 2 stone aggregate 40mm nominal size and above | 14.00 | 12.60 | Cmt. | 24.21 | 29.10 | 33.89 | 38.50 | 43.16 | 47.74 | 52.24 | 56.65 | 60.98 | 65.24 | 6.50 | 5.86 | 5.41 | 5.35 | 5.96 | 5.32 | 5.13 | 5.00 | |
| | 3 soling stone | 14.00 | 9.80 | Cmt. | 31.13 | 37.41 | 43.58 | 49.50 | 55.50 | 61.38 | 67.16 | 72.83 | 78.40 | 83.88 | 8.36 | 7.53 | 6.95 | 6.88 | 7.66 | 6.84 | 6.60 | 6.42 | |
| | 4 concrete blocks [Foam] | 14.00 | 14.00 | Cmt. | 21.79 | 26.19 | 30.50 | 34.65 | 38.85 | 42.97 | 47.01 | 50.98 | 54.88 | 58.71 | 5.85 | 5.27 | 4.87 | 4.82 | 5.36 | 4.79 | 4.62 | 4.50 | |
| 3.2.2 | Bricks | | | | | | | | | | | | | | | | | | | | | | |
| | 1 Modular bricks | 7000.00 | 7000.00 | 1000 NOS | 43.58 | 52.37 | 61.01 | 69.30 | 77.70 | 85.94 | 94.02 | 101.96 | 109.76 | 117.43 | 11.70 | 10.55 | 9.73 | 9.63 | 10.72 | 9.58 | 9.24 | 8.99 | |
| | 2 Conventional bricks | 7000.00 | 7000.00 | | 43.58 | 52.37 | 61.01 | 69.30 | 77.70 | 85.94 | 94.02 | 101.96 | 109.76 | 117.43 | 11.70 | 10.55 | 9.73 | 9.63 | 10.72 | 9.58 | 9.24 | 8.99 | |
| 3.2.3 | Tiles. | | | | | | | | | | | | | | | | | | | | | | |
| | 1 Bricks tiles | 7500.00 | 7500.00 | 1000 NOS | 40.68 | 48.88 | 56.94 | 64.68 | 72.52 | 80.21 | 87.76 | 95.17 | 102.45 | 109.60 | 10.92 | 9.84 | 9.09 | 8.99 | 10.01 | 8.94 | 8.62 | 8.40 | |
| | 2 Roofing tiles[Flat] | 7500.00 | 7500.00 | | 40.68 | 48.88 | 56.94 | 64.68 | 72.52 | 80.21 | 87.76 | 95.17 | 102.45 | 109.60 | 10.92 | 9.84 | 9.09 | 8.99 | 10.01 | 8.94 | 8.62 | 8.40 | |
| 3.2.6 | Cement | 20.00 | 20.00 | M.T | 111.36 | 114.44 | 117.46 | 120.36 | 123.30 | 126.18 | 129.02 | 131.79 | 134.52 | 137.21 | 4.09 | 3.69 | 3.41 | 3.37 | 3.75 | 3.35 | 3.23 | 3.15 | |
| 3.2.7 | steel | 20.00 | 20.00 | M.T | 121.36 | 124.44 | 127.46 | 130.36 | 133.30 | 136.18 | 139.02 | 141.79 | 144.52 | 147.21 | 4.09 | 3.69 | 3.41 | 3.37 | 3.75 | 3.35 | 3.23 | 3.15 | |
| | Note for item no 3.2.7[.e steel] Add Rs 10/ M T as handling charges for the lead from 0. KM to 5.00 Km only | | | | | | | | | | | | | | | | | | | | | | |
| 3.2.8 | Timber | 14.00 | 14.00 | Cmt. | 21.79 | 26.19 | 30.50 | 34.65 | 38.85 | 42.97 | 47.01 | 50.98 | 54.88 | 58.71 | 5.85 | 5.27 | 4.87 | 4.82 | 5.36 | 4.79 | 4.62 | 4.50 | |
| 3.2.9 | Tar, bitumen etc. | 20.00 | 20.00 | M.T | 111.36 | 114.44 | 117.46 | 120.36 | 123.30 | 126.18 | 129.02 | 131.79 | 134.52 | 137.21 | 4.09 | 3.69 | 3.41 | 3.37 | 3.75 | 3.35 | 3.23 | 3.15 | |
| 3.2.10 | Stem coal | 14.00 | 14.00 | M.T | 21.79 | 26.19 | 30.50 | 34.65 | 38.85 | 42.97 | 47.01 | 50.98 | 54.88 | 58.71 | 5.85 | 5.27 | 4.87 | 4.82 | 5.36 | 4.79 | 4.62 | 4.50 | |
| 3.2.12 A | S W pipes | | | | | | | | | | | | | | | | | | | | | | |
| | A] 100.00MM Dia | 2000.00 | 1200.00 | 100 Meter. | 25.42 | 30.55 | 35.59 | 40.42 | 45.32 | 50.13 | 54.85 | 59.48 | 64.03 | 68.50 | 6.82 | 6.15 | 5.68 | 5.62 | 6.25 | 5.59 | 5.39 | 5.25 | |
| | Pipes of 60 cm length | | | | | | | | | | | | | | | | | | | | | | |

| SR. NO | MATERIAL | CAPACITY PER TRIP | NET QTY. PAYABLE AFTER DEDUCTION OF VOID | UNIT OF RATE | RATE PER UNIT FOR SPECIAL LEAD UPTO 5 KM | | | | | | | | | | RATE PER UNIT PER Km. FOR KILOMETERAGE ABOVE 5Km LEAD FALLING IN TOTAL RANGE BETWEEN | | | | | | | |
|----------|------------------------------------|-------------------|--|--------------|--|---------|---------|---------|---------|---------|---------|---------|---------|---------|--|---------------------------|---------------------------|---------------------------|----------------------------|-----------------------------|-----------------------------|--------------|
| | | | | | 0.50 | 1.00 | 1.50 | 2.00 | 2.50 | 3.00 | 3.50 | 4.00 | 4.50 | 5.00 | ABOVE 5Km. & UP TO 10Km. | ABOVE 10Km. & UP TO 15Km. | ABOVE 15Km. & UP TO 25Km. | ABOVE 25Km. & UP TO 50Km. | ABOVE 50Km. & UP TO 100Km. | ABOVE 100Km. & UP TO 200Km. | ABOVE 200Km. & UP TO 400Km. | ABOVE 400Km. |
| | | | | | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km | Km |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 3.2.12 B | B) 150.00 M M Dia | 1000.00 | 600.00 | 100 Meter. | 50.85 | 61.10 | 71.17 | 80.85 | 90.65 | 100.26 | 109.70 | 118.96 | 128.06 | 137.00 | 13.65 | 12.31 | 11.36 | 11.24 | 12.51 | 11.18 | 10.78 | 10.49 |
| | Pipes of 60 cm length | | | | | | | | | | | | | | | | | | | | | |
| 3.12.13 | RCC pipes and C I pipes | | | | | | | | | | | | | | | | | | | | | |
| | A) 100.00MM Dia | 1000.00 | 600.00 | 100 Meter. | 50.85 | 61.10 | 71.17 | 80.85 | 90.65 | 100.26 | 109.70 | 118.96 | 128.06 | 137.00 | 13.65 | 12.31 | 11.36 | 11.24 | 12.51 | 11.18 | 10.78 | 10.49 |
| | Pipes of 3.66 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | B) 125.00 M M Dia | 800.00 | 500.00 | 100 Meter. | 61.02 | 73.32 | 85.41 | 97.01 | 108.77 | 120.31 | 131.63 | 142.75 | 153.67 | 164.40 | 16.38 | 14.77 | 13.63 | 13.48 | 15.01 | 13.41 | 12.93 | 12.59 |
| | Pipes of 3.66 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | C) 150MM Dia | 600.00 | 400.00 | 100 Meter. | 76.27 | 91.65 | 106.76 | 121.27 | 135.97 | 150.39 | 164.54 | 178.44 | 192.09 | 205.50 | 20.47 | 18.46 | 17.04 | 16.85 | 18.76 | 16.76 | 16.16 | 15.74 |
| | Pipes of 5.50 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | D) 200 MM Dia | 400.00 | 250.00 | 100 Meter. | 122.04 | 146.64 | 170.82 | 194.03 | 217.55 | 240.62 | 263.27 | 285.50 | 307.34 | 328.80 | 32.76 | 29.53 | 27.26 | 26.97 | 30.02 | 26.82 | 25.86 | 25.19 |
| | Pipes of 5.50 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | E) 250 MM Dia | 200.00 | 150.00 | 100 Meter. | 203.39 | 244.40 | 284.69 | 323.38 | 362.58 | 401.04 | 438.78 | 475.83 | 512.23 | 547.99 | 54.59 | 49.22 | 45.43 | 44.94 | 50.03 | 44.70 | 43.10 | 41.98 |
| | Pipes of 5.50 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | F) 300 MM Dia | 150.00 | 125.00 | 100 Meter. | 244.07 | 293.28 | 341.63 | 388.06 | 435.10 | 481.25 | 526.54 | 571.00 | 614.67 | 657.59 | 65.51 | 59.07 | 54.52 | 53.93 | 60.04 | 53.64 | 51.72 | 50.37 |
| | Pipes of 5.50 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | G) 350 MM Dia | 100.00 | 80.00 | 100 Meter. | 381.36 | 458.25 | 533.80 | 606.34 | 679.84 | 751.95 | 822.71 | 892.19 | 960.43 | 1027.49 | 102.36 | 92.29 | 85.18 | 84.27 | 93.81 | 83.82 | 80.82 | 78.70 |
| | Pipes of 5.50 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | H) 450 & 500 M M Dia | 75.00 | 55.00 | 100 Meter. | 554.71 | 666.55 | 776.44 | 881.95 | 988.85 | 1093.75 | 1196.67 | 1297.73 | 1396.98 | 1494.53 | 148.89 | 134.24 | 123.90 | 122.58 | 136.46 | 121.91 | 117.55 | 114.48 |
| | Pipes of 5.50 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | I) 600.700 & 750 mm Dia | 50.00 | 30.00 | 100 Meter. | 1016.97 | 1222.00 | 1423.47 | 1616.90 | 1812.90 | 2005.20 | 2193.90 | 2379.2 | 2561.1 | 2740.0 | 272.97 | 246.11 | 227.15 | 224.72 | 250.17 | 223.51 | 215.51 | 209.88 |
| | Pipes of 5.50 Meter length | | | | | | | | | | | | | | | | | | | | | |
| | J) 800.900.1000,1100 & 1200 mm Dia | 25.00 | 20.00 | 100 Meter. | 1525.45 | 1833.00 | 2135.20 | 2425.35 | 2719.35 | 3007.80 | 3290.85 | 3568.75 | 3841.7 | 4110.0 | 409.45 | 369.17 | 340.72 | 337.08 | 375.26 | 335.27 | 323.27 | 314.82 |
| | Pipes of 3.66 Meter length | | | | | | | | | | | | | | | | | | | | | |

| Chapter-1 Basic Material | | | | |
|--------------------------|------|--|-------|--------|
| Sr No. | Code | Description | Unit | Rate |
| 1 | M019 | Abonite ball cock 25mm dia | 1 | 103.00 |
| 2 | M020 | Abonite ball cock 50mm dia | Each | 138.00 |
| 3 | M021 | Acid proof paint (Chocolate or Black) | Litre | 220.00 |
| 4 | M022 | Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 20cms. Length | Each | 45.00 |
| 5 | M023 | Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 25cms. Length | Each | 50.00 |
| 6 | M024 | Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 30cms. Length | Each | 60.00 |
| 7 | M025 | Aldrop 20mm. dia Size with necessary fitting Iron Oxidised 35cms. Length | Each | 70.00 |
| 8 | M026 | Aldrop 20mm. dia Size with necessary fitting Alluminium 20cms. Length | Each | 80.00 |
| 9 | M027 | Aldrop 20mm. dia Size with necessary fitting Alluminium 25cms. Length | Each | 82.00 |
| 10 | M028 | Aldrop 20mm. dia Size with necessary fitting Alluminium 30cms. Length | 66-70 | 110.00 |
| 11 | M029 | Aldrop 20mm. dia Size with necessary fitting Alluminium 35cms. Length | 71-73 | 130.00 |
| 12 | M030 | Aldrop 20mm. dia Size with necessary fitting Brass 20cms. Length | Each | 255.00 |
| 13 | M031 | Aldrop 20mm. dia Size with necessary fitting Brass 25cms. Length | Each | 275.00 |
| 14 | M032 | Aldrop 20mm. dia Size with necessary fitting Brass 30cms. Length | Each | 290.00 |
| 15 | M033 | Aldrop 20mm. dia Size with necessary fitting Brass 35cms. Length | Each | 320.00 |
| 16 | M034 | Aldrop 20mm. dia Size with necessary fitting Brass CP 20cms. Length | Each | 270.00 |
| 17 | M035 | Aldrop 20mm. dia Size with necessary fitting Brass CP 25cms. Length | Each | 285.00 |
| 18 | M036 | Aldrop 20mm. dia Size with necessary fitting Brass CP 30cms. Length | Each | 290.00 |
| 19 | M037 | Aldrop 20mm. dia Size with necessary fitting Brass CP 35cms. Length | Each | 320.00 |
| 20 | M038 | Aluminum paint | Litre | 200.00 |
| 21 | M039 | Aluminum Perforated jali of any size | sq.m. | 185.00 |
| 22 | M040 | Aluminum Powder | kg | 14.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 23 | M041 | Aluminum sheet 22 guage thick | sq.m. | 225.00 |
| 24 | M042 | Angle bracket Iron 10 x 12 size (25cms x 30cms.) | Doz. | 227.00 |
| 25 | M043 | Angle bracket Iron 12 x 14 size (309 cms. x 35cms) | Doz. | 235.00 |
| 26 | M044 | Angle size 15 x 15 cm. (Glazed) | 10 Each | 110.00 |
| 27 | M045 | Anodised Alluminum Screws 20 mm | 100 Each | 49.00 |
| 28 | M046 | Anodised Alluminum Screws 30 mm | 100 Each | 73.00 |
| 29 | M047 | Anodised Alluminum Screws 40 mm | 100 Each | 78.00 |
| 30 | M048 | Anodised Aluminum Butt hinges 100 mm x 63 mm x 3.2 mm | 10 Each | 239.00 |
| 31 | M049 | Anodised Aluminum Butt hinges 50 mm x 45 mm x 3.2 mm | 10 Each | 123.00 |
| 32 | M050 | Anodised Aluminum Butt hinges 75 mm x 45 mm x 3.2 mm | 10 Each | 130.00 |
| 33 | M051 | Anodised Aluminum Butt hinges 75 mm x 63 mm x 3.2 mm | 10 Each | 157.00 |
| 34 | M052 | Anticorrosive bituminous paint | Litre | 90.00 |
| 35 | M053 | Asbestos Rope | Rmt | 9.00 |
| 36 | M054 | Asphalt CRMB 50 Bulk | MT | 50948.00 |
| 37 | M055 | Asphalt CRMB 50 pack | MT | 55948.00 |
| 38 | M056 | Asphalt CRMB 55 Bulk | MT | 51000.00 |
| 39 | M057 | Asphalt CRMB 55 Pack | MT | 56000.00 |
| 40 | M058 | Asphalt CRMB 60 Bulk | MT | 51500.00 |
| 41 | M059 | Asphalt CRMB 60 Pack | MT | 56500.00 |
| 42 | M060 | Asphalt Grade VG 40 pack | MT | 55000.00 |
| 43 | M061 | Asphalt Grade VG 30 Bulk | MT | 46892.00 |
| 44 | M062 | Asphalt Grade VG 30 Pack | MT | 53230.00 |
| 45 | M063 | Asphalt Grade VG 10 Bulk | MT | 45948.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 46 | M064 | Asphalt Grade VG 10 pack | MT | 52286.00 |
| 47 | M065 | Asphalt Grade VG 40 Bulk | MT | 48000.00 |
| 48 | M066 | Asphalt PMB SB 40 Bulk | MT | 8049.00 |
| 49 | M067 | Asphalt PMB SB 40 Pack | MT | 12047.00 |
| 50 | M068 | Asphalt PMB SB 70 Bulk | MT | 8241.00 |
| 51 | M069 | Asphalt PMB SB 70 Pack | MT | 12342.00 |
| 52 | M070 | Bajri or figure glass 3mm thick | sq.m. | 190.00 |
| 53 | M071 | Bajri or figure glass 4mm thick | sq.m. | 225.00 |
| 54 | M072 | Ball Catch width spring 1/2 Dia (13mm) | Each | 10.00 |
| 55 | M073 | Ball Catch width spring 5/8 Dia. (16mm) | Each | 8.00 |
| 56 | M074 | Ballies 125 mm dia. | Rmt | 36.00 |
| 57 | M075 | Ballies 80 mm dia. | Rmt | 27.00 |
| 58 | M076 | Barbed wire for fencing of galvanized steel wire | Quintal | 6800.00 |
| 59 | M077 | Bat clamps 100 mm dia | Each | 18.00 |
| 60 | M078 | Bat clamps 80 mm dia | Each | 13.00 |
| 61 | M079 | Battens 75mm x100mm. country wood | cu.dm. | 24.00 |
| 62 | M080 | Battens Indian teakwood size 12mm x 12mm | Rmt | 4.00 |
| 63 | M081 | Battens Indian teakwood size 12mm x 19mm | Rmt | 6.50 |
| 64 | M082 | Battens Indian teakwood size 12mm x 35mm | Rmt | 14.00 |
| 65 | M083 | Battens Indian teakwood size 19mm x 19mm | Rmt | 8.50 |
| 66 | M084 | Battens Indian teakwood size 19mm x 25mm | Rmt | 13.00 |
| 67 | M085 | Battens 50 mm x 25 mm | Rmt | 24.00 |
| 68 | M086 | Battens 50 mm x 50 mm | cu.dm. | 24.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 69 | M087 | Battens 75 mm x 100 mm | Rmt | 24.00 |
| 70 | M088 | Battens 75 mm x 50 mm | cu.dm. | 24.00 |
| 71 | M089 | Bees Wax | kg | 72.00 |
| 72 | M090 | Bevelled edge mirror 600mm x 450mm | Each | 273.00 |
| 73 | M091 | Bilimoria Brick | 1000 Each | 3638.00 |
| 74 | M092 | Binding wire of 18 gauge thick annealed iron | kg | 47.00 |
| 75 | M093 | Binding Wires | kg | 47.00 |
| 76 | M094 | Bitumen Washer | 100 Each | 49.00 |
| 77 | M095 | Bituminous Paint | Litre | 51.00 |
| 78 | M096 | Black Japan Paint. | Litre | 51.00 |
| 79 | M097 | Black plastic sheet with cover with C.P. Brass Hinges and Rubber butters white Vitrious China | Each | 291.00 |
| 80 | M098 | Black stone for cooking Platfrom (1.50 Sq.Mt.) | Each | 553.00 |
| 81 | M099 | Blasting Powder | kg | 51.00 |
| 82 | M100 | Bolt 'L' 3 to 4 size iron (7.5cms to 10 cms) | Doz. | 65.00 |
| 83 | M101 | Bolts 12 mm dia. 10 cm. Long | kg | 64.00 |
| 84 | M103 | Boundry Stone | Each | 37.00 |
| 85 | M104 | Brass Screw Down bib type. 15mm dia. | Each | 164.00 |
| 86 | M105 | Brass Screw Down bib type. 20mm dia | Each | 206.00 |
| 87 | M106 | Brass screw down stop cock 15 mm dia | Each | 206.00 |
| 88 | M107 | Brass screw down stop cock 20 mm dia | Each | 224.00 |
| 89 | M108 | Brass screw down stop cock 25 mm dia | Each | 221.00 |
| 90 | M109 | Brick bats chhara | cu.m. | 153.00 |
| 91 | M110 | Brick aggregate 40mm size | cu.m. | 153.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 92 | M111 | C.I. Cap Gril As per Std. Design | Each | 52.00 |
| 93 | M112 | C.I. Cover with frame 300mm x 300mm | Each | 468.00 |
| 94 | M113 | C.I. Cover with frame 455mm x 610mm | Each | 959.00 |
| 95 | M114 | C.I. Cover with frame 500mm x 700mm | Each | 1333.00 |
| 96 | M115 | C.I. Cover with frame 600mm x 850mm | Each | 4301.00 |
| 97 | M116 | C.I. Cover with frame for manholes | Quintal | 6639.00 |
| 98 | M117 | C.I. Cover without frame 300mm x 300mm | Each | 550.00 |
| 99 | M118 | C.I. Cover without frame 455mm x 610mm | Each | 1128.00 |
| 100 | M119 | C.I. Cover without frame 500mm x 700mm | Each | 1568.00 |
| 101 | M120 | C.I. Cover without frame 600mm x 850mm | Each | 5060.00 |
| 102 | M121 | C.I. Cover without frame for manholes | Quintal | 7810.00 |
| 103 | M122 | C.I. Cowel 100 mm dia | Each | 402.00 |
| 104 | M123 | C.I. Cowel 75mm dia | Each | 290.00 |
| 105 | M124 | C.I. Flushing cistem with fittings 12.5 Litre High level | Each | 748.00 |
| 106 | M125 | C.I. Greating 100 mm x 100 mm | Each | 68.00 |
| 107 | M126 | C.I. Nahni trap | Each | 159.00 |
| 108 | M127 | C.I. or M.S Brackets | Each | 52.00 |
| 109 | M128 | C.I. ring painted with coal tar | Each | 110.00 |
| 110 | M129 | C.I. steps 50cm x 15cm. 2.25cm. | Each | 131.00 |
| 111 | M130 | C.P. Brash Screws & Washers 25 mm size | Each | 17.00 |
| 112 | M131 | C.P. Brass 1/2 turn flush cock 20 mm dia | Each | 255.00 |
| 113 | M132 | C.P. Brass 1/2 turn flush cock 25 mm dia | Each | 264.00 |
| 114 | M133 | C.P. Brass 1/2 turn flush cock 32 mm dia | Each | 276.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 115 | M134 | C.P. Brass shower rose 100mm dia. | Each | 281.00 |
| 116 | M135 | C.P. Brass toilet paper holder of stand and size | Each | 258.00 |
| 117 | M136 | C.R.C Sheet | Quintal | 5270.00 |
| 118 | M137 | Cast iron grating 100mm dia. | Each | 37.00 |
| 119 | M138 | Cast iron grating 150mm dia. | Each | 52.00 |
| 120 | M139 | Cast Iron Spigot and Socket soil pipe 100mm | Each | 1380.00 |
| 121 | M140 | Cast Iron Spigot and Socket soil pipe 75mm | Each | 1146.00 |
| 122 | M141 | Cast Steel Rocker Bairing | MT | 58905.00 |
| 123 | M142 | Cast Steel Rocker Rocker Bairing | MT | 58905.00 |
| 124 | M143 | Cement | MT | 6460.00 |
| 125 | M144 | Cement Bags (Empty) | Each | 2.81 |
| 126 | M145 | Ceramic Tiles | sq.m. | 250.00 |
| 127 | M146 | Chain link 2 10 x 10 gauge (Galvanised) | sq.m. | 300.00 |
| 128 | M147 | Chain link 2.5 10x10 gauge chain link Plastic | sq.m. | 300.00 |
| 129 | M148 | Chapras for cupboard Brass Size 4 to 6 | Doz. | 335.00 |
| 130 | M149 | Chapras for cupboard Brass Size less than 4 | Doz. | 310.00 |
| 131 | M150 | Chapras for cupboard Iron Size 3x6 (7.5cms x 15cms) | Doz. | 82.00 |
| 132 | M151 | Chapras for cupboard Iron Size less than 3 (9.5 cms.) | Doz. | 62.00 |
| 133 | M152 | Chicken wire mesh 16 x24 | sq.m. | 215.00 |
| 134 | M153 | Chromium Plated brass Bib tap. 15mm dia. | Each | 187.00 |
| 135 | M154 | Chromium Plated brass Bib tap. 20mm dia. | Each | 215.00 |
| 136 | M155 | Chromium platted bottle trap | Each | 281.00 |
| 137 | M156 | Clamps in two semi-circular halves of M.S. Flat 40 mm x 3 mm | kg | 60.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 138 | M157 | Coal Tar | Litre | 28.00 |
| 139 | M158 | Coarse sand | cu.m. | 196.00 |
| 140 | M159 | Coil type spring | Each | 196.00 |
| 141 | M160 | Coir string | kg | 39.00 |
| 142 | M161 | Cold Twisted Bars | Quintal | 4785.00 |
| 143 | M162 | Commercial Plywood Sheet 12 mm | sq.m. | 361.00 |
| 144 | M163 | Commercial Plywood Sheet 19 mm | sq.m. | 451.00 |
| 145 | M164 | Commercial Plywood Sheet 25 mm | sq.m. | 502.00 |
| 146 | M165 | Commercial Plywood Sheet 6 mm | sq.m. | 183.00 |
| 147 | M166 | Common Burnt clay Bricks Conventional size | 1000 Each | 3570.00 |
| 148 | M167 | Common Burnt clay Bricks Modular size 20x10x10 cm | 1000 Each | 3740.00 |
| 149 | M168 | Contry wood Malayasian mersova (imported) | cu.dm. | 30.00 |
| 150 | M169 | Coolex glass (Heat resistant) | sq.m. | 275.00 |
| 151 | M170 | Copper metal ball cock 25mm dia | Each | 133.00 |
| 152 | M171 | Copper metal ball cock 50mm dia | Each | 190.00 |
| 153 | M172 | Corrugated A.C. Sheet 6 mm thick | sq.m. | 0.00 |
| 154 | M173 | Corrugated A.C. Sheet 7 mm thick | sq.m. | 0.00 |
| 155 | M174 | Country Wood | cu.dm. | 26.00 |
| 156 | M175 | Crimp Jali 12 gauge | sq.m. | 315.00 |
| 157 | M176 | Crushed stone aggregate for Hard Quality 10 to 20mm size | cu.m. | 330.00 |
| 158 | M177 | Crushed stone aggregate for Hard Quality 10mm size | cu.m. | 390.00 |
| 159 | M178 | Crushed stone aggregate for Hard Quality 20mm size | cu.m. | 413.00 |
| 160 | M179 | Crushed stone aggregate for Hard Quality 40mm size | cu.m. | 319.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 161 | M180 | Crushed stone aggregate for Hard Quality 40mm to 63mm size | cu.m. | 293.00 |
| 162 | M181 | Crushed stone aggregate for Hard Quality 6 to 10mm size | cu.m. | 274.00 |
| 163 | M182 | Crushed stone aggregate for Hard Quality 6mm size | cu.m. | 0.00 |
| 164 | M183 | Dark shade pigment | kg | 76.00 |
| 165 | M184 | Datta nylon for furniture size 1 to 1 1/4 (2.5 cms to 3.0 cms) | Each | 8.00 |
| 166 | M185 | Datta rubber for door size upto 1 (2.5cms) | Each | 15.00 |
| 167 | M186 | Decorative ply wood 4 mm thick | sq.m. | 298.00 |
| 168 | M187 | Devdar wood battens and Planks | cu.dm. | 24.00 |
| 169 | M188 | Diesel | Litre | 88.00 |
| 170 | M189 | Distemper Primer | Litre | 68.00 |
| 171 | M190 | Door closers (Heavy type of 765 number) Hardwire or Everite Prabhat or Equivalent. | Each | 550.00 |
| 172 | M191 | Door closers arrow type with spring 12 length as approved sample (30 cms) | Each | 560.00 |
| 173 | M192 | Door shutters Decorative type 25mm. thick Both sides teak finished | sq.m. | 1300.00 |
| 174 | M193 | Door shutters Decorative type 35mm. thick Both sides teak finished | sq.m. | 1270.00 |
| 175 | M194 | Dry Distemper | kg | 43.00 |
| 176 | M195 | Emulsion with aldring heptachlor or chlordane | Litre | 149.00 |
| 177 | M196 | Emulsion with Dieldrin | Litre | 149.00 |
| 178 | M197 | Enamel Paint | Litre | 179.00 |
| 179 | M198 | Enamel Primer | Litre | 115.00 |
| 180 | M199 | Expanded metal jali 12 x 12 gauge | sq.m. | 190.00 |
| 181 | M200 | Extra cost of R.S. having width 3.5Mt. & above | sq.m. | 274.00 |
| 182 | M201 | Fevicol S.R. 998 | kg | 180.00 |
| 183 | M202 | Fibre Base Bitumen Saturated under Layer Type-L | sq.m. | 89.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 184 | M203 | Fibre Base Self finished Felt Type-II. Grade | sq.m. | 103.00 |
| 185 | M204 | Fibre Insulation Board 12 mm thick | sq.m. | 188.00 |
| 186 | M205 | Fibre Insulation Board 18 mm thick | sq.m. | 272.00 |
| 187 | M206 | Fibre Insulation Board 25 mm thick | sq.m. | 349.00 |
| 188 | M207 | Fifth K.M. Pre Cast R.C.C. Stone as per I.R.C.Type Design. | Each | 1071.00 |
| 189 | M208 | Fifth K.M. Stone as per I.R.C.Type Design. | Each | 670.00 |
| 190 | M209 | Fine sand | cu.m. | 179.00 |
| 191 | M210 | Flat back wash basin Colour glazed 450 x 300 size | Each | 550.00 |
| 192 | M211 | Flat back wash basin Colour glazed 550 x 400 size | Each | 523.00 |
| 193 | M212 | Flat back wash basin Colour glazed 630 x 510 size | Each | 1365.00 |
| 194 | M213 | Flat back wash basin White vitrious china 450mm x 300mm size | Each | 475.00 |
| 195 | M214 | Flat back wash basin White vitrious china 550mm x 400mm | Each | 650.00 |
| 196 | M215 | Flat back wash basin White vitrious china 630 x 510 size | Each | 1310.00 |
| 197 | M216 | Flushing cistern P.V.C. with fittings 12.5 Litre high level | Each | 800.00 |
| 198 | M217 | Flushing cistern White vitrious with C.P. Brass handle etc. 12.5 Litre Low level | Each | 1590.00 |
| 199 | M218 | Fly Ash Brick | 1000 Each | 4250.00 |
| 200 | M219 | Fuel Steam Coal | Quintal | 170.00 |
| 201 | M220 | Fuse | Each | 111.00 |
| 202 | M221 | G.I Sheet 0.8 mm thick Corrugated class-3 | Quintal | 5376.00 |
| 203 | M222 | G.I Sheet 0.8 mm thick Plain class-3 | Quintal | 5230.00 |
| 204 | M223 | G.I Sheet 0.8 mm thick Semi-Circular class-3 | Quintal | 5230.00 |
| 205 | M224 | G.I. Barbed Wire | Quintal | 6800.00 |
| 206 | M225 | G.I. Pipe 30 cm long 50 mm dia | Each | 102.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 207 | M226 | G.I. J or L Hooks | 10 Each | 88.00 |
| 208 | M227 | G.I. Plain Washer | 100 Each | 88.00 |
| 209 | M228 | G.I.Seam Bolts and Nuts 25 mm x 6 mm | 10 Each | 117.00 |
| 210 | M229 | G.S.W. fitting Bends. 100mm dia. | Each | 50.00 |
| 211 | M230 | G.S.W. fitting Bends. 150mm dia | Each | 60.00 |
| 212 | M231 | G.S.W. Half round channel 150mm dia. 60 Cm long | Each | 46.00 |
| 213 | M232 | G.S.W. Junction 100 mm dia | Each | 64.00 |
| 214 | M233 | G.S.W. Junction 150 mm dia | Each | 118.00 |
| 215 | M234 | Galvanised Mild steel tube Lower Grade 150mm dia | Rmt | 950.00 |
| 216 | M235 | Galvanised Mild steel tube Medium Grade 15mm dia | Rmt | 94.00 |
| 217 | M236 | Galvanised Mild steel tube Medium Grade 20mm dia | Rmt | 122.00 |
| 218 | M237 | Galvanised Mild steel tube Medium Grade 25mm dia | Rmt | 173.00 |
| 219 | M238 | Galvanised Mild steel tube Medium Grade 32mm dia | Rmt | 219.00 |
| 220 | M239 | Galvanised Mild steel tube Medium Grade 40mm dia | Rmt | 267.00 |
| 221 | M240 | Galvanised Mild steel tube Medium Grade 50mm dia | Rmt | 349.00 |
| 222 | M241 | Galvanised Mild steel tube Medium Grade 65mm dia | Rmt | 437.00 |
| 223 | M242 | Galvanised Mild steel tube Medium Grade 80mm dia | Rmt | 564.00 |
| 224 | M243 | Gauge Plate | Quintal | 4675.00 |
| 225 | M244 | Geru in crystal (Sona) | kg | 1.80 |
| 226 | M245 | GIMS Nuts 5 mm thick 80 mm dia | Each | 64.00 |
| 227 | M246 | GIMS T 65 mm x 65 mm | Each | 269.00 |
| 228 | M247 | Glass 2 mm to 3 mm thick | sq.m. | 125.00 |
| 229 | M248 | Glass Shelf with C.P. Guard Rail and Brackets 600mm x 120mm | Each | 231.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 230 | M249 | Glass strips 4 mm thick 40mm depth | Rmt | 13.00 |
| 231 | M250 | Glass strips 6mm thick 40mm depth | Rmt | 17.00 |
| 232 | M251 | Glasses 2 mm to 3 mm thick | sq.m. | 145.00 |
| 233 | M252 | Glasses 3 mm thick | sq.m. | 230.00 |
| 234 | M253 | Granite Slab (18 mm thick) 1 side Polished | sq.m. | 1590.00 |
| 235 | M254 | Grinding Polishing Rounding or edges of Glass or Glazing Sheet | Rmt | 21.00 |
| 236 | M255 | Grindina Polishing rounding or edges of glass or glazing sheet (B) Rubbings & Polishing of tiles or stone flooring | sq.m. | 43.00 |
| 237 | M256 | Ground glass (Frosted or obscurd on one side) 3 mm thick | sq.m. | 200.00 |
| 238 | M257 | Ground glass (Frosted or obscurd on one side) 4 mm thick | sq.m. | 230.00 |
| 239 | M258 | Ground glass (Frosted or obscurd on one side) 5 mm thick | sq.m. | 290.00 |
| 240 | M259 | Guard Stone | Each | 37.00 |
| 241 | M260 | Gum | kg | 25.00 |
| 242 | M261 | Gun metal screw down bib tap-15 mm dia | Each | 159.00 |
| 243 | M262 | Gun metal screw down bib tap-20 mm dia | Each | 178.00 |
| 244 | M263 | Gun metal wheel valve 15mm dia | Each | 187.00 |
| 245 | M264 | Gun metal wheel valve 20mm dia | Each | 204.00 |
| 246 | M265 | Gun Metal Wheel Valve 25mm dia. | Each | 421.00 |
| 247 | M266 | Gun metal wheel valve 32mm dia | Each | 315.00 |
| 248 | M267 | Gun Metal Wheel Valve 40mm dia. | Each | 664.00 |
| 249 | M268 | Hacksaw blade double thread | Doz. | 60.00 |
| 250 | M269 | Hactometer Stone as per Type design. | Each | 107.00 |
| 251 | M270 | Hactometer Stone Pre Cast R.C.C. Stone as per Type design | Each | 268.00 |
| 252 | M271 | Hammer Iron 1 LBS | Each | 60.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 253 | M272 | Hammer Iron 2 LBS | Each | 85.00 |
| 254 | M273 | Hand broken stone aggregate 25mm size to 90mm size | cu.m. | 173.00 |
| 255 | M274 | Hand broken stone aggregate 40mm size to 63mm size. | cu.m. | 203.00 |
| 256 | M275 | Handle for doors Windows Cupboards etc. Brass 10 cms. Length | Each | 60.00 |
| 257 | M276 | Handle for doors Windows Cupboards etc. Brass 15 cms. Length | Each | 70.00 |
| 258 | M277 | Handle for doors Windows Cupboards etc. C.P. Brass 10 cms. Length | Each | 40.00 |
| 259 | M278 | Handle for doors Windows Cupboards etc. C.P. Brass 15 cms. Length | Each | 52.00 |
| 260 | M279 | Handle for doors Windows Cupboards etc. 10 cms. Length | Each | 18.00 |
| 261 | M280 | Handle for doors Windows Cupboards etc. 15 cms. Length | Each | 22.00 |
| 262 | M281 | Handle for doors Windows Cupboards etc. Iron Oxidized 10 cms. Length | Each | 12.00 |
| 263 | M282 | Handle for doors Windows Cupboards etc. Iron Oxidized 15 cms. Length | Each | 13.00 |
| 264 | M283 | Handle for steel window (Right & Left) Alluminium | Each | 35.00 |
| 265 | M284 | Handle for steel window (Right & Left) Brass | Each | 51.00 |
| 266 | M285 | Handle for steel window (Right & Left) Iron oxidized | Each | 59.00 |
| 267 | M286 | Handle for steel window (Right & Left) Wrinkle finish | Each | 21.00 |
| 268 | M287 | Hard board sheet 4 mm thick | sq.m. | 145.00 |
| 269 | M288 | Hard Drawn Steel Wire Fabric | sq.m. | 245.00 |
| 270 | M289 | Hard Marrum | cu.m. | 96.00 |
| 271 | M290 | Hi Tensile Steel Wire | MT | 66666.00 |
| 272 | M291 | Hinges (Strap) Alluminium 10 cms. Length | Each | 30.00 |
| 273 | M292 | Hinges (Strap) Alluminium 15 cms. Length | Each | 45.00 |
| 274 | M293 | Hinges (Strap) Alluminium 20 cms length | Each | 55.00 |
| 275 | M294 | Hinges (Strap) M.S. 10 cms. Length or equivalent | Pair | 29.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 276 | M295 | Hinges (Strap) M.S. 12.5 cms. Length or equivalent | Pair | 40.00 |
| 277 | M296 | Hinges butt. I.S.I Mark Brass (Railway type heavy) 7.5 cms. Length or equivalent | Pair | 75.00 |
| 278 | M298 | Hinges butt. I.S.I Mark Steel 10 cms. Length 14 gauge | Pair | 20.00 |
| 279 | M299 | Hinges butt. I.S.I Mark Steel 7.5 cms. Length 16 gauge | Pair | 59.00 |
| 280 | M300 | Hinges butt. I.S.I Mark Alluminium 10 cms. Length | Pair | 75.00 |
| 281 | M301 | Hinges butt. I.S.I Mark Alluminium 7.5 cms. Length | Pair | 45.00 |
| 282 | M302 | Hinges butt. I.S.I Mark C.P.Brass (Railway type Hinges) 10 cms. Length | Pair | 92.00 |
| 283 | M303 | Hinges butt. I.S.I Mark C.P.Brass (Railway type Hinges) 7.5 cms. Length | Pair | 95.00 |
| 284 | M304 | Hinges Parilamentary Steel 10 cms. Length | Each | 195.00 |
| 285 | M305 | Hinges Parilamentary Steel 12.5 cms length | Each | 145.00 |
| 286 | M306 | Hinges Parilamentary Steel 7.5 cms. Length | Each | 125.00 |
| 287 | M307 | Hinges Parilamentary Brass 10 cms. Length | Each | 34.00 |
| 288 | M308 | Hinges Parilamentary Brass 12.5 cms length | Each | 45.00 |
| 289 | M309 | Hinges Parilamentary Brass 7.5 cms. Length | Each | 28.00 |
| 290 | M310 | Hinges Spring 10 cms. Length | Each | 130.00 |
| 291 | M311 | Hinges Spring 7.5 cms. Length | Each | 122.00 |
| 292 | M312 | Hirakani | Each | 190.00 |
| 293 | M313 | Hood Cover 0.9 mm thick | Rmt | 132.00 |
| 294 | M314 | Hood Cover 1.25 mm thick | Rmt | 138.00 |
| 295 | M315 | Hooks and Eyes Alluminium 10 cms. Length | Each | 22.00 |
| 296 | M316 | Hooks and Eyes Alluminium 15 cms. Length | Each | 25.00 |
| 297 | M317 | Hooks and Eyes Alluminium 20 cms length | Each | 36.00 |
| 298 | M318 | Hooks and Eyes C.P.Brass 10 cms. Length | Each | 28.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 299 | M319 | Hooks and Eyes C.P.Brass 15 cms. Length | Each | 39.00 |
| 300 | M320 | Hooks and Eyes C.P.Brass 20 cms length | Each | 50.00 |
| 301 | M321 | Hooks and Eyes Iron oxidized 10 cms. Length | Each | 8.00 |
| 302 | M322 | Hooks and Eyes Iron oxidized 15 cms. Length | Each | 9.00 |
| 303 | M323 | Hooks and Eyes Iron oxidized 20 cms length | Each | 10.00 |
| 304 | M324 | Indian Teak wood | cu.dm. | 55.00 |
| 305 | M325 | Beading Indian Teak wood | cu.dm. | 60.00 |
| 306 | M326 | Indicator Stone as per RCC Type Design | Each | 268.00 |
| 307 | M327 | Indicator Stone as per Type Design | Each | 99.00 |
| 308 | M328 | Integral W.P. compound (Liquid of standard quality) tested as per I.S. 2645 - 1975 | Litre | 85.00 |
| 309 | M329 | Inter Lock [Kadaka lock] | Each | 245.00 |
| 310 | M330 | Iron bib tap 15mm. Dia | Each | 32.00 |
| 311 | M331 | Iron bib tap 20mm. Dia | Each | 42.00 |
| 312 | M332 | Iron Hinges 100 mm x 58 mm x 1.4 mm | 10 Each | 117.00 |
| 313 | M333 | Iron Hinges 100 mm x 58 mm x 1.9 mm | 10 Each | 122.00 |
| 314 | M334 | Iron Hinges 50 mm x 37 mm x 1.5 mm | 10 Each | 93.00 |
| 315 | M335 | Iron Hinges 75 mm x 47 mm x 1.7 mm | 10 Each | 103.00 |
| 316 | M336 | Iron Screws. 20 mm | 100 Each | 78.00 |
| 317 | M337 | Iron Screws. 30 mm | 100 Each | 103.00 |
| 318 | M338 | Iron Screws. 40 mm | 100 Each | 122.00 |
| 319 | M339 | Junction Equal double 100 mm dia | Each | 33.00 |
| 320 | M340 | Junction Equal double 80 mm dia | Each | 30.00 |
| 321 | M341 | Junction Equal Single 100 mm dia | Each | 35.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 322 | M342 | Junction Equal Single 80 mm dia | Each | 28.00 |
| 323 | M343 | Junction Board R.C.C. | Each | 637.00 |
| 324 | M344 | Jute string | kg | 59.00 |
| 325 | M345 | Kada (Indian) with English ball bearing. | Pair | 249.00 |
| 326 | M346 | Kerosene | Litre | 80.00 |
| 327 | M347 | Koda Iron | Each | 135.00 |
| 328 | M348 | Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 25 cms length & 16mm dia | Each | 54.00 |
| 329 | M349 | Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 30 cms length & 16mm dia | Each | 68.00 |
| 330 | M350 | Latch (Tadi) as per sample approved sectional flats (Heavy) Alluminium 35 cms length & 16mm dia | Each | 71.00 |
| 331 | M351 | Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 20 cms. Length | Each | 84.00 |
| 332 | M352 | Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 25 cms. Length | Each | 95.00 |
| 333 | M353 | Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 30 cms length | Each | 115.00 |
| 334 | M354 | Latch (Tadi) as per sample approved sectional flats (Heavy) Brass 35 cms length | Each | 125.00 |
| 335 | M355 | Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 20 cms. Length | Each | 85.00 |
| 336 | M356 | Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 25 cms. Length | Each | 105.00 |
| 337 | M357 | Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 30 cms length | Each | 110.00 |
| 338 | M358 | Latch (Tadi) as per sample approved sectional flats (Heavy) C.P. Brass 35 cms length | Each | 125.00 |
| 339 | M359 | Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 25 cms length & 16mm dia | Each | 25.00 |
| 340 | M360 | Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 30 cms length & 16mm dia | Each | 31.00 |
| 341 | M361 | Latch (Tadi) as per sample approved sectional flats (Heavy) Iron Oxidized 35 cms length & 16mm dia | Each | 35.00 |
| 342 | M362 | Latch for steel window 25 cms to 35cms. Alluminium | Each | 36.00 |
| 343 | M363 | Latch for steel window 25 cms to 35cms. Brass | Each | 28.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 344 | M364 | Latch for steel window 25 cms to 35cms. Iron oxidized | Each | 25.00 |
| 345 | M365 | Latch for steel window 25 cms to 35cms. Wrinkle finish | Each | 35.00 |
| 346 | M366 | Light shade pigment | kg | 81.00 |
| 347 | M367 | Lime gotton crystal | Quintal | 357.00 |
| 348 | M368 | Limpet Washer | 100 Each | 35.00 |
| 349 | M369 | Linseed Oil | Litre | 119.00 |
| 350 | M370 | Locks Baby latch brass chromium 75mm long. | Each | 315.00 |
| 351 | M371 | Locks Bath room latch Navtal (Godrej) | Each | 320.00 |
| 352 | M372 | Locks Godrej cupboard 3 (7.5 cms) | Each | 120.00 |
| 353 | M373 | Locks Godrej Mortice lock cover | Each | 385.00 |
| 354 | M374 | Locks Godrej Night latch | Each | 150.00 |
| 355 | M375 | Locks Locker brass Navtal (Godrej) 75mm dia 7 lever with and set keys. | Each | 250.00 |
| 356 | M376 | M.I. fisher Union 32 mm dia | Each | 75.00 |
| 357 | M377 | M.I. fisher Union 40 mm dia | Each | 84.00 |
| 358 | M378 | M.S. Fixed Plate Bearing | MT | 51425.00 |
| 359 | M379 | M.S. Plate / Flat | Quintal | 4284.00 |
| 360 | M380 | M.S. Road Sign Board / Village Name Board Non-Reflective Type | Each | 1576.00 |
| 361 | M381 | M.S. Road Sign Board / Village Name Board Reflective Type | Each | 2777.00 |
| 362 | M382 | M.S. Rocker Bearing | MT | 51425.00 |
| 363 | M383 | M.S. Roller Bearing | MT | 51425.00 |
| 364 | M384 | M.S. Sheet 1 mm thick | Quintal | 4930.00 |
| 365 | M385 | M.S. village Name Board or Junction Board | Each | 3156.00 |
| 366 | M386 | Manglore Tiles | 1000 Each | 3060.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|---|------------|---------|
| 367 | M387 | Marble number Plate | Each char. | 183.00 |
| 368 | M388 | Marble chips upto 4 mm size. | Quintal | 870.00 |
| 369 | M389 | Marble Powder | cu.m. | 1562.00 |
| 370 | M390 | Marble Slab 18 to 20 mm | sq.m. | 701.00 |
| 371 | M391 | Marble Slab stone 25mm thick double polished | sq.m. | 800.00 |
| 372 | M392 | Marble Slab Extra for mirror finishing on marble slab flooring | sq.m. | 199.00 |
| 373 | M393 | Marble Slab Machine cut marble tiles 6mm thick 30cms x 15cms Mirror finish with chamfering and grove back | sq.m. | 640.00 |
| 374 | M394 | Marble Slab Polished granite stone 20 to 25mm thick black | sq.m. | 3000.00 |
| 375 | M395 | Marble Slab Polished granite stone 20 to 25mm thick Colour | sq.m. | 4300.00 |
| 376 | M396 | Marble Slab Polished marble stone (Rajnagar or Makran 20mm. thick | sq.m. | 850.00 |
| 377 | M397 | Marble Slab Polished marble stone Rajnagar Makarana 20mm size | sq.m. | 850.00 |
| 378 | M398 | Marble Slab Polished marble stone Rajnagar Makarana 20mm size 180 x 60 cms. | sq.m. | 1240.00 |
| 379 | M399 | Marble Slab Polished marble stone Rajnagar Makarana 20mm size 60 x 45 cms. | sq.m. | 1150.00 |
| 380 | M400 | Marble Slab Polished marble stone Rajnagar Makarana 20mm size 90 x 60 cms. | sq.m. | 1210.00 |
| 381 | M401 | Marble Slab White adango 180 x 60cms. | sq.m. | 1050.00 |
| 382 | M403 | Marble Slab White adango 20mm thick colour grey 60x60 cms. | sq.m. | 950.00 |
| 383 | M404 | Marble Slab White adango 60 x 60 cm. | sq.m. | 865.00 |
| 384 | M405 | Marble Slab White adango 60x45 cms. | sq.m. | 830.00 |
| 385 | M407 | Marble Slab White adango 90x6 cm. | sq.m. | 900.00 |
| 386 | M408 | Marble Slab White adango 90x60 cms. | sq.m. | 1000.00 |
| 387 | M409 | Marble year Plate 20cm x 15cm. x 2.5cm | Each | 183.00 |
| 388 | M410 | Marbo granite flooring tiles 8mm th. | sq.m. | 380.00 |
| 389 | M411 | Medium shade pigment | kg | 81.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 390 | M412 | Mild Steel Bars | Quintal | 4567.00 |
| 391 | M413 | Munj for white washing | kg | 30.00 |
| 392 | M414 | Murrum/ binding Material | cu.m. | 64.00 |
| 393 | M415 | Neo Prene Bearing (480 x 310 x 48 mm) | Cu.Cm. | 1.03 |
| 394 | M416 | Nickel Plated bright finished M.S. Piano Hinges | Rmt | 152.00 |
| 395 | M417 | Nickel plated finished M.S.Piano hinges Alluminium 19mm. width (15cm. Length) | Rmt | 179.00 |
| 396 | M418 | Nickel plated finished M.S.Piano hinges Alluminium 25mm. width (15cm. Length) | Rmt | 222.00 |
| 397 | M419 | Nickel plated finished M.S.Piano hinges BRASS 19mm. width 6 (15cm. Length) | Rmt | 242.00 |
| 398 | M420 | Nickel plated finished M.S.Piano hinges BRASS 25mm. width 6(15cm. Length) | Rmt | 246.00 |
| 399 | M421 | Nickel Plated screws 25 mm dia. | sq.m. | 156.00 |
| 400 | M422 | Non Decorative type 25 mm thick Door Shutter | sq.m. | 946.00 |
| 401 | M423 | Non Decorative type 35 mm thick Door Shutter | sq.m. | 1250.00 |
| 402 | M424 | Non reflective solar contact film for fixing on glass. | sq.m. | 475.00 |
| 403 | M425 | North Light Adjustable Ridge | Pair | 95.00 |
| 404 | M426 | Off-set 50 mm - 100 mm dia | Each | 25.00 |
| 405 | M427 | Off-set 50 mm - 80 mm dia | Each | 21.00 |
| 406 | M428 | Off-set 75 mm - 100 mm dia | Each | 26.00 |
| 407 | M429 | Off-set 75 mm - 80 mm dia | Each | 21.00 |
| 408 | M430 | Oil bound distemper | kg | 60.00 |
| 409 | M431 | Oil of 30 No. | Litre | 183.00 |
| 410 | M432 | Omai plast for sunk Portion EP-101 | kg | 600.00 |
| 411 | M433 | Ordinary K.M. Stone (For NH.S.H. M.D.R) | Each | 402.00 |
| 412 | M434 | Ordinary K.M. Stone Pre Cast R.C.C. Stone as per Type design (For NH.S.H.M.D.R.) | Each | 714.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 413 | M435 | Ordinary K.M. Stone Pre Cast R.C.C. Stone as per Type design (ForO.D.R. & V.R.) | Each | 625.00 |
| 414 | M436 | Ordinary K.M.Stone ForO.D.R. & V.R.) | Each | 357.00 |
| 415 | M437 | P.V.C bib tap 15mm. Dia | Each | 25.00 |
| 416 | M438 | P.V.C bib tap 20mm. Dia | Each | 35.00 |
| 417 | M439 | P.V.C. flooring sheetP.V.C 2mm thick | sq.m. | 440.00 |
| 418 | M440 | P.V.C. flooring sheetP.V.C. 2.5mm thick | sq.m. | 580.00 |
| 419 | M441 | P.V.C. Nahni trap | Each | 70.00 |
| 420 | M442 | P.V.C. Pipes 10 kgf / Sq.cm. 110 mm dia. | Rmt | 323.00 |
| 421 | M443 | P.V.C. Pipes 10 kgf / Sq.cm. 50mm dia. | Rmt | 105.00 |
| 422 | M444 | P.V.C. Pipes 10 kgf / Sq.cm. 75mm dia. | Rmt | 189.00 |
| 423 | M445 | P.V.C. Pipes 10 kgf / Sq.cm. 20mm dia. | Rmt | 26.00 |
| 424 | M446 | P.V.C. Pipes 10 kgf / Sq.cm. 25mm dia. | Rmt | 37.00 |
| 425 | M447 | P.V.C. Pipes 10 kgf / Sq.cm. 32mm dia. | Rmt | 47.00 |
| 426 | M448 | P.V.C. Pipes 10 kgf / Sq.cm. 40mm dia. | Rmt | 70.00 |
| 427 | M449 | P.V.C. Pipes 6 kgf / Sq.cm. 110 mm dia. | Rmt | 245.00 |
| 428 | M450 | P.V.C. Pipes 6 kgf / Sq.cm. 50mm dia. | Rmt | 68.00 |
| 429 | M451 | P.V.C. Pipes 6 kgf / Sq.cm. 75mm dia. | Rmt | 129.00 |
| 430 | M452 | P.V.C. Pipes 6 kgf / Sq.cm. 20mm dia. | Rmt | 24.00 |
| 431 | M453 | P.V.C. Pipes 6 kgf / Sq.cm. 25mm dia. | Rmt | 36.00 |
| 432 | M454 | P.V.C. Pipes 6 kgf / Sq.cm. 32mm dia. | Rmt | 44.00 |
| 433 | M455 | P.V.C. Pipes 6 kgf / Sq.cm. 40mm dia. | Rmt | 47.00 |
| 434 | M456 | Particle board sheet 12 mm thick | sq.m. | 242.00 |
| 435 | M457 | Particle board sheet 19 mm thick | sq.m. | 310.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 436 | M458 | Particle board sheet 25 mm thick | sq.m. | 404.00 |
| 437 | M459 | Particle board sheet 35 mm thick | sq.m. | 536.00 |
| 438 | M460 | Petrol | Litre | 88.00 |
| 439 | M461 | Pillar tap 15mm dia | Each | 309.00 |
| 440 | M462 | Pillar tap 20mm dia | Each | 355.00 |
| 441 | M463 | Plain A.C. Sheet 6 mm thick | sq.m. | 0.00 |
| 442 | M464 | Plain asbestos sheet 5mm thick | sq.m. | 0.00 |
| 443 | M465 | Plain asbestos sheet 6mm thick | sq.m. | 0.00 |
| 444 | M466 | Plain asbestos sheet 7mm thick | sq.m. | 0.00 |
| 445 | M467 | Plain G.I. Sheet 1 mm thick | Quintal | 5695.00 |
| 446 | M468 | Plain Glass sheet 3 mm thick | sq.m. | 195.00 |
| 447 | M469 | Plain Glass sheet 4 mm thick | sq.m. | 210.00 |
| 448 | M470 | Planks 30 mm thick Kail or equivalent soft wood | cu.dm. | 25.00 |
| 449 | M471 | Planks 38 mm thick Kail or equivalent soft wood | cu.dm. | 26.00 |
| 450 | M472 | Plastic Emulsion Paint | Litre | 196.00 |
| 451 | M473 | Plate glass (Table glass) 5.5 mm with all edge polished . | sq.m. | 355.00 |
| 452 | M474 | Plywood with both faces teak finished 12mm. thick | sq.m. | 410.00 |
| 453 | M475 | Plywood with both faces teak finished 15mm. thick | sq.m. | 490.00 |
| 454 | M476 | Plywood with both faces teak finished 18mm. thick | sq.m. | 520.00 |
| 455 | M477 | Plywood with both faces teak finished 3mm. thick | sq.m. | 200.00 |
| 456 | M478 | Plywood with both faces teak finished 4mm. thick | sq.m. | 241.00 |
| 457 | M479 | Plywood with both faces teak finished 6mm. thick | sq.m. | 215.00 |
| 458 | M480 | Plywood with both faces teak finished 8mm. thick | sq.m. | 290.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 459 | M481 | Plywood designed with one side commercial and other side teak finished 12mm. thick | sq.m. | 330.00 |
| 460 | M482 | Plywood designed with one side commercial and other side teak finished 15mm. thick | sq.m. | 410.00 |
| 461 | M483 | Plywood designed with one side commercial and other side teak finished 18mm. thick | sq.m. | 410.00 |
| 462 | M484 | Plywood designed with one side commercial and other side teak finished 6mm. thick | sq.m. | 190.00 |
| 463 | M485 | Plywood designed with one side commercial and other side teak finished 8mm. thick | sq.m. | 230.00 |
| 464 | M486 | Plywood sheet (both faces commercial) 3mm. | Rmt | 150.00 |
| 465 | M487 | Plywood sheet (both faces commercial) 4mm. | Rmt | 180.00 |
| 466 | M488 | Plywood sheet (both faces commercial) 6mm | Rmt | 183.00 |
| 467 | M489 | Plywood sheet 9 mm thick (Commercial) | sq.m. | 281.00 |
| 468 | M490 | Polished Kota Stone Slab Green. 25 mm thick | sq.m. | 234.00 |
| 469 | M491 | Polished Kota Stone Slab Green. 30 mm thick | sq.m. | 243.00 |
| 470 | M492 | Polished Kota Stone Slab Green. 40 mm thick | sq.m. | 262.00 |
| 471 | M493 | Pre-cast Cement concrete tiles | sq.m. | 89.00 |
| 472 | M494 | Precast RCC Jali 100 mm thick | sq.m. | 206.00 |
| 473 | M495 | Precast RCC Jali 25 mm thick | sq.m. | 131.00 |
| 474 | M496 | Precast RCC Jali 40 mm thick | sq.m. | 150.00 |
| 475 | M497 | Precast RCC Jali 50 mm thick | sq.m. | 159.00 |
| 476 | M498 | Precast RCC Jali 75 mm thick | sq.m. | 187.00 |
| 477 | M499 | Pre-Moulded bituminous joint Filler 12mm size. | sq.m. | 647.00 |
| 478 | M500 | Pre-Moulded bituminous joint Filler 20mm size | sq.m. | 714.00 |
| 479 | M501 | Pre-Moulded bituminous joint Filler 25mm size | sq.m. | 938.00 |
| 480 | M502 | Pulleys 25 mm dia. | Each | 108.00 |
| 481 | M503 | Pulleys 38 mm dia. | Each | 112.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 482 | M504 | Putty as per ISI specification for fixing glass on steel windows. | kg | 40.00 |
| 483 | M505 | Quarry Spall. | cu.m. | 84.00 |
| 484 | M506 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 150mm dia. | Rmt | 120.00 |
| 485 | M507 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 250mm dia. | Rmt | 175.00 |
| 486 | M508 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 300mm dia. | Rmt | 450.00 |
| 487 | M509 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1000mm dia. | Rmt | 1790.00 |
| 488 | M510 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 450mm dia. | Rmt | 750.00 |
| 489 | M511 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 500mm dia. | Rmt | 900.00 |
| 490 | M512 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 900mm dia. | Rmt | 1580.00 |
| 491 | M513 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1100mm dia. | Rmt | 2030.00 |
| 492 | M514 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 1200mm dia. | Rmt | 2150.00 |
| 493 | M515 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 600mm dia. | Rmt | 978.00 |
| 494 | M516 | R.C.C Heavy Duty Non-Pressure pipe I.S. Class NP=2 800mm dia. | Rmt | 1450.00 |
| 495 | M517 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 300mm dia. | Rmt | 488.00 |
| 496 | M518 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 450mm dia. | Rmt | 945.00 |
| 497 | M519 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 900mm dia. | Rmt | 3020.00 |
| 498 | M520 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 600mm dia. | Rmt | 1650.00 |
| 499 | M521 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 800mm dia. | Rmt | 2236.00 |
| 500 | M522 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1100mm dia. | Rmt | 4190.00 |
| 501 | M523 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1200mm dia. | Rmt | 5010.00 |
| 502 | M524 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1400mm dia. | Rmt | 6810.00 |
| 503 | M525 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1600mm dia. | Rmt | 8850.00 |
| 504 | M526 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 1800mm dia. | Rmt | 10280.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 505 | M527 | Rajula Stone | Each | 77.00 |
| 506 | M528 | Ready mixed Red Lead Paint | Litre | 85.00 |
| 507 | M529 | Red Flag | Each | 16.00 |
| 508 | M530 | Residual Bitumen | MT | 42000.00 |
| 509 | M531 | RList Preventivet (Polymer Base) | kg | 225.00 |
| 510 | M532 | RList Remover Com Primer (Polymer Base) | Litre | 260.00 |
| 511 | M533 | Rolling shutter Rolling shutter having width below 3.5mt. | sq.m. | 2248.00 |
| 512 | M534 | Rolling shutter Rolling shutter of G.I. sheet any size grill | sq.m. | 1400.00 |
| 513 | M535 | Rolling shutters having width Above 3.5 Mt. | sq.m. | 2967.00 |
| 514 | M536 | Resin (0.5kg Pkt.) | kg | 95.00 |
| 515 | M537 | Rough Kotach stone Slab. 25 mm thick | sq.m. | 173.00 |
| 516 | M538 | Rough Kotach stone Slab. 40 mm thick | sq.m. | 234.00 |
| 517 | M539 | Rubber Plug | Each | 15.00 |
| 518 | M540 | Rubble | cu.m. | 148.00 |
| 519 | M541 | Rubble (Heavy) at not Less than 40 kg. | cu.m. | 156.00 |
| 520 | M542 | S.W. Gulley Trap 150mm x 100 mm size. | Each | 64.00 |
| 521 | M543 | S.W. guly trap 100 x 100 mm size | Each | 43.00 |
| 522 | M544 | Salt natural | kg | 9.00 |
| 523 | M545 | Sand paper 100Nos size | Doz. | 40.00 |
| 524 | M546 | Sand paper 50 Nos. size | Doz. | 36.00 |
| 525 | M547 | Sand paper 80Nos size | Doz. | 36.00 |
| 526 | M548 | Screened gravel 10mm size | cu.m. | 168.00 |
| 527 | M549 | Screened gravel 12mm size | cu.m. | 168.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 528 | M550 | Sheet glass ordinary quality 3 mm thick | sq.m. | 170.00 |
| 529 | M551 | Sheet glass ordinary quality 4 mm thick | sq.m. | 180.00 |
| 530 | M552 | Sheet glass ordinary quality 5 mm thick | sq.m. | 250.00 |
| 531 | M553 | Sheet glass ordinary quality 6 mm thick | sq.m. | 280.00 |
| 532 | M554 | Shellac | kg | 55.00 |
| 533 | M555 | Soft Brush. | Each | 36.00 |
| 534 | M556 | Soft brushes 100 mm size | Each | 250.00 |
| 535 | M557 | Soft brushes 20 mm size | Each | 68.00 |
| 536 | M558 | Soft brushes 25 mm size | Each | 76.00 |
| 537 | M559 | Soft brushes 40 mm size | Each | 95.00 |
| 538 | M560 | Soft brushes 50mm size | Each | 140.00 |
| 539 | M561 | Soft brushes 75 mm size | Each | 190.00 |
| 540 | M562 | Spirit | Litre | 51.00 |
| 541 | M563 | Spun Yarn | kg | 48.00 |
| 542 | M564 | Standard shoe 100 mm dia | Each | 28.00 |
| 543 | M565 | Standard shoe 80 mm dia | Each | 25.00 |
| 544 | M566 | Stone dust | cu.m. | 105.00 |
| 545 | M567 | Stone Slab 100mm thickness | sq.m. | 310.00 |
| 546 | M568 | Stone ware pipes 100mm dia. 60cm. Long | Each | 35.00 |
| 547 | M569 | Stone ware pipes 150mm dia. 60cm. Long | Each | 50.00 |
| 548 | M570 | Structural steel M.S. Channel joints Tee Gusset Plate etc. | Quintal | 4497.00 |
| 549 | M571 | Synthetic Enamel Paint | Litre | 179.00 |
| 550 | M572 | T.Iron Bracket 40 mm x 40 mm x 6 mm | Quintal | 4692.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 551 | M573 | T.M.T. Bars Fe- 415 | Quintal | 5220.00 |
| 552 | M574 | Taper G.S.W. Bend 100mm x 150mm | Each | 73.00 |
| 553 | M575 | Terrazo tiles chequered Dark Shade 22mm thick | sq.m. | 125.00 |
| 554 | M576 | Terrazo tiles chequered Light shade 22mm thick | sq.m. | 115.00 |
| 555 | M577 | Terrazo tiles chequered Dark shade 28 mm thick | sq.m. | 105.00 |
| 556 | M578 | Terrazo tiles chequered Light shade 28 mm thick | sq.m. | 100.00 |
| 557 | M579 | Terrazo tiles Dark shade 20 mm thick | sq.m. | 135.00 |
| 558 | M580 | Terrazo tiles Light shade 20 mm thick | sq.m. | 130.00 |
| 559 | M581 | Terrazo tiles grey cement base. Dark shade 20mm. thick | sq.m. | 150.00 |
| 560 | M582 | Terrazo tiles grey cement base. Light shade 20mm. thick | sq.m. | 170.00 |
| 561 | M583 | Terrazo tiles white cement base Dark shade 20mm thick | sq.m. | 275.00 |
| 562 | M584 | Terrazo tiles white cement base Light shade 20mm thick | sq.m. | 225.00 |
| 563 | M585 | Thick Wire Brushes | Each | 65.00 |
| 564 | M586 | Through & Bond Stone | Each | 23.00 |
| 565 | M587 | Towel Rail Pair of C.P. Brass Brackets 60mm x 20mm | Each | 355.00 |
| 566 | M588 | Turpentine | Litre | 47.00 |
| 567 | M589 | Unscreened gravel | cu.m. | 126.00 |
| 568 | M590 | Unslaked Lime | Quintal | 170.00 |
| 569 | M591 | Urinal Flat Back | Each | 437.00 |
| 570 | M592 | Urinal Ladies squatting pan | Each | 675.00 |
| 571 | M593 | Urinal Squatting type | Each | 501.00 |
| 572 | M594 | Urinal Stall type full size | Each | 1800.00 |
| 573 | M595 | Urinal Stall type half size | Each | 1300.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|--|---------|----------|
| 574 | M596 | Varnish | Litre | 72.00 |
| 575 | M597 | Vegetable black (Kajali) (0.5kg.Pkt.) | Pkt. | 65.00 |
| 576 | M598 | Vision panel for Door | Each | 34.00 |
| 577 | M599 | Vitryfied Granite tiles 8 mm to 10 m thick 24 x 24 size Dark Shade | sq.m. | 350.00 |
| 578 | M600 | Vitryfied Granite tiles 8 mm to 10 m thick 36 x 36 size | sq.m. | 750.00 |
| 579 | M601 | W.C. pipe 2m long 75 mm. dia | Each | 0.00 |
| 580 | M602 | Waste Pipe for Wash basin C.P. 32 mm dia | Each | 62.00 |
| 581 | M603 | Waste Pipe for Wash basin C.P. 40 mm dia | Each | 82.00 |
| 582 | M604 | Water proofing materials Omaseal of Bitumen base in semin-liquid form (cold applied) | Litre | 80.00 |
| 583 | M605 | Water proofing materials of std. make in powder form | kg | 6.30 |
| 584 | M606 | Water proofing materials Omaseal for filling joints of C.I. Pipes . | kg | 310.00 |
| 585 | M607 | Water proofing materials Omaseal for filling joints of C.I. Pipes. Epoxy base | kg | 510.00 |
| 586 | M608 | Water Proofing Cement Paint | kg | 34.00 |
| 587 | M609 | Water proofing material heasion base self finish tar felt roll | sq.m. | 55.00 |
| 588 | M610 | Water proofing materials | kg | 43.00 |
| 589 | M611 | Water proofing materials of polyarethine on Aromatic Base | kg | 375.00 |
| 590 | M612 | Water proofing materials of polyarethine on Elepantic base | kg | 540.00 |
| 591 | M613 | Water proofing materials silicon base Water repellent compund | Litre | 245.00 |
| 592 | M614 | Welding Charge | Rmt | 600.00 |
| 593 | M615 | White Bela stone (size to be measured) | No | 28.05 |
| 594 | M616 | White Cement | MT | 17000.00 |
| 595 | M617 | White Lime (White washing) | Quintal | 420.00 |
| 596 | M618 | White Paint | Litre | 174.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 597 | M619 | White vitriour china Wash down W.C. (European) | Each | 592.00 |
| 598 | M620 | White vitrious china 100mm 'P' or 'S' trap | Each | 87.00 |
| 599 | M621 | White vitrious china foot rest for W.C. | Pair | 64.00 |
| 600 | M622 | White vitrious China Sink 600mm x 450mm x 150mm | Each | 1455.00 |
| 601 | M623 | White vitrious ching W.C. sqatting pan (India type) | Each | 341.00 |
| 602 | M624 | White vitrious ching W.C. sqatting pan Anglo Indian | Each | 1550.00 |
| 603 | M625 | White vitrious ching W.C. sqatting pan European type | Each | 592.00 |
| 604 | M626 | White vitrious ching W.C. sqatting pan Orrisa type 580 x 400 size | Each | 800.00 |
| 605 | M627 | White Zinc powder (Zinc oxide) | kg | 110.00 |
| 606 | M628 | White glazed tiles 15cm x 15cm x 6cm. | 10 Each | 64.00 |
| 607 | M629 | Whiting chalk | kg | 5.53 |
| 608 | M630 | Wire Gauge Jali of 0.56 mm | sq.m. | 161.00 |
| 609 | M631 | Wire Gauge Jali of 0.71 mm | sq.m. | 206.00 |
| 610 | M632 | Wire spring grade No. 2 for Rolling Shutter 27.5 CM long | Each | 640.00 |
| 611 | M633 | Wired figured glass 6.4 mm thick | sq.m. | 366.00 |
| 612 | M634 | Wooden peg | Each | 1.00 |
| 613 | M635 | Yellow clay (Italian type) | kg | 9.00 |
| 614 | M636 | Iron Angle 75 x 75 x 6mm | kg | 60.00 |
| 615 | M637 | Iron Angle for stand & frame | kg | 50.00 |
| 616 | M638 | Surfacing gray coat process (Board) | sq.m. | 20.00 |
| 617 | M639 | Retro reflective process (Board) (Eng. Grade) | sq.m. | 30.00 |
| 618 | M640 | Screen Printing / Art work process (Board) (Eng.) | sq.m. | 40.00 |
| 619 | M641 | Packing Forwarding and Transportation (No-Leg) | L.S | 500.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 620 | M642 | Retro reflective precess (Board) (Hi-Intensity) | sq.m. | 310.00 |
| 621 | M643 | Alluminium Sheet 2mm Thick | KGS. | 135.00 |
| 622 | M644 | Dozer 80 HP with attachment | Hour | 2600.00 |
| 623 | M645 | Fixing Charges | cu.m. | 15.00 |
| 624 | M646 | Whiting | kg | 5.53 |
| 625 | M647 | Precast Concrete Blocks (1:3:6) (39 X 20 X 19 CMS) | 100 each | 2261.00 |
| 626 | M648 | Flat iron bracket with bolts nuts bitumen & G | Each | 107.00 |
| 627 | M649 | Teak reaper | Rmt | 8.25 |
| 628 | M650 | MS Flat iron bracket | Each | 37.00 |
| 629 | M651 | Plastic roofing compound | kg | 16.00 |
| 630 | M652 | Nails 50mm long | kg | 26.00 |
| 631 | M653 | C.I rainwater pipe 75mm dia. | Rmt | 196.00 |
| 632 | M654 | Sand rainwater pipe 75mm dia. | Rmt | 230.00 |
| 633 | M655 | Steel Plate & Angle | MT | 44970.00 |
| 634 | M656 | Winch | Each | 35110.00 |
| 635 | M657 | Chisel | Each | 23000.00 |
| 636 | M658 | Sluge pump (Roller) | Each | 181500.00 |
| 637 | M659 | Tubes | Set | 18150.00 |
| 638 | M660 | Tripod & Wirerope | Set | 145200.00 |
| 639 | M661 | Trimie pipe and Misc. Cassing | Set | 114950.00 |
| 640 | M662 | Sheathing pipe 42mm St. of 7mm | Rmt | 38.00 |
| 641 | M663 | C.I. Pipe 100mm Dia | Rmt | 1380.00 |
| 642 | M664 | G.I. Pipe 100mm Dia | Rmt | 800.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|--|---------|---------|
| 643 | M665 | G.I. Pipe 50mm Dia A- Class | Rmt | 330.00 |
| 644 | M666 | G.I. Pipe 40mm Dia A - Class | Rmt | 300.00 |
| 645 | M667 | G.I. Coupling 50mm Dia A- Class | Rmt | 95.00 |
| 646 | M668 | G.I. Coupling 40mm Dia A - Class | Rmt | 48.00 |
| 647 | M669 | Hollow concrete blocks (Size 39 x 9 x 19 cms) | Each | 18.00 |
| 648 | M670 | Hollow concrete blocks (Size 39 x 14 x 9 cms) | Each | 23.00 |
| 649 | M671 | Hollow concrete blocks (Size 39 x 14 x 19 cms) | Each | 26.50 |
| 650 | M672 | Pegs | Each | 2.00 |
| 651 | M673 | Water Tanker 6 kl capacity | Hour | 200.00 |
| 652 | M674 | R.S. Joists 350 x 200 x 6 @ 56.9 kg. | Quintal | 4497.00 |
| 653 | M675 | 12mm thick M.S. plate | Quintal | 4497.00 |
| 654 | M676 | 16mm Dia. rivets | Quintal | 3300.00 |
| 655 | M677 | Principal rafter 100 x 100 x 10 | Quintal | 3300.00 |
| 656 | M678 | Gusset plate | Quintal | 4497.00 |
| 657 | M679 | Ties (Flat) | Quintal | 3300.00 |
| 658 | M680 | 20mm holding down bolt | Quintal | 3300.00 |
| 659 | M681 | M.S. Channel | Quintal | 4497.00 |
| 660 | M682 | M.S Tee | Quintal | 4497.00 |
| 661 | M683 | Flat iron diagonal 20 x 5mm | Quintal | 5100.00 |
| 662 | M684 | Angle iron 40 x 40 x 6 | Quintal | 4497.00 |
| 663 | M685 | M.S. Angel | kg | 46.75 |
| 664 | M686 | Alluminium section any size, powder coated | kg | 200.00 |
| 665 | M687 | Alluminium section any size, anodized | kg | 35.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 666 | M688 | Rubber gasket for glass beading | Rmt | 9.00 |
| 667 | M689 | TMT Bar FE 500 D | Quintal | 6097.00 |
| 668 | M690 | Vitrified Granite tiles 8 mm to 10 m thick 24" x 24 " size Antiskid | Sqm | 485.00 |
| 669 | M691 | Vitrified Granite tiles 8 mm to 10 m thick 24" x 24 " size Light Shade | Sqm | 366.00 |
| 670 | M692 | Weather proof acrylic exterior emulsion paint | Ltr | 196.00 |
| 671 | M693 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 300mm dia. | Meter | 600.00 |
| 672 | M694 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 450mm dia. | Meter | 950.00 |
| 673 | M695 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 600mm dia | Meter | 1920.00 |
| 674 | M696 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 900mm dia | Meter | 3390.00 |
| 675 | M697 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1000mm dia | Meter | 3980.00 |
| 676 | M698 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1200mm dia | Meter | 6120.00 |
| 677 | M699 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1400mm dia | Meter | 7300.00 |
| 678 | M700 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1600mm dia | Meter | 10200.00 |
| 679 | M701 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=4 1800mm dia | Meter | 12900.00 |
| 680 | M702 | Glass bricks 19 x 19 x10 Cm | No. | 98.00 |
| 681 | M703 | Glass Bricks 19 x 19 x8 Cm | No. | 94.00 |
| 682 | M704 | Floor spring heavy duty | No. | 2125.00 |
| 683 | M705 | S.S. Stopper 60 Cm long of ASIS 304 | No. | 425.00 |
| 684 | M706 | S.S. Stopper 30 Cm long of ASIS 304 | No. | 213.00 |
| 685 | M707 | S.S. Stopper 20 Cm long of ASIS 304 | No. | 149.00 |
| 686 | M708 | S.S. Aldrop 20 Cm long of ASIS 304 Grade | No. | 255.00 |
| 687 | M709 | S.S. Aldrop 25 Cm long of ASIS 304 Grade | No. | 383.00 |
| 688 | M710 | S.S. Aldrop 30 Cm long of ASIS 304 Grade | No. | 468.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 689 | M711 | S.S. Handle for door/ window 10 Cm size of ASIS 304 Grade | No. | 64.00 |
| 690 | M712 | S.S. Handle for Door 15 Cm size of ASIS 304 Grade | No. | 89.00 |
| 691 | M713 | S.S. Pipe Handle for door 30 Cm size o ASIS 316 Grade | No. | 1020.00 |
| 692 | M714 | S.S. Railing pipe 50 mm x 16 G ASIS 304 Grade | Rmt | 1185.00 |
| 693 | M715 | S.S. Rialing Sq pipe 32x32 mm x 16G ASIS 304 Grade | Rmt | 536.00 |
| 694 | M716 | S.S. Railing pipe 16 mm x 16G ASIS 304 Grade | Rmt | 432.00 |
| 695 | M717 | C.P. Pillar cock 15 mm Heavy duty swan neck | No. | 757.00 |
| 696 | M718 | C.P. Angle stop cock 15 mm Heavy duty with cap | No. | 476.00 |
| 697 | M719 | C.P. Bib cock 15 mm Heavy duty with cap | No. | 468.00 |
| 698 | M720 | Concealed cock 15 mm Heavy duty with cap | No. | 574.00 |
| 699 | M721 | Glass 12 mm thick | Sqmtr | 800.00 |
| 700 | M722 | Glass 10 mm thick | Sqmtr | 700.00 |
| 701 | M723 | Glass 8 mm thick | Sqmtr | 550.00 |
| 702 | M724 | Labour Charges half round edge for Granite | Rmt | 85.00 |
| 703 | M725 | Labour Charges Quarter round edge for granite | Rmt | 51.00 |
| 704 | M726 | Labour Charges edge finished for Granite | Rmt | 43.00 |
| 705 | M727 | Labour Charges half round edge for Kota/Marble | Rmt | 51.00 |
| 706 | M728 | Labour charges quarter round edge for Kota/ Marble | Rmt | 34.00 |
| 707 | M729 | SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 610x460 mm & bowl size 560x410x200 | No. | 1800.00 |
| 708 | M730 | SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 510x432mm & bowl size 445x368x190 | No. | 1200.00 |
| 709 | M731 | SS Sink Glosy ASIS 304 Grade x 1mm thick with over all size 485x410 mm & bowl size 410x365x165 | No. | 1050.00 |
| 710 | M732 | Alluminium Composite pannel 3 mm thick | Sqmtr | 765.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 711 | M733 | Alluminium Composite Pannel 4 mm thick | Sqmtr | 850.00 |
| 712 | M734 | Multy wall pycarbonate sheet 6 mm thick | Sqmtr | 1080.00 |
| 713 | M735 | S.S. Door / window hinges 4x1"x1" | No. | 64.00 |
| 714 | M736 | S.S. Door / Window hinges 4x3/4"x3/4" | No. | 26.00 |
| 715 | M737 | S.S. Door / Window hinges 3x3/4"x3/4" | No. | 21.00 |
| 716 | M738 | Jet spray heavy duty with S.S. Braided hose 60 cm long | No. | 361.00 |
| 717 | M739 | Health Fauset Heavy duty with hook with fitting | No. | 680.00 |
| 718 | M740 | Precast concrete block of C.C. 1:3:6 | 100 Nos. | 2261.00 |
| 719 | M741 | Alluminium fixtures and fstenings. | No. | 176.00 |
| 720 | M742 | Iron fixtures and fstenings. | No. | 78.00 |
| 721 | M743 | 35 mm thick shutters | Cu.Dm. | 43.00 |
| 722 | M744 | Tiles size 15 cm x 15 cm (Glazed) | 10 Nos. | 64.00 |
| 723 | M745 | Flat iron bracket with nuts, bolts, bitumen and G.I. Washers. | Each | 107.00 |
| 724 | M746 | M.S. flat iron bracket | Each | 37.00 |
| 725 | M747 | Plastic proofing compound. | Kg. | 16.00 |
| 726 | M749 | Nails 50 mm long. | Kg. | 26.00 |
| 727 | M750 | C.I. 75 mm diameter rain water pipe | Rmt. | 196.00 |
| 728 | M751 | Whiting cholk | Kg. | 5.53 |
| 729 | M752 | Flatting varnish | Liter | 79.00 |
| 730 | M753 | Insecticides. | Liter | 309.00 |
| 731 | M754 | Aeronex powder | Kg. | 14.00 |
| 732 | M758 | Acetone | Liter | 271.00 |
| 733 | M760 | Galvanised M.S. Tee | Each | 150.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 734 | M761 | Galvanised M.S. 5 mm nut. | Each | 28.00 |
| 735 | M762 | A.C. rain water pipe 75 mm diameter (1.8 meter long) | Rmt. | 26.00 |
| 736 | M763 | A.C. rain water pipe 100 mm diameter (1.8 meter long) | Rmt. | 30.00 |
| 737 | M764 | M.S. iron bracket | Each | 24.00 |
| 738 | M765 | G.I. inlet connection | Each | 14.00 |
| 739 | M766 | Brass screw down stop tap 20 mm dia | Each | 204.00 |
| 740 | M767 | Brass screw down stop tap 25 mm dia | Each | 221.00 |
| 741 | M768 | Gun metal wheel valve (i) 15 mm diameter. | Each | 187.00 |
| 742 | M769 | Gun metal wheel valve (i) 20 mm diameter. | Each | 204.00 |
| 743 | M770 | Gun metal wheel valve (i) 35 mm diameter. | Each | 315.00 |
| 744 | M771 | Chromium plated 20 mm diameter half turn flush cock. | Each | 255.00 |
| 745 | M772 | Chromium plated 25 mm diameter half turn flush cock. | Each | 264.00 |
| 746 | M773 | Chromium plated 32 mm diameter half turn flush cock. | Each | 276.00 |
| 747 | M774 | Cromium plated bottle trap. | Each | 281.00 |
| 748 | M775 | Ball cock of copper 25 mm diameter | Each | 133.00 |
| 749 | M776 | Ball cock of copper 50 mm diameter | Each | 190.00 |
| 750 | M777 | Ball cock of abonite 25 mm diameter | Each | 103.00 |
| 751 | M778 | Ball cock of abonite 50 mm diameter | Each | 138.00 |
| 752 | M779 | Gully trap 100mm x 100 mm size. | Each | 43.00 |
| 753 | M780 | I.S. Class NP2 Heavy duty Non- Pressure Pipe (i) 250 mm diameter | Rmt. | 275.00 |
| 754 | M781 | 1.80 mm thick FRP sheet | Sqmtr | 255.00 |
| 755 | M782 | Plywood all proof (IS 710) 6 mm | Sqmtr | 340.00 |
| 756 | M783 | Plywood all proof (IS 710) 8/9 mm | Sqmtr | 400.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 757 | M784 | Plywood all proof (IS 710) 12 mm | Sqmtr | 450.00 |
| 758 | M785 | Plywood all proof (IS 710) 16 mm | Sqmtr | 600.00 |
| 759 | M786 | Plywood all proof (IS 710) 18/19 mm | Sqmtr | 700.00 |
| 760 | M787 | Laminated sheet 0.80 mm thick | Sqmtr | 200.00 |
| 761 | M788 | Laminated sheet 1.00 mm thick | Sqmtr | 350.00 |
| 762 | M789 | CPVC Pipe SDR 13.5 - 15 mm daimeter (1/2)" | Rmt | 46.00 |
| 763 | M790 | CPVC Pipe SDR 13.5 - 20 mm daimeter (3/4)" | Rmt | 73.00 |
| 764 | M791 | CPVC Pipe SDR 13.5 - 25 mm daimeter (1)" | Rmt | 101.00 |
| 765 | M792 | CPVC Pipe SDR 13.5 - 32 mm daimeter (1 1/4)" | Rmt | 149.00 |
| 766 | M793 | CPVC Pipe SDR 13.5 - 40 mm daimeter (1 1/2)" | Rmt | 204.00 |
| 767 | M794 | CPVC Pipe SDR 13.5 - 50 mm daimeter | Rmt | 335.00 |
| 768 | M795 | CPVC Pipe jointing solution 50 ml | each | 46.00 |
| 769 | M796 | U PVC SCH40 for cold water 15 mm dia(1/2)" | Rmt | 25.00 |
| 770 | M797 | U PVC SCH40 for cold water 20 mm dia (3/4)" | Rmt | 32.00 |
| 771 | M798 | U PVC SCH40 for cold water 25 mm dia (1)" | Rmt | 50.00 |
| 772 | M799 | U PVC SCH40 for cold water 32 mm dia (1 1/4)" | Rmt | 65.00 |
| 773 | M800 | U PVC SCH40 for cold water 40 mm dia (1 1/2)" | Rmt | 82.00 |
| 774 | M801 | U PVC SCH40 for cold water 50 mm dia (2)" | Rmt | 112.00 |
| 775 | M802 | UPVC Pipe jointing solution 50 ml | each | 78.00 |
| 776 | M803 | PVC SWR pipes IS 13592 for Drain - 75 mmdia | Rmt | 169.00 |
| 777 | M804 | PVC SWR pipes IS 13592 for Drain - 90 mmdia | Rmt | 238.00 |
| 778 | M805 | PVC SWR pipes IS 13592 for Drain - 110 mmdia | Rmt | 310.00 |
| 779 | M806 | PVC SWR pipes IS 13592 for Drain - 160 mmdia | Rmt | 602.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 780 | M807 | PVC SWR Nani Trap IS 14735 for Drain -75 mm dia with jali | No | 80.00 |
| 781 | M808 | PVC SWR Nani Trap IS 14735 for Drain -100 mm dia with jali | No | 88.00 |
| 782 | M809 | PVC SWR P- Trap IS 14735 for Drain -110x110 | No | 186.00 |
| 783 | M810 | PVC SWR P- Trap IS 14735 for Drain -125x110 | No | 221.00 |
| 784 | M811 | PVC SWR S- Trap IS 14735 for Drain -110x110 | No | 328.00 |
| 785 | M812 | PVC SWR S- Trap IS 14735 for Drain -125x110 | No | 349.00 |
| 786 | M813 | PVC SWR Single Y" - 75 mm dia" | No | 68.00 |
| 787 | M814 | PVC SWR Single Y" -110 mm dia" | No | 130.00 |
| 788 | M815 | PVC SWR Double Y" - 75 mm dia" | No | 98.00 |
| 789 | M816 | PVC SWR Double Y" -110 mm dia" | No | 173.00 |
| 790 | M817 | PVC SWR Single T" - 75 mm dia" | No | 57.00 |
| 791 | M818 | PVC SWR Single T" -110 mm dia" | No | 104.00 |
| 792 | M819 | PVC SWR Gully Trap 160 x 110 | No | 338.00 |
| 793 | M820 | PVC SWR Single Y" - 75 mm dia With Door" | No | 90.00 |
| 794 | M821 | PVC SWR Single Y" -110 mm dia With Door" | No | 161.00 |
| 795 | M822 | PVC SWR Double Y" - 75 mm dia With Door" | No | 125.00 |
| 796 | M823 | PVC SWR Double Y" -110 mm dia With Door" | No | 204.00 |
| 797 | M824 | PVC SWR Single T" - 75 mm dia With Door" | No | 69.00 |
| 798 | M825 | PVC SWR Single T" -110 mm dia With Door" | No | 128.00 |
| 799 | M826 | PVC SWR Reducer 110 x 75 | No | 51.00 |
| 800 | M827 | PVC SWR Piipe clamp 75 mm | No | 10.00 |
| 801 | M828 | PVC SWR Piipe clamp 110 mm | No | 15.00 |
| 802 | M829 | PVC SWR Piipe Bend 87.5 degree with door for 75 mm diameter | No | 44.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 803 | M830 | PVC SWR Piipe Bend 87.5 degree with door for 90 mm diameter | No | 66.00 |
| 804 | M831 | PVC SWR Piipe Bend 87.5 degree with door for 110 mm diameter | No | 73.00 |
| 805 | M832 | PVC SWR WC Connector 110 mm | No | 150.00 |
| 806 | M833 | PVC SWR LIP RING 110 X 110 | No | 27.00 |
| 807 | M834 | PVC SWR LIP RING 110 X 125 | No | 33.00 |
| 808 | M835 | PVC SWR Vent Cowl 75 mm dia | No | 11.00 |
| 809 | M836 | PVC SWR Vent Cowl 110 mm dia | No | 23.00 |
| 810 | M837 | PVC SWR Coupler 75 mm dia | No | 33.00 |
| 811 | M838 | PVC SWR Coupler 110 mm dia | No | 53.00 |
| 812 | M839 | PVC SWR Piipe Bend 45 degree 75 mm dia | No | 37.00 |
| 813 | M840 | PVC SWR Piipe Bend 45 degree 110 mm dia | No | 69.00 |
| 814 | M841 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -300mm dia. | Rmt | 652.00 |
| 815 | M842 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -450mm dia. | Rmt | 1000.00 |
| 816 | M843 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -500mm dia. | Rmt | 1250.00 |
| 817 | M844 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -600mm dia. | Rmt | 1350.00 |
| 818 | M845 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -900mm dia. | Rmt | 2365.00 |
| 819 | M846 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1000mm dia. | Rmt | 4255.00 |
| 820 | M847 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1200mm dia. | Rmt | 5800.00 |
| 821 | M848 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=3 casted by Vertically Vibrated Technology -1400mm dia. | Rmt | 6950.00 |
| 822 | M849 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -300mm dia. | Rmt | 610.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|--|---------|---------|
| 823 | M850 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -450mm dia. | Rmt | 1185.00 |
| 824 | M851 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -500mm dia. | Rmt | 1515.00 |
| 825 | M852 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -600mm dia. | Rmt | 2220.00 |
| 826 | M853 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -900mm dia. | Rmt | 4200.00 |
| 827 | M854 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1000mm dia. | Rmt | 5165.00 |
| 828 | M855 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1200mm dia. | Rmt | 7200.00 |
| 829 | M856 | R.C.C Heavy Duty Non-Pressure Pipe I.S. Class NP=4 casted by Vertically Vibrated Technology -1400mm dia. | Rmt | 9735.00 |
| 830 | M857 | Vitryfied tiles 8 mm to 10 m thick 600 X600 MM size Light shed | sq.m. | 300.00 |
| 831 | M858 | Anodised to Alluminium section | kg | 43.00 |
| 832 | M859 | Darkshed pigment | kg | 76.00 |
| 833 | M860 | Belt clamp 80mm | Each | 13.00 |
| 834 | M861 | Belt clamp 100mm | Each | 18.00 |
| 835 | M862 | Off-set 75 mm - 80 mm dia | Each | 21.00 |
| 836 | M863 | G.S.W. bend 150 mm | Each | 60.00 |
| 837 | M864 | Anodised Aluminum Butt hinges 75 mm x63 mm x 3.2 mm | 10 Each | 157.00 |
| 838 | M865 | R.C.C Heavy Duty Non-Pressure pipe I.S.Class NP=2 750mm dia. | Rmt | 1400.00 |
| 839 | M866 | R.C.C Heavy Duty Non-Pressure Pipe I.S.Class NP=3 900mm dia. | Rmt | 2365.00 |
| 840 | M867 | Brick bats 20mm | cu.m. | 153.00 |
| 841 | M868 | D D V P | Litre | 271.00 |
| 842 | M869 | Heptachlor | Litre | 271.00 |
| 843 | M870 | Melethione | Litre | 271.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|---|-------|---------|
| 844 | M871 | Acetone | Litre | 271.00 |
| 845 | M872 | Pre-Moulded Asphalt joint Filler 20mm size | Rmt | 714.00 |
| 846 | M873 | 100 mm thick SIL FLEX (Capcell HD 100) expansion joint filler board in sheet foam | sqm | 30.00 |
| 847 | M874 | Hydrocell XL semi rigid UV resistance high performance laminated closed cell polythene foam joint filler in sheet foam | sqm | 30.00 |
| 848 | M875 | Expansion joint sealing System on 100 mm Wide | sqm | 4800.00 |
| 849 | M876 | Polysulphide material density of material 1650 Kg/m3 | Kg | 448.00 |
| 850 | M877 | PU foam expancell. | Rmt | 32.00 |
| 851 | M878 | 4mm thick exterior composite panel | sqm | 1000.00 |
| 852 | M879 | Anodized Alluminium Groove member For top fix glass. Sec:4431 | Kg | 250.00 |
| 853 | M880 | Powder coated Alluminium Groove member For top fix glass.Sec:4431 | Kg | 250.00 |
| 854 | M881 | Anodized Alluminium Horizontal four track Section :8787, 122.20 x 31.75 x 1.10 mm @ Wt. 1.205 Kg/mt | Kg | 250.00 |
| 855 | M882 | Powder coated Alluminium Horizontal four track Section :8787, 122.20 x 31.75 x 1.10 mm @ Wt. 1.205 Kg/mt | Kg | 250.00 |
| 856 | M883 | Anodized Alluminium Horizontal Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt | Kg | 250.00 |
| 857 | M884 | Anodized Alluminium Horizontal three track Section :92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt. 1.07 Kg/mt) | Kg | 250.00 |
| 858 | M885 | Powder coated Alluminium Horizontal three track Section :92mm x 31.75mm x 1.30mm (of Jindal Section no:8688,@ Wt. 1.07 Kg/mt) | Kg | 250.00 |
| 859 | M886 | Anodized Alluminium Horizontal Two track Section :8687, 61.85 x 31.75 x 1.20 mm @ Wt. 0.695 Kg/mt | Kg | 250.00 |
| 860 | M887 | Powder coated Alluminium Horizontal Two track Section :8687, 61.85 x 31.75 x 1.20 mm @ Wt. 0.695 Kg/mt | Kg | 250.00 |
| 861 | M888 | Anodized Alluminium Vertical four track Section :8935, 122.20 x 31.75 x 1.50 mm @ Wt. 1.398 Kg/mt | Kg | 250.00 |
| 862 | M889 | Powder coated Alluminium Vertical four track Section :8935, 122.20 x 31.75 x 1.50 mm @ Wt. 1.398 Kg/mt | Kg | 250.00 |
| 863 | M890 | Anodized Alluminium Vertical Shutter Section 8949, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt | Kg | 250.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|---|------|--------|
| 864 | M891 | Powder coated Alluminium Vertical Shutter Section 8949, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt | Kg | 250.00 |
| 865 | M892 | Anodized Alluminium Vertical Shutter Section 8948, 40.00 x 18.00 x 1.29 mm @ Wt. 0.547 Kg/mt | Kg | 250.00 |
| 866 | M893 | Powder coated Alluminium Vertical Shutter Section 8948, 40.00 x 18.00 x 1.29 mm @ Wt. 0.547 Kg/mt | Kg | 250.00 |
| 867 | M894 | Anodized Alluminium Vertical three track Section :92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) | Kg | 250.00 |
| 868 | M895 | Powder coated Alluminium Vertical three track Section :92mm x 31.75mm x 1.50mm (of Jindal Section no:8933,@ Wt. 1.06 Kg/mt) | Kg | 250.00 |
| 869 | M896 | Anodized Alluminium Vertical Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt | Kg | 250.00 |
| 870 | M897 | Powder coated Alluminium Vertical Shutter Section 8947, 40.00 x 18.00 x 1.29 mm @ Wt. 0.456 Kg/mt | Kg | 250.00 |
| 871 | M898 | Anodized Alluminium Vertical Two track Section :8758, 61.85 x 31.75 x 1.30 mm @ Wt. 0.659 Kg/mt | Kg | 250.00 |
| 872 | M899 | Powder coated Alluminium Vertical Two track Section :8758, 61.85 x 31.75 x 1.30 mm @ Wt. 0.659 Kg/mt | Kg | 250.00 |
| 873 | M900 | Anodized Aluminium , Section :2443, 127.00 x 38.10 x 1.35 mm @ Wt.1.384 Kg/mt | Kg | 250.00 |
| 874 | M901 | Powder coated Alluminium Section :2443, 127.00 x 38.10 x 1.35 mm @ Wt.1.384 Kg/mt | Kg | 250.00 |
| 875 | M902 | Anodized Alluminium 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738Kg/mt) | Kg | 250.00 |
| 876 | M903 | Powder coated Alluminium 95mm x 24mm x 1.17mm (of Jindal Section no:2459 @ wt.of 0.738Kg/mt) | Kg | 250.00 |
| 877 | M904 | Anodized Alluminium Section 63.50 x 38.10 x 1.2 mm @ Wt. 0.643 Kg/mt | Kg | 250.00 |
| 878 | M905 | Powder coated Alluminium Section 63.50 x 38.10 x 1.2 mm @ Wt. 0.643 Kg/mt | Kg | 250.00 |
| 879 | M906 | Beading clips Size 19.00 x 17.30 x 0.90 mm @ Wt. 0.124 Kg/mt. | Kg | 250.00 |
| 880 | M907 | Pre-cast kerb block M250 Grade | Rmt. | 200.00 |
| 881 | M908 | Paver block M200 Grade 60mm Thick | sqm | 390.00 |
| 882 | M910 | Paver block M250 Grade 60mm Thick | sqm | 445.00 |
| 883 | M911 | Glzed tiles piece wastege. | sqm | 75.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|--|-------|---------|
| 884 | M912 | Polycarbonate multi wall Roofing sheet | sqm | 1080.00 |
| 885 | M913 | Hardware material hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm | sqm | 363.15 |
| 886 | M914 | Birla or Asian acrylic lapy (putty) | sqm | 21.52 |
| 887 | M915 | wall primer of approved brand | sqm | 19.30 |
| 888 | M916 | PVC water tank | litre | 3.75 |
| 889 | M917 | Plasticizer 300 ml of 50 kg cement | liter | 30.00 |
| 890 | M918 | Sunext 8 (3 coat) | sqmr. | 21.00 |
| 891 | M919 | 1. 12 mm thick CAPCELL HD - 100 pre-moulded compressible filler board | sqm | 300.00 |
| 892 | M920 | 1. 20 mm thick CAPCELL HD - 100 pre-moulded compressible filler board | sqm | 500.00 |
| 893 | M921 | 1. 40 mm thick CAPCELL HD - 100 pre-moulded compressible filler board | sqm | 1000.00 |
| 894 | M922 | 1. 12mm x 10 mm sealant for 12 mm thick pre-moulded compressible filler board | kg | 465.00 |
| 895 | M923 | 1. 20mm x 10 mm sealant for 20 mm thick pre-moulded compressible filler board | kg | 465.00 |
| 896 | M924 | Aerated light weight concrete block 600 x 200 x 200 mm | Nos. | 88.80 |
| 897 | M925 | 1. 15 mm diametre backup rod | m | 6.75 |
| 898 | M926 | 1. 20 mm diametre backup rod | m | 11.25 |
| 899 | M927 | 1. 30 mm diametre backup rod | m | 13.50 |
| 900 | M928 | 1. 50 mm diametre backup rod | m | 45.00 |
| 901 | M929 | 1. 60 mm diametre backup rod | m | 60.00 |
| 902 | M930 | PPGI Sheet (0.5 mm Thk) (100+100+10 wt. of 0.82425 per no.) | Nos. | 75.00 |
| 903 | M931 | PPGI Sheet (0.5 mm Thk) (150+150+10 wt. of 1.21675 per no.) | Nos. | 75.00 |
| 904 | M932 | 1. 15 mm diameter CPVC (SDR 13.5) PIPE with fittings like lbow, tee | Meter | 54.00 |
| 905 | M933 | 1. 20 mm diameter CPVC (SDR 13.5) PIPE | Meter | 86.00 |
| 906 | M934 | 1. 25 mm diameter CPVC (SDR 13.5) PIPE | Meter | 119.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|---|-------|---------|
| 907 | M935 | 1. 32 mm diameter CPVC (SDR 13.5) PIPE | Meter | 175.00 |
| 908 | M936 | 1. 40 mm diameter CPVC (SDR 13.5) PIPE | Meter | 240.00 |
| 909 | M937 | 1. 50 mm diameter CPVC (SDR 13.5) PIPE | Meter | 394.00 |
| 910 | M938 | 15mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt | Rmt | 29.00 |
| 911 | M939 | 25mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt | Rmt | 59.00 |
| 912 | M940 | 32mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt | Rmt | 76.00 |
| 913 | M941 | 40mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt | Rmt | 96.00 |
| 914 | M942 | 50mm dia. U.P.V.C. Pipe ((SCH- 40) length = 12.0 mt | Rmt | 132.00 |
| 915 | M943 | Clamps including Nails | Nos | 5.00 |
| 916 | M944 | Solution 50 ml adhesive solvent | Nos | 92.00 |
| 917 | M945 | 3. Clamps | No. | 111.00 |
| 918 | M946 | 4. Solution | No. | 18.00 |
| 919 | M947 | 1. 160 dia UPVC pipe | Rmt | 708.00 |
| 920 | M948 | 2. Plug | | 0.00 |
| 921 | M949 | 5. Jani Hails | ml | 92.00 |
| 922 | M950 | 30mm thick PUF Insulated continuous sandwich panels (0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated) | Sqm | 1343.75 |
| 923 | M951 | 30mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated) | Sqm | 1161.00 |
| 924 | M952 | 50mm thick PUF Insulated continuous sandwich panels(0.50 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated) | Sqm | 1374.00 |
| 925 | M953 | 50mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated) | Sqm | 1182.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|------|---|------|---------|
| 926 | M954 | 40mm thick PUF Insulated continuous sandwich panels(0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated) | Sqm | 1325.00 |
| 927 | M955 | 40mm thick PUF Insulated continuous sandwich panels(0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated) | Sqm | 1133.00 |
| 928 | M956 | RHS 122 x 61 x 3.6 (2904mm) | Kg | 60.00 |
| 929 | M957 | 8mm Plate (122 X 61mm) | Kg | 48.00 |
| 930 | M958 | 8mm Plate (300 x 300) | Kg | 48.00 |
| 931 | M959 | 8mm Plate (100 x 75) | Kg | 48.00 |
| 932 | M960 | 8mm Plate (110 x 70) | Kg | 48.00 |
| 933 | M961 | PPGI Sheet 52mm x 30mm (0.5 mm Thk) | Nos. | 75.00 |
| 934 | M962 | Machineing Charge for making continous Profiling for PPGI Sheet 52mm x 30mm (0.5 mm Thk) | Rmt | 60.00 |
| 935 | M964 | Machineing Charge for making continous Profiling PPGI Sheet 42mm x 30mm (0.5 mm Thk) | Rmt | 60.00 |
| 936 | M965 | PPGI Sheet 42mm x 30mm (0.5 mm Thk) | Nos. | 75.00 |
| 937 | M967 | PPGI Sheet 1000mm x 600mm (0.5 mm Thk) | Nos. | 75.00 |
| 938 | M969 | PPGI Sheet 1000mm x 600mm (0.5 mm Thk) | Nos. | 75.00 |
| 939 | M970 | Machineing Charge for making continous Profiling PPGI Sheet 1000mm x 600mm (0.5 mm Thk) | Rmt | 520.00 |
| 940 | M971 | PPGI Sheet End Cap for 30mm thick panel (0.5 mm Thk) | Nos. | 75.00 |
| 941 | M973 | PPGI Sheet End Cap for 40mm thick panel (0.5 mm Thk) | Nos. | 75.00 |
| 942 | M975 | PPGI Sheet Corner Angle 25x25 for Various Flashing (0.5 mm Thk) | Nos. | 75.00 |
| 943 | M977 | PPGI Sheet Corner Angle 50x50 for Various Flashing (0.5 mm Thk) | Nos. | 75.00 |
| 944 | M979 | PPGI Sheet Corner Angle 100x100 for Various Flashing (0.5 mm Thk) | Nos. | 75.00 |
| 945 | M981 | PPGI Sheet Corner Angle 150x150 for Various Flashing (0.5 mm Thk) | Nos. | 75.00 |
| 946 | M983 | Silane Nanotechnology | Kg | 800.00 |
| 947 | M984 | Acrylic copolymer | Kg | 250.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|-------|--|------|---------|
| 948 | M985 | Water | Kg | 0.25 |
| 949 | M986 | Water tanker with pressure distributor/sprayer | hrs | 500.00 |
| 950 | M987 | Silane Nanotechnology (for bitumen emulsion application) | Kg | 1200.00 |
| 951 | M988 | BT Metal 25 to 40 MM & Aggregate 13.2 and down chips & SD including conveyence | Cum | 920.19 |
| 952 | M989 | Silane Nanotechnology Z | Kg | 1400.00 |
| 953 | M990 | Light weight Calcium Silicate tegular edged 595X595 Modular Acoustical ceiling tiles with 15 mm Thick Densified edges including 5% wastage | Sqm | 950.00 |
| 954 | M991 | Galvanized Steel main Tee ceiling section Size 24x38x0.33mm (3 metre long) | Each | 180.00 |
| 955 | M992 | Galvanized Steel perimeter wall Angle Size 24 x 24 x 0.40 mm (3.00 metre long) | Each | 170.50 |
| 956 | M993 | Galvanized Steel intermediate cross T section Size 24 x 28 x 0.30 mm (1.2 metre long) | Each | 90.00 |
| 957 | M994 | Galvanized Steel intermediate cross T section Size 24 x 28 x 0.30 (0.6 metre long) | Each | 45.10 |
| 958 | M995 | Hanger rod 4mm thick | Each | 7.00 |
| 959 | M996 | Level Adjustment clip Size 85x30x0.8 mm | Each | 6.00 |
| 960 | M997 | Dash fastener 12.5 mm dia 50 mm long | Each | 48.00 |
| 961 | M998 | Soffit cleat 25mmx35mmx1.60mm | Each | 3.00 |
| 962 | M999 | Wooden screws with plastic rawl plugs 35mm x 8mm, | Each | 1.00 |
| 963 | M1000 | Waterproof gypsum board 12.5 mm thick | Sqm | 150.00 |
| 964 | M1001 | Perimetre channel 15 mmx 27 mm x 30 mm x 0.55 mm | Rmt | 30.00 |
| 965 | M1002 | Intermediate channel of size 15 mm x 45 mm x 0.90 mm at 1220 C/C | Rmt | 47.10 |
| 966 | M1003 | Ceiling steel section of size 80 mm x 26 mm x 0.50 mm at 457 mm C/C | Rmt | 49.00 |
| 967 | M1004 | Celing angle of size 25 mm x 10 mm | Rmt | 15.00 |
| 968 | M1005 | Sofit cleat of size 22 mm x 37 mm | No. | 2.00 |
| 969 | M1006 | Raw / plug | No. | 6.00 |
| 970 | M1007 | Nut bolts | No. | 2.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 971 | M1008 | Connecting clips | No. | 4.25 |
| 972 | M1009 | Joining paper tap | Rmt | 1.00 |
| 973 | M1010 | Joining compound | kg | 28.00 |
| 974 | M1011 | Migratory Corrosion Admixture POLYALK CP 293 | kg | 242.57 |
| 975 | M1013 | Rock Wool | kg | 52.08 |
| 976 | M1014 | Vapour Breather Membrane | Sqm | 150.00 |
| 977 | M1015 | One-side alluminium thermal bubble insulation barrier including taxes | Sqm | 100.00 |
| 978 | M1016 | 12mm thick Cement Fibre Board | Sqm | 538.00 |
| 979 | M1017 | Factory finished cold formed Light guage steel Sheet | kg | 105.80 |
| 980 | M1018 | Powder coated Alluminium Section 63.50 x 38.10 x 1.95 mm @ Wt. 1.094 Kg/mt | Kg | 235.00 |
| 981 | M1019 | CSS1 | kg | 45.00 |
| 982 | M1020 | Precast light weight concrete hollow core wall | Nos. | 1140.00 |
| 983 | M1021 | Adhesive | Kg. | 12.00 |
| 984 | M1022 | Supply of Roller Safety Barrier in Heavy weight MS Section with 550 Gm / Sqm hot dip galvanize | Lot | 4033270.00 |
| 985 | M1024 | Ready Mix Cement Mortar 1:3 (40 Kg) | No of Bags | 140.00 |
| 986 | M1025 | Ready Mix Cement Mortar 1:4 (40 Kg) | No of Bags | 125.00 |
| 987 | M1026 | Ready Mix Cement Mortar 1:6 (40 Kg) | No of Bags | 115.00 |
| 988 | M1027 | Providing solar stud (incl GST 18 %) | 1 No. | 1180.00 |
| 989 | M1028 | Epoxy Chemical (incl GST 18 %) | 1 No. | 260.00 |
| 990 | M1029 | Tiles - 600 x 600 x 16 MM | piece | 244.00 |
| 991 | M1030 | Main Runner 15 mm T-32 Web height 3000 mm length | piece | 162.00 |
| 992 | M1031 | Cross Tee 15 mm T-32 Web Height 1200 mm Length | piece | 66.00 |
| 993 | M1032 | Cross Tee 15 mm T-32 Web Height 600 mm Length | piece | 33.00 |

| Sr No. | Code | Description | Unit | Rate |
|--------|-------|---|--------|---------|
| 994 | M1033 | Angle Moulding 24mm | piece | 140.00 |
| 995 | M1034 | Tiles - 600 x 600 x 20 MM | piece | 306.00 |
| 996 | M1035 | Tiles - 600 x 600 x 15 MM | piece | 266.00 |
| 997 | M1036 | Tiles - 600 x 600 x 0.5 mm GI Metal | piece | 268.00 |
| 998 | M1037 | Main Runner 24 mm T-38 Web height 3000 mm length | piece | 138.00 |
| 999 | M1038 | Cross Tee 24 mm T-25 Web Height 1200 mm Length | piece | 56.00 |
| 1000 | M1039 | Cross Tee 24 mm T-25 Web Height 600 mm Length | piece | 28.00 |
| 1001 | M1040 | Tiles - 600 x 600 x 0.5 mm GI Metal with 20% perforation area with 1.8 mm dia holes and having NRC (Noise Reduction Coe cient) of 0.5 | piece | 465.00 |
| 1002 | M1041 | Supply of Galvalume Steel Coll with AZ 150 and 550 Mpa for cold formed steel fabrication including taxes | Kg. | 75.00 |
| 1003 | M1042 | Production cost of light gauge steel members | Kg. | 25.00 |
| 1004 | M1043 | Supply and fixing of galvanized screws for bolting of the structural and non structural LGS members as per specification and anchor hilti bolts for fixing LGS frame to plinth | Kg. | 20.00 |
| 1005 | M1044 | Supply of galvanized iron profile deck sheet 0.80 mm - 1.00 mm thick | Sq.Mt | 750.00 |
| 1006 | M1045 | Providing self drilling screws with EPDM washer for fixing the deck sheet | Sq.Mt | 30.00 |
| 1007 | M1046 | Transport of deck sheet from manufacturing facility to work site including loading / unloading | Sq.Mt | 30.00 |
| 1008 | M1047 | 2mm Aluminium / 4mmACP sheeting fixed with Type-11 Class-C High Intensity Grade Sheeting as per IRC 67 : 2012 reflective sheeting of size including lettering and signs as applicable | Sq.Mtr | 6882.00 |
| 1009 | M1048 | 2mm Aluminium / 4mmACP sheeting fixed with Type-4 Class-B High Intensity Grade Sheeting as per IRC 67 : 2012 reflective sheeting of size including lettering and signs as applicable | Sq.Mtr | 4667.00 |
| 1010 | M1049 | Plastirib - Thermoplastic Road Marking White 2 mm thick base : 5 Kg per smt | cum | 118.67 |
| 1011 | M1050 | Drop on glass beads: 250 gm per Smt x 100 Smt | KG | 73.00 |
| 1012 | M1051 | Plastirib - Thermoplastic Road Marking White 2 mm thick base : 5 Kg per smt | KG | 95.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 1013 | M1052 | AFP (Aluminum Backed Flexible Prismatic Sheeting | Smt | 5080.00 |
| 1014 | M1053 | Cat Eye / Road Stud | No. | 211.20 |
| 1015 | M1054 | Epoxy Adhesive for fixing Cat Eye | No | 920.40 |
| 1016 | M1055 | Median Marker | No. | 199.68 |
| 1017 | M1059 | HYSD bar | Quintal | 6030.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------------------|------|--|------|---------|
| (B) Labour Charges | | | | |
| 1 | L001 | Labour charges - Bandhani | Each | 348.20 |
| 2 | L002 | Labour charges - Bhisti | Each | 356.20 |
| 3 | L003 | Labour charges - Blacksmith 1st Class | Each | 365.20 |
| 4 | L004 | Labour charges - Blacksmith 2nd Class | Each | 356.20 |
| 5 | L005 | Labour charges - Breaker | Each | 348.20 |
| 6 | L006 | Labour charges - Bullock with Driver to Mortar Mill | Each | 294.40 |
| 7 | L007 | Labour charges - Carpenter 1st Class | Each | 365.20 |
| 8 | L008 | Labour charges - Carpenter 2nd Class | Each | 356.20 |
| 9 | L009 | Labour charges - Chowkidar | Each | 348.20 |
| 10 | L010 | Labour charges - Compressor Operator | Each | 365.20 |
| 11 | L011 | Labour charges - Crane operator with Helper | Each | 630.00 |
| 12 | L012 | Labour charges - Excavator | Each | 348.20 |
| 13 | L013 | Labour charges - Extra labor sinking and chisselling | Each | 2100.00 |
| 14 | L014 | Labour charges - Fitter | Each | 365.20 |
| 15 | L015 | Labour charges - Glazier | Each | 365.20 |
| 16 | L016 | Labour charges - Handcart with Mazdoor | Each | 450.00 |
| 17 | L017 | Labour charges - Hole Driller | Each | 348.20 |
| 18 | L018 | Labour charges - Mason 1st Class | Each | 365.20 |
| 19 | L019 | Labour charges - Mason 2nd Class | Each | 356.20 |
| 20 | L020 | Labour charges - Mate | Each | 348.20 |
| 21 | L021 | Labour charges - Mazdoor (Female) | Each | 348.20 |
| 22 | L022 | Labour charges - Mazdoor (Male) | Each | 348.20 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 23 | L023 | Labour charges - Mistry | Each | 365.20 |
| 24 | L024 | Labour charges - Painter | Each | 365.20 |
| 25 | L025 | Labour charges - Plumber (Fitter) | Each | 365.20 |
| 26 | L026 | Labour charges - Plumber(Fitter)Assist | Each | 356.20 |
| 27 | L027 | Labour charges - Polisher | Each | 365.20 |
| 28 | L028 | Labour charges - Spraymen | Each | 356.20 |
| 29 | L029 | Labour charges - Supervision for Machinery | Each | 365.20 |
| 30 | L030 | Labour charges - Welder | Each | 365.20 |
| 31 | L031 | Labour charges - White Washer | Each | 365.20 |
| 32 | L032 | Labour charges - Winch Operator | Each | 365.20 |
| 33 | L034 | Labour for Applying Two Coat of Preventitive Coating on Steel per day (Painter) | Days | 294.40 |
| 34 | L035 | Labour for Removing (Descaling) Rust & Applying one coat per day (Semi Skilled) | Days | 303.00 |
| 35 | L036 | Semi Skill helper | days | 194.50 |
| 36 | L037 | Unskilled Labour | days | 194.50 |
| 37 | L038 | Labour charges - Mazdoor with Hand Cart | each | 450.00 |
| 38 | L039 | helper | days | 199.90 |
| 39 | L040 | Labour charges Beldar | Each | 300.00 |
| 40 | L044 | Labour charges - Chiseller (Semi Skilled) | Each | 294.40 |
| 41 | L045 | Appklicating Operator | No. | 750.00 |

| Sr No. | Code | Description | Unit | Rate |
|-----------------------------|-------|---|-----------|--------|
| (C) Carriage Charges | | | | |
| 1 | C001A | Carriage of GSW pipe lead 100mm (more than 10 ton) | Rmt | 1.64 |
| 2 | C002A | Carriage of GSW pipe lead 125mm (more than 10 ton) | Rmt | 2.45 |
| 3 | C003A | Carriage of GSW pipe lead 150mm (more than 10 ton) | Rmt | 3.27 |
| 4 | C004A | Carriage of GSW pipe lead 200mm (more than 10 ton) | Rmt | 3.27 |
| 5 | C005A | Carriage of RCC pipe lead 250mm (more than 10 ton) | Rmt | 13.12 |
| 6 | C006A | Carriage of RCC pipe lead 300mm (more than 10 ton) | Rmt | 15.75 |
| 7 | C007A | Carriage of RCC pipe lead 350 to 400 mm (more than 10 ton) | Rmt | 24.6 |
| 8 | C008A | Carriage of RCC pipe lead 450 to 500 mm (more than 10 ton) | Rmt | 35.79 |
| 9 | C009A | Carriage of RCC pipe lead 600 700 & 750 mm (more than 10 ton) | Rmt | 65.61 |
| 10 | C010A | Carriage of RCC pipe lead 900 to 1200mm (more than 10 ton) | Rmt | 98.41 |
| 11 | C011A | Carriage Hoops Iron (more than 10 ton) | MT | 190.68 |
| 12 | C012A | Carriage of Asbestos Sheet (more than 10 ton) | MT | 169.74 |
| 13 | C013A | Carriage of Bitumen (more than 10 ton) | MT | 173.49 |
| 14 | C014A | Carriage of Bricks (more than 10 ton) | 1000 Each | 195.86 |
| 15 | C015A | Carriage of brick bats chhara (more than 10 ton) | cu.m. | 195.86 |
| 16 | C016A | Carriage of Brick aggregate 40mm size (more than 10 ton) | cu.m. | 195.86 |
| 17 | C017A | Carriage of C.I. Grating (more than 10 ton) | Each | 2.84 |
| 18 | C018A | Carriage of chips agg. (more than 10 ton) | cu.m. | 97.93 |
| 19 | C019A | Carriage of Cement (more than 10 ton) | MT | 70.99 |
| 20 | C020A | Carriage of CI cover and frame (more than 10 ton) | Each | 28.46 |
| 21 | C021A | Carriage of CI cover without frame (more than 10 ton) | each | 13.8 |
| 22 | C022A | Carriage of Coarse Sand (more than 10 ton) | cu.m. | 45.08 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 23 | C023A | Carriage of concrete block (39cm x 20cm x 19cm) (more than 10 ton) | 100 Each | 70.99 |
| 24 | C024A | Carriage of Earth. 0.5km. (more than 10 ton) | cu.m. | 4.48 |
| 25 | C025A | Carriage of Earth. 1km. (more than 10 ton) | cu.m. | 8.52 |
| 26 | C026A | Carriage of Earth. 2km. (more than 10 ton) | cu.m. | 16.21 |
| 27 | C027A | Carriage of Earth. 3km. (more than 10 ton) | cu.m. | 23.66 |
| 28 | C028A | Carriage of Fine Sand (more than 10 ton) | cu.m. | 45.08 |
| 29 | C029A | Carriage of Marble (more than 10 ton) | cu.m. | 97.93 |
| 30 | C030A | Carriage of Marble Chips (more than 10 ton) | cu.m. | 97.93 |
| 31 | C031A | Carriage of Murrum (more than 10 ton) | cu.m. | 45.08 |
| 32 | C032A | Carriage of Rubble (more than 10 ton) | cu.m. | 138.24 |
| 33 | C033A | Carriage of Precast slabs (concrete) (more than 10 ton) | cu.m. | 70.99 |
| 34 | C034A | Carriage of Quarry Spall (more than 10 ton) | cu.m. | 97.93 |
| 35 | C035A | Carriage of Steam Coal (more than 10 ton) | MT | 97.93 |
| 36 | C036A | Carriage of Steel (more than 10 ton) | MT | 125.99 |
| 37 | C037A | Carriage of Hand Broken Stone agg. 40 to 63mm (more than 10 ton) | cu.m. | 117.31 |
| 38 | C038A | Carriage of Brick agg. 20mm size (more than 10 ton) | cu.m. | 70.99 |
| 39 | C039A | Carriage of Stone Aggregate 20mm size (more than 10 ton) | cu.m. | 105.76 |
| 40 | C040A | Carriage of Stone Aggregate 40mm size (more than 10 ton) | cu.m. | 117.31 |
| 41 | C041A | Carriage of tiles (more than 10 ton) | 1000 Each | 59.96 |
| 42 | C042A | Carriage of Timber (more than 10 ton) | cu.m. | 29.98 |
| 43 | C043A | Carriage of Unslaked Lime (more than 10 ton) | cu.m. | 29.98 |
| 44 | C044 | Carriage Of Tube | Tonne | 173.49 |
| 45 | C053A | Carriage of Galvenized MS Tubes upto 50mm dia (more than 10 ton) | Each | 31.49 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 46 | C054A | Carriage of sheets GI/MS (more than 10 ton) | MT | 31.49 |
| 47 | C055A | Carriage of Stone Aggregate 6mm size (more than 10 ton) | cu.m. | 105.76 |
| 48 | C062A | Carriage of Stone (more than 10 ton) | cu.m. | 105.76 |
| 49 | C063 | Carriage of concrete panels | Cmt. | 70.99 |

| Sr No. | Code | Description | Unit | Rate |
|-------------------------|------|---|---------|---------|
| (D) Hire Charges | | | | |
| 1 | H001 | Hire Charges for Bituminous filter oil Fire | Hour | 208.00 |
| 2 | H002 | Hire Charges for Bituminous Mixer | Hour | 187.00 |
| 3 | H003 | Hire Charges for Boiler | Hour | 140.00 |
| 4 | H004 | Hire Charges for Pneumatic Road Roller | Hr | 655.00 |
| 5 | H005 | Hire Charges for Tendon Road Roller | Hour | 655.00 |
| 6 | H006 | Hire charges for Comprssor | Per Day | 240.00 |
| 7 | H007 | Hire charges for Crane | Hr | 825.00 |
| 8 | H008 | Hire Charges for Mech. Mixer (Extra Cost) | L.S | 52.90 |
| 9 | H009 | Hire Charges for Mech. Mortar mill | L.S | 36.30 |
| 10 | H010 | Hire charges for penumatic drill & Pavement bracker | Hr | 100.70 |
| 11 | H011 | Hire charges for road Roller | Per Day | 2800.00 |
| 12 | H012 | Hire charges for vibrator | L.S | 40.00 |
| 13 | H013 | Hire Charges for Vibratory Road Roller | Hour | 48.00 |
| 14 | H014 | Hire charges of required pilling Machineris | Hour | 625.00 |
| 15 | H015 | Hire charges of surface Vibrator | Each | 60.00 |
| 16 | H016 | Hydraulic Excavator 1 cum bucket capacity @ 60 cum per hour | hour | 840.00 |
| 17 | H017 | Tipper 10 tonne capacity | tonne | 1.60 |
| 18 | H018 | Dozer 80 HP for spreading @ 200 cum per hour | hour | 2400.00 |
| 19 | H019 | Motor grader for grading @ 100 cum per hour | hour | 1545.00 |
| 20 | H020 | Vibratory roller 8 - 10 tonnes @ 100 cum per hour | hour | 994.00 |
| 21 | H021 | Hire Charges of drilling machine | Days | 325.00 |
| 22 | H022 | Tractor with rotovalor | hrs | 245.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|--|-------------|-------------|
| 23 | H023 | Bitumen emulsion pressure distributor | days | 600.00 |
| 24 | H024 | Excavator Pile Driving | Day | 1000.00 |
| 25 | H025 | Core Drill | Rmt. | 1315.00 |
| 26 | H026 | Impact Drill and Hand Socket | Day | 600.00 |
| 27 | H027 | Wrench | Day | 300.00 |
| 28 | H028 | Scissor Jack | Day | 300.00 |
| 29 | H029 | Rail Cutting | Day | 250.00 |
| 30 | H030 | Zinc Coating | LS | 6000.00 |
| 31 | H031 | Diesel Generator | Day | 7500.00 |
| 32 | H032 | Truck (Considering 1 Truck for 20 days @ Rs.5000 Per Day) | Day | 5000.00 |
| 33 | H033 | Tractor Trolley (Considering 1 Tractor Trolley for 20 Days (8 Hours per Day Rs.245 per Hour) | Day | 1960.00 |
| 34 | H034 | Design of the structure using specialised steel framing software | Kg. | 5.00 |
| 35 | H035 | Computerised Profile Marking Machine | Hrs | 900.00 |
| 36 | H036 | Pre heat boiler | Hrs | 100.00 |

| Sr No. | Code | Description | Unit | Rate |
|------------------------|------|---|------|--------|
| (E) Extra Rates | | | | |
| 1 | E001 | Extra for 40mm thick shutters instead of 35mm thick | L.S | 60.00 |
| 2 | E002 | Less for 25mm thick shutters instead of 35mm thick | L.S | 50.00 |
| 3 | E003 | Extra for Labour Charges for Hot Mix Plant | L.S | 398.00 |
| 4 | E004 | Extra for Carriage of Stone | L.S | 2.47 |
| 5 | E005 | Extra for Scaffolding | L.S | 2.47 |
| 6 | E006 | Extra for Blasting Powder | L.S | 365.00 |
| 7 | E007 | Extra Labour for Sinking And Chiselling | L.S | 970.00 |
| 8 | E008 | Extra for knetledge block of CC 1:3:6 and labour for loading | L.S | 741.00 |
| 9 | E009 | Extra for Cover blocks | L.S | 21.00 |
| 10 | E010 | Extra for Labour charges for cutting, Bending and welding | L.S | 10.00 |
| 11 | E011 | Extra for controlled Concrete | L.S | 490.00 |
| 12 | E012 | Extra cost of centering and shuttering | L.S | 230.00 |
| 13 | E013 | Extra Cost of Hire Charges for Mech. Mixer | L.S | 52.90 |
| 14 | E014 | Extra for Cement Mortar 1:3 for Mixing | L.S | 44.00 |
| 15 | E015 | Extra for Carriage of Panels, shuters, particle board etc. | L.S | 6.32 |
| 16 | E016 | Extra for M.S. Plate / Flat | L.S | 8.00 |
| 17 | E017 | Extra cost of rivet fixing, hook and wahser etc. | L.S | 15.40 |
| 18 | E018 | Extra for RCC precast jali 50mm thick | L.S | 187.00 |
| 19 | E019 | Carriage of material etc. 89647,5300,55 Rawl,9800 1st class carpen,5600 | L.S | 1.49 |
| 20 | E020 | Labour charges for light fitting & diffusers | L.S | 175.00 |
| 21 | E021 | Labour Charges for filling Rock Wool | L.S | 5.21 |
| 22 | E022 | Labour Charges for Installation of Vapour Breather Membrane | L.S | 15.00 |

| Sr No. | Code | Description | Unit | Rate |
|---------------|-------------|---|-------------|-------------|
| 23 | E023 | Wastage and overlapping of the thermal bubble insulation | L.S | 6.00 |
| 24 | E024 | Transporation of thermal bubble insulation from factory to site including loading / unloading | L.S | 6.00 |
| 25 | E025 | Labour Charges for fixing thermal bubble insulation | L.S | 25.00 |
| 26 | E026 | Labour Charges for fixing 12mm thick Cement Board | L.S | 140.00 |
| 27 | E027 | Conveyance charge 5 km lead | L.S | 235.51 |

CHAPTER- 2 MORTARS

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 02001A | 2.5.1 | Lime Mortar 1:1 (1-lime putty/ Equivalent dry Hydrated Lime : 1-Fine sand) | cu.m | 1526.80 |
| 02002A | 2.5.2 | Lime Mortar 1:2 (1-lime putty/ Equivalent dry Hydrated Lime : 2-Fine sand) | cu.m | 1325.50 |
| 02003A | 2.5.3 | Lime Mortar 1:3 (1-lime putty/Equivalent dry Hydrated Lime : 3 - Fine sand) | cu.m | 1224.30 |
| 02004A | 0 | Lime Mortar 1:1.5 (1-lime putty/ Equivalent dry Hydrated Lime : 1.5 Fine sand) | cu.m | 1442.10 |
| 02005A | 2.5.11 | Cement Mortar 1:1 (1-Cement: 1- fine sand) | cu.m | 6089.60 |
| 02006A | 2.5.12 | Cement Mortar 1:2(1-Cement: 2-fine sand) | cu.m | 4324.10 |
| 02007A | 2.5.13 | Cement Mortar 1:3(1-Cement: 3- fine sand) | cu.m | 3441.90 |
| 02008A | 2.5.14 | Cement Mortar 1:4(1-Cement: 4- fine sand) | cu.m | 2737.90 |
| 02009A | 2.5.15 | Cement Mortar 1:5(1-Cement: 5- fine sand) | cu.m | 2075.70 |
| 02010A | 2.5.16 | Cement Mortar 1:6(1-Cement: 6- fine sand) | cu.m | 1789.70 |
| 02011A | 2.5.18 | Cement Mortar 1:3 (1-Cement: 3 - coarse sand) | cu.m | 3461.70 |
| 02012A | 2.5.19 | Cement Mortar 1:4 (1-Cement: 4 - coarse sand) | cu.m | 2757.70 |
| 02013A | 2.5.20 | Cement Mortar 1:5 (1-Cement: 5 - coarse sand) | cu.m | 2093.30 |
| 02014A | 2.5.21 | Cement Mortar 1:6 (1-Cement: 6 - coarse sand) | cu.m | 1807.30 |
| 02015A | 0 | Cement Mortar 1:8 (1-Cement: 8 - fine sand) | cu.m | 1521.30 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 02016A | 0 | Lime Mortar 1:1.5 (1- Lime putty / Equivalent dry hydrated Lime:1.5 coarse sand) | cu.m | 1456.40 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--|--------------------|---|------|---------------------|
| CHAPTER- 4 EARTH WORK (EXECUTED WITH MECHANISED EFFORTS/ MACHINARIES) | | | | |
| 04001A | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | cu.m | 77.28 |
| 04001B | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil | cu.m | 98.79 |
| 04001C | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum | cu.m | 169.05 |
| 04001D | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting | cu.m | 173.65 |
| 04001E | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock | cu.m | 394.45 |
| 04002A | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | cu.m | 85.68 |
| 04002B | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil | cu.m | 107.18 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 04002C | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum | cu.m | 180.55 |
| 04002D | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting | cu.m | 189.75 |
| 04002E | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock | cu.m | 409.40 |
| 04003A | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | cu.m | 94.07 |
| 04003B | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil | cu.m | 115.00 |
| 04003C | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 Meter lead.(C) Hard Murrum | cu.m | 188.60 |
| 04003D | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting | cu.m | 204.70 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 04003E | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock | cu.m | 424.35 |
| 04004A | 0 | Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(A) Loose or soft soil | cu.m | 15.30 |
| 04004B | 0 | Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead.(B) Dense or Hard soil | cu.m | 15.30 |
| 04004C | 0 | Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(C) Hard Murrum | cu.m | 21.05 |
| 04004D | 0 | Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 m lead.(D) Soft rock not require Blasting | cu.m | 27.14 |
| 04004E | 0 | Extra for additional depth more than 5.0 m for excavation for foundation including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 m lead.(E) Hard Rock | cu.m | 27.14 |
| 04005A | 0 | Add extra for Disposing off the excavated stuff of above items for lead of (A) 50 m to 100 m | cu.m | 14.11 |
| 04005B | 0 | Add extra for Disposing off the excavated stuff of above items for lead of (B) 100 m to 200 m | cu.m | 28.22 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 04005C | 0 | Add extra for Disposing off the excavated stuff of above items for lead of (C) 200 m to 300 m | cu.m | 42.34 |
| 04005D | 0 | Add extra for Disposing off the excavated stuff of above items for lead of (D) 300 m to 400 m | cu.m | 62.72 |
| 04005E | 0 | Add extra for Disposing off the excavated stuff of above items for lead of (E) 400 to 500 m | cu.m | 104.54 |
| 4006 | 4.12 | Filling available excavated earth (excluding rock) in trenches. plinth, sides of foundations etc. in layers not exceeding 20 cm. in depth consolidating each disposed layer by ramming and watering. | cu.m | 90.85 |
| 04007A | 4.24 | Filling in plinth with sand under floors including watering ramming, consolidating and dressing complete | cu.m | 336.34 |
| 04008A | 0 | Filling in foundation and plinth with murrum or selected soil in layers of 20cm. thickness including watering, ramming and consolidating etc. complete. | cu.m | 215.54 |
| 04009A | 0 | Filling in foundation and plinth with brick Bats Chhara in layers of 20cm. thickness including watering, remming and consolidating etc. complete. | cu.m | 535.90 |
| 04010A | 4.27 | Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(i)200 mm | Each | 718.75 |
| 04010B | 4.27 | Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(ii) 250 mm | Each | 861.35 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 04010C | 4.27 | Boring holes 3.5 m deep in ordinary soil (for cast in situ piles) and getting out the soil and disposal of the surplus excavated soil as directed within a lead of 50 Meter for following diameter of pipes.(iii) 300 mm | Each | 1007.40 |
| 04011A | 4.28 | Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(i) 200 mm | Each | 287.50 |
| 04011B | 4.28 | Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(ii) 250 mm | Each | 345.00 |
| 04011C | 4.28 | Extra for under reaming inside the bore Holes for under reamed piles of following Diameter.(iii) 300 mm | Each | 428.95 |
| 04012A | 4.29 | Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(i) 200 mm | Each | 241.50 |
| 04012B | 4.29 | Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(ii) 250 mm | Each | 322.00 |
| 04012C | 4.29 | Add to or deduct from the rate for Bore Holes of 3.5 m Depth, if bore holes are made deeper or shallower than 3.5M. for Piles of following diameter.(iii) 300 mm | Each | 359.95 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--|--------------------|---|------|---------------------|
| CHAPTER- 4 EARTH WORK (EXECUTED WITH MANUAL LABOUR) | | | | |
| 04B001A | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | cu.m | 148.75 |
| 04B001B | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil | cu.m | 190.00 |
| 04B001C | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum | cu.m | 323.75 |
| 04B001D | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting | cu.m | 335.00 |
| 04B001E | 0 | Excavation for foundation upto 1.5 m depth including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock | cu.m | 666.00 |
| 04B002A | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | cu.m | 158.40 |
| 04B002B | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil | cu.m | 198.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 04B002C | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(C) Hard Murrum | cu.m | 333.60 |
| 04B002D | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead. (D) Soft rock not requiring Blasting | cu.m | 349.20 |
| 04B002E | 0 | Excavation for foundation for depth from 1.5 m to 3.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock | cu.m | 693.60 |
| 04B003A | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(A) Loose or soft soil | cu.m | 174.00 |
| 04B003B | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(B) Dense or Hard soil | cu.m | 213.60 |
| 04B003C | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing of the excavated stuff upto 50 Meter lead.(C) Hard Murrum | cu.m | 349.20 |
| 04B003D | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(D) Soft rock not requiring Blasting | cu.m | 376.80 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 04B003E | 0 | Excavation for foundation for depth from 3.0 m to 5.0 m including sorting out and stacking of useful materials and disposing off the excavated stuff upto 50 Meter lead.(E) Hard Rock | cu.m | 721.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|---------------------------------|--------------------|--|------|---------------------|
| CHAPTER- 5 CONCRETE WORK | | | | |
| 05001A | 5.1.6 | Providing and laying in foundation and plinth / under floors lime concrete with hand broken stone aggregates 40mm nominal size and 40% mortar comprising of 1-Lime putty : 2-Fine sand and curing complete excluding cost of formwork. | cu.m | 1992.81 |
| 05002A | 5.1.8 | Providing and laying in foundation and plinth / under floors lime concrete with graded brick aggregates 40 mm nominal size and 40% mortar comprising of 1-Limeputty : 2-Fine sand and curing completeexcluding cost of formwork. | cu.m | 1821.60 |
| 05003A | 5.3.2 | Providing and laying cement concrete 1:3:6 (1-Cement : 3- coarse sand : 6- hand broken stone aggregates 40 mmnominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth | cu.m | 2652.10 |
| 05004A | 5.3.3 | Providing and laying cement concrete 1:4:8 (1-Cement : 4- coarse sand : 8- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth | cu.m | 2378.20 |
| 05005A | 5.3.14 | Providing and laying cement concrete 1:3:6 (1-Cement : 3- Coarse sand : 6- crushed stone aggregates 20 mm nominal size) and curing complete including cost of formwork in (A) Wall Caps / Coping | cu.m | 3419.90 |
| 05006A | 5.3.4 | Providing and laying cement concrete 1:5:10 (1-Cement : 5- Coarse sand : 10- hand broken stone aggregates 40 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth | cu.m | 2159.30 |
| 05007A | 5.3.2 | Providing and laying cement concrete 1:3:6 (1-Cement : 3- Coarse sand : 6- Graded brick bat aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth | cu.m | 2303.40 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 05008A | 5.3.3 | Providing and laying cement concrete 1:4:8 (1- Cement : 4- Coarse sand : 8- Graded Brick bats aggregate 40mm normal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth | cu.m | 2062.50 |
| 05009A | 5.3.8 | Providing and laying cement concrete 1:5:10 (1- Cement : 5- fine sand : 10- graded brick bat aggregates 40mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth | cu.m | 1874.40 |
| 05010AA | 5.3.13 | Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (A) Foundation and Plinth | cu.m | 3464.50 |
| 05010BA | 5.3.13 | Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork in (B)Independent piers, columns, and pillars, upto floor two level | cu.m | 3464.50 |
| 05011AA | 5.4.1 | Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base or columns and Mass concrete | cu.m | 3624.50 |
| 05011BA | 5.4.1 | Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Slabs, landing, shelves, Balconis , Lintels, Beams, Girders and Cantilever upto floor two level. | cu.m | 3687.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 05011DA | 5.4.1 | Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. | cu.m | 3687.20 |
| 05011EA | 5.4.1 | Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E)Staircases excluding landing upto floor two level | cu.m | 4055.70 |
| 05011KA | 5.4.1 | Providing and laying cement concrete work 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) and curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K)Vertical and Horizontal its upto floor two level. | cu.m | 3835.70 |
| 05012A | 5.4.4 | Providing and laying cement concrete 1:2:4 (1- Cement : 2- Coarse sand : 4- graded stone aggregates 20 mm nominal size) for reinforced concrete Chhajjas not exceeding 10cm. thickness upto floor two level including finishing the exposed surfaces with cement mortar 1:3 (1-cement, 3 Fine sand) to give a smooth and even surface centering and formwork and curing complete excluding cost of reinforcement. | cu.m | 5698.41 |
| 05013A | 5.4.10 | Providing Mild Steel reinforcement for R.C.C. work including bending binding, and placing in position complete upto floor two level. | kg | 55.83 |
| 05014AA | 5.4.11 | Providing H.Y.S.D. Bar reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level | kg | 58.09 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 05014BA | 5.4.11 | Providing TMT Bar FE 415 reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level | kg | 62.61 |
| 05014C | 5.4.11 | Providing TMT Bar FE 500D reinforcement for R.C.C. work including bending, binding and placing in position complete upto floor two level | kg | 71.71 |
| 05015A | 5.4.13 | Extra for additional lift of concrete for all R.C.C. work above floor two level excluding cost of reinforcement | cu.m | 36.74 |
| 05016A | 5.4.13A | Extra for additional lift of reinforcing steel for all R.C.C. work above floor two level. | kg | 0.66 |
| 5017 | 5.4.16 | Deduct for omitting in R.C.C. work smooth finishing of the exposed surface with cement mortar 1:3 (1-Cement : 3- Fine sand) | Sqm | 93.50 |
| 5018 | 5.4.18 | Providing throating or plaster drip and moulding to R.C.C. Chhajja. | Rmt | 27.50 |
| 05019A | 5.6.2 | Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening, cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (A) 50mm thick | Sqm | 467.50 |
| 05019B | 5.6.2 | Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening, cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (B) 40mm thick | Sqm | 426.80 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------------------------------------|---------------------|
| 05019C | 5.6.2 | Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (C) 25mm thick | Sqm | 405.90 |
| 05019D | 5.6.2 | Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete. (D) 75mm thick | Sqm | 506.00 |
| 05019E | 5.6.2 | Providing upto floor two level precast cement concrete jali or grill 1:2:4 mix (1- Cement : 2-coarse sand : 4-graded stone aggregate 6mm nominal size) reinforced with 1.6 mm dia. Mild steel wire including roughening,cleaning, fixing and finishing in cement mortar 1:3 and curing complete.(E) 100mm thick | Sqm | 532.40 |
| 5020 | 5.6.9 | Extra for additional lift for providing and fixing in position precast R.C.C. units above floor two level | Sqm | 6.93 |
| 05021A | 5.7.1 | Providing and laying damp proof course 25mm thick cement concrete 1:2:4 (1-Cement : 2 coarse sand : 4 stone aggregate 10 mm nominal size) and curing complete | Sqm | 205.70 |
| 5022 | 5.7.5 | Extra for providing and mixing water proofing material in Cement concrete in mix proportion recommended by the manufacturers. | Litres or Kg per Quintal of Cement | 57.44 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 05023AA | 5.8.1 | Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings,Base of columns and Mass concrete | cu.m | 3618.85 |
| 05023BA | 5.8.1 | Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level | cu.m | 3804.65 |
| 05023CA | 5.8.1 | Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (C) Slabs, landing, shelves, Balconies, Lintels, Beams, Girders and Cantilever upto floor two level | cu.m | 3790.87 |
| 05023DA | 5.8.1 | Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. | cu.m | 3864.30 |
| 05023EA | 5.8.1 | Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level | cu.m | 3956.70 |
| 05023KA | 5.8.1 | Providing and laying controlled cement concrete M.150 for curing complete excluding cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level. | cu.m | 4058.19 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 05024AA | 5.8.2 | Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete | cu.m | 3874.20 |
| 05024BA | 5.8.2 | Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level | cu.m | 4199.80 |
| 05024CA | 5.8.2 | Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies Lintels, Beams, Girders and Cantilever upto floor two level. | cu.m | 4187.70 |
| 05024DA | 5.8.2 | Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts upto floor two level. | cu.m | 4255.90 |
| 05024EA | 5.8.2 | Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (E) Staircases excluding landing upto floor two level | cu.m | 4115.10 |
| 05024KA | 5.8.2 | Providing and laying controlled cement concrete M.200 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (K) Vertical and Horizontal its upto floor two level. | cu.m | 4338.40 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 05025AA | 5.8.3 | Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (A) Foundations, footings, Base of columns and Mass concrete. | cu.m | 4127.65 |
| 05025BA | 5.8.3 | Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (B) Walls, from top of foundation level upto floor two level | cu.m | 4313.45 |
| 05025CA | 5.8.3 | Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (C) Slabs,landing,shelves,Balconies, Lintels, Beams, Girders and Cantilever upto floor two level. | cu.m | 4299.67 |
| 05025DA | 5.8.3 | Providing and laying controlled cement concrete M.250 and curing complete excluding the cost of formwork and reinforcement for reinforced concrete work in (D) Columns, Pillars posts and struts, upto floor two level. | cu.m | 4375.37 |
| 05026A | 0 | Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness | cu.m | 6124.80 |
| 05026B | 0 | Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness | cu.m | 5580.77 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 05026C | 0 | Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness | cu.m | 5213.84 |
| 05026D | 0 | Providing and Laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness | cu.m | 4849.10 |
| 05027A | 0 | Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness | cu.m | 6230.05 |
| 05027B | 0 | Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness | cu.m | 5680.75 |
| 05027C | 0 | Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness | cu.m | 5173.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 05027D | 0 | Providing and Laying controlled cement concrete M.150 and finishing smooth with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness | cu.m | 4949.08 |
| 05028A | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness | cu.m | 6881.60 |
| 05028B | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (ii) Slabs having more than 8 cm and upto 10 cm.thickness | cu.m | 6252.37 |
| 05028C | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iii) Slabs having more than 10 cm and upto 13 cm. thickness | cu.m | 5632.66 |
| 05028D | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (iv) Slabs having more than 13 cm and upto 15 cm.thickness | cu.m | 5297.06 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 05029A | 0 | Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (i) Slabs upto 8cm thickness | cu.m | 7030.10 |
| 05029B | 0 | Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (ii) Slabs having more than 8 cm and upto 10 cm.thickness | cu.m | 6352.35 |
| 05029C | 0 | Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (iii) Slabs having more than 10 cm and upto 13 cm. thickness | cu.m | 5689.66 |
| 05029D | 0 | Providing and laying controlled cement concrete M.150 and exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.Cwork in (iv) Slabs having more than 13 cm and upto 15 cm.thickness | cu.m | 5397.04 |
| 5030 | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) for R.C.C lintel including finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement. | cu.m | 5756.30 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 05031A1 | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M | cu.m | 6393.20 |
| 05031A2 | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M | cu.m | 5803.94 |
| 05031A3 | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M | cu.m | 5094.01 |
| 05031B1 | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (i) Having cross-sectional area 0.05 to 0.08 Sq.M | cu.m | 7777.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 05031B2 | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M | cu.m | 6996.00 |
| 05031B3 | 0 | Providing and laying ordinary cement concrete 1:2:4 (1- Cement 2- coarse sand : 4- graded stone aggregates 20 mm nominal size) and finishing smooth with,curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M | cu.m | 6079.70 |
| 05032A1 | 0 | Providing and laying ordinary cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M | cu.m | 7651.60 |
| 05032A2 | 0 | Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M | cu.m | 6888.48 |
| 05032A3 | 0 | Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M | cu.m | 5889.76 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 05032B1 | 0 | Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M | cu.m | 9077.20 |
| 05032B2 | 0 | Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M | cu.m | 8072.90 |
| 05032B3 | 0 | Providing and laying controlled cement concrete M.150exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(B) COLUMNS:(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M | cu.m | 6897.00 |
| 05033A1 | 0 | Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in(A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M | cu.m | 8083.90 |
| 05033A2 | 0 | Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M | cu.m | 7248.21 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 05033A3 | 0 | Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M | cu.m | 6249.49 |
| 05033B1 | 0 | Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M | cu.m | 9476.50 |
| 05033B2 | 0 | Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M | cu.m | 8895.72 |
| 05033B3 | 0 | Providing and laying controlled cement concrete M.200 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M | cu.m | 7296.30 |
| 05034A1 | 0 | Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(i) Having cross-sectional area 0.05 to 0.08 Sq.M | cu.m | 8228.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 05034A2 | 0 | Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(ii) Having cross-sectional area more than 0.08Sq.M and upto 0.12 Sq.M | cu.m | 7431.08 |
| 05034A3 | 0 | Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (A) BEAMS :(iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M | cu.m | 6432.36 |
| 05034B1 | 0 | Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(i) Having cross-sectional area 0.05 to 0.08 Sq.M | cu.m | 9652.50 |
| 05034B2 | 0 | Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS:(ii) Having cross-sectional area more than 0.08 Sq.M and upto 0.18 Sq.M | cu.m | 8649.30 |
| 05034B3 | 0 | Providing and laying controlled cement concrete M.250 exposed work with curing etc. complete including the cost of formwork but excluding the cost of reinforcement for R.C.C. work in (B) COLUMNS: (iii) Having cross-sectional area more than 0.12Sq.M and upto 0.18 Sq.M | cu.m | 7473.40 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 5035 | 0 | Providing and applying anticorrosive treatment with polymer base materials to the steel reinforcement including descaling the dust and applying the preventive coating of approved make (for the R.C.C. structures near coastal area only) etc complete. | MT | 2675.20 |
| 5047 | | Providing and fixing in expansion joint 100 mm thick expansion joint board of best quality and approved make including cutting to required size and shape at all levels etc. complete as directed. | Sqm | 3484.50 |
| 5048 | | Providing and laying and fixing 50 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete. | Sqm | 1742.25 |
| 5049 | | Providing and laying and fixing 25 mm thick expansion joint by hydro cell semi rigid UV resistance with high performance laminated closed cell polythene foam joint filler in sheet foam as directed, etc. complete. | Sqm | 871.13 |
| 5050 | | Applying and providing Expansion joint sealing System on 100 mm wide joint including cleaning of expansion joint by mechanical means provision of adhesive and flexible membrane with required bond length as per manufacturer specification and 4mm thick aluminium strip covering with one side slotted and bolted with suitable system, inclusive of all manpower, machinery and material as per specification and as directed. | Sqm | 5575.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 5051 | | Providing and filling the expansion joint by polymer confirm to BS 4254-1983 as per required shade and specification by making groove of 50 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete. | Sqm | 602.14 |
| 5052 | | Providing and filling the expansion joint by polymer confirm to BS 4254-1983 as per required shade and manufactured specification by making groove of 25 mm x 12.5 mm lather by cutting or by repairing groove and removing mortar drop or any other foreign materials including applying primer and filling required size (oversize of joint PU foam etc. complete | Sqm | 319.75 |
| 5053 | | Providing and fixing 25 cm Wide & 3mm thick exterior composite panel on existing expansion joint horizontally & vertically with all material, hardware, accessories & fittings etc completed. | Sqm | 1231.80 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 5054 | | Providing and laying in position Ready Mixed M-150 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) | cu.m | 3554.96 |
| 5055 | | Providing and laying in position Ready Mixed M-200 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) | cu.m | 4457.79 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 5056 | | Providing and laying in position Ready Mixed M-250 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 450 kg) | cu.m | 4567.05 |
| 5057 | | Providing and laying in position Ready Mixed M-300 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash (Min cement level as per latest IS 456 shall be maintained) (Cement level 475 kg) | cu.m | 4800.92 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 5058 | | Providing and laying in position Ready Mixed M-350 grade concrete for reinforced cement concrete work , using cement content as per approved Design Mix manufactured in fully automatic batching plant and transported to site of work in transit mixer for a lead up to 10 kms having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying, excluding the cost of centering shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per IS: 9103 to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge. Without Fly Ash(Min cement level as per latest IS 456 shall be maintained) (Cement level 500 kg) | cu.m | 4920.49 |
| 5059 | | Providing and applying anti carbonation, anti fading, mold resistant, heat insulating, and 100% acrylic breathable decorative external waterproof coating of approved shade having Viscosity @ Room Temperature by Ford cup No. B-4 (dilute 2 parts of product with 1 part of water) 18 to 30 sec. pH of 7.00 to 10.00 and Sp. Gravity @ Room Temperature 1.30+0.1, tested for carbon dioxide diffusion resistance properties for coating materials and coating systems for exterior masonry and concrete as per DIN EN 1062-6 (2002-2010) by a NBA Grade "A" accredited institution. | Sqm | 76.51 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 5060 | | Providing and fixing premoulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum, non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 12 mm wide expansion joint including cutting to required size and shape at all levels etc.complete as directed. | Sqm | 558.00 |
| 5061 | | Providing and fixing premoulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum. non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 20 mm wide expansion joint including cutting to required size and shape at all levels etc.complete as directed. | Sqm | 804.61 |
| 5062 | | Providing and fixing premoulded compressible filler board in black colour confirming to MoRT&H Specifications (Clause 1015), having minimum density 95kg/cum. non-staining with less than 1% water absorption & compression recovery of 93% minimum as per specification for 40 mm wide expansion joint including cutting to required size and shape at all levels etc.complete as directed. | Sqm | 1421.13 |
| 5063 | | Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. for 12 mm thick joint | Rmt | 166.76 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 5064 | | Providing and applying the elastomeric joint sealant two component, high performance polysulfide formulation conforming to BS:4254 and ASTM C 920 having weathering resistance to ultra-violet rays and shall exhibit shore A hardness of 25 and have movement accommodation factor 25% including using of compatible primer of approved standard etc. complete. For 20 mm thick joint | Rmt | 250.80 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------------------|--------------------|---|------|---------------------|
| CHAPTER- 6 BRICK WORK | | | | |
| 06001AA | 6.12 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(A) Modular | cu.m | 3144.90 |
| 06001BA | 6.12 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(B) Conventional | cu.m | 2885.30 |
| 06001CA | 6.12 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:5. (1- Cement : 5 -fine sand)(C) Fly Ash Bricks | cu.m | 3231.80 |
| 06002AA | 6.13 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(A) Modular | cu.m | 3021.70 |
| 06002BA | 6.13 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(B) Conventional | cu.m | 2814.90 |
| 06002CA | 6.13 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:6 (1- Cement : 6 -fine sand)(C) Fly Ash Bricks | cu.m | 3161.40 |
| 06003AA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(A) Modular | cu.m | 2967.80 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 06003BA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(B) Conventional | cu.m | 2752.20 |
| 06003CA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Cement Mortar 1:8 (1- Cement : 8 -fine sand)(C) Fly Ash Bricks | cu.m | 3099.80 |
| 06004AA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(A) Modular | cu.m | 2952.40 |
| 06004BA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(B) Conventional | cu.m | 2734.60 |
| 06004CA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1:1.5 (1- Lime putty :1.5 -fine sand)(C) Fly Ash Bricks | cu.m | 3081.10 |
| 06005AA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(A) Modular | cu.m | 2928.20 |
| 06005BA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(B) Conventional | cu.m | 2707.10 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|--------------------|---------------------|
| 06005CA | 0 | Brick work using common burnt clay building bricks having crushing strength not less than 35 kg./Sq.Cm. in foundation and plinth in Lime Mortar 1: 2 (1- Lime putty : 2 -fine sand)(C) Fly Ash Bricks | cu.m | 3053.60 |
| 06006A | 6.19 | Extra for brick work in superstructure above plinth level upto floor two level (A) Modular | cu.m | 174.90 |
| 06006B | 6.19 | Extra for brick work in superstructure above plinth level upto floor two level (B) Conventional | cu.m | 181.50 |
| 06006C | 6.19 | Extra for brick work in superstructure above plinth level upto floor two level(C) Fly Ash Bricks | cu.m | 181.50 |
| 06007A1A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 1(6.12) (A) Modular | per floor per cu.m | 32.50 |
| 06007A2A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 1(6.12) (B) Conventional | per floor per cu.m | 28.82 |
| 06007A3A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 1(6.12) (C) Fly Ash Bricks | per floor per cu.m | 34.30 |
| 06007B1A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 2(6.13) (A) Modular | per floor per cu.m | 31.86 |
| 06007B2A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 2(6.13) (B) Conventional | per floor per cu.m | 29.79 |
| 06007B3A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 2(6.13) (C) Fly Ash Bricks | per floor per cu.m | 33.54 |
| 06007C1A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 3 (A) Modular | per floor per cu.m | 31.25 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|--------------------|---------------------|
| 06007C2A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 3 (B) Conventional | per floor per cu.m | 29.12 |
| 06007C3A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 3 (C) Fly Ash Bricks | per floor per cu.m | 32.87 |
| 06007D1A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 4 (A) Modular | per floor per cu.m | 31.08 |
| 06007D2A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 4 (B) Coventional | per floor per cu.m | 28.92 |
| 06007D3A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 4 (C) Fly Ash Bricks | per floor per cu.m | 32.68 |
| 06007E1A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 5 (A) Modular | per floor per cu.m | 30.82 |
| 06008A1A | 6.3 | (i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand) in foundation and plinth (A) Modular | Sqm | 400.40 |
| 06008A2A | 6.3 | (i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand) in foundation and plinth (B) Conventional | Sqm | 407.00 |
| 06008A3A | 6.3 | (i) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:4 (1-Cement : 4 -coarse sand) in foundation and plinth (C)Fly Ash Bricks | Sqm | 448.80 |
| 06008B1A | 6.3 | (ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand) in foundation and plinth (A) Modular | Sqm | 392.70 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 06008B2A | 6.3 | (ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand) in foundation and plinth (B) Conventional | Sqm | 398.20 |
| 06008B3A | 6.3 | (ii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:5 (1-Cement : 5 -coarse sand) in foundation and plinth (C)Fly Ash Bricks | Sqm | 440.00 |
| 06008C1A | 6.3 | (iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1-Lime : 1.5 -coarse sand) in foundation and plinth (A) Modular | Sqm | 377.30 |
| 06008C2A | 6.3 | (iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1-Lime : 1.5 -coarse sand) in foundation and plinth (B) Conventional | Sqm | 380.60 |
| 06008C3A | 6.3 | (iii) Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Lime mortar 1:1.5 (1-Lime : 1.5 -coarse sand) in foundation and plinth (C)Fly Ash Bricks | Sqm | 422.40 |
| 06008E2A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 5 (B) Coventional | cu.m | 28.82 |
| 06009AA | 6.31 | Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (A) Modular | Sqm | 444.40 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 06009BA | 6.31 | Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (B) Conventional | Sqm | 452.10 |
| 06009CA | 6.31 | Half brick masonry in common brunt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. in Cement mortar 1:3 (1-Cement : 3-coarse sand) with 2 Nos of 6mm Mild steel round bars after every three course embedded in Cement Mortar in foundation and plinth (C)Fly Ash Bricks | Sqm | 493.90 |
| 06009E3A | 6.2 | Extra for brick work in superstructure above floor two level Item No. 5 (C) Fly Ash Bricks | cu.m | 30.58 |
| 06010A | 6.32 | Extra for half brick masonry in superstructure above plinth level upto floor two level. (A) Modular | Sqm | 31.90 |
| 06010B | 6.32 | Extra for half brick masonry in superstructure above plinth level upto floor two level. (B) Conventional | Sqm | 35.20 |
| 06010C | 6.32 | Extra for half brick masonry in superstructure above plinth level upto floor two level. (C)Fly Ash Bricks | Sqm | 35.20 |
| 06011AA | 6.33 | Extra for half brick masonry in superstructure above floor two level. (A) Modular | Sqm | 4.39 |
| 06011BA | 6.33 | Extra for half brick masonry in superstructure above floor two level.(B) Conventional | Sqm | 4.46 |
| 06011CA | 6.33 | Extra for half brick masonry in superstructure above floor two level. (C) Fly Ash Bricks | Sqm | 4.91 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 06012AA | 6.55 | Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (i) In Cement Mortar 1:4 (1- Cement : 4 - coarse sand) | Sqm | 213.40 |
| 06012BA | 6.55 | Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (ii) In Cement Mortar 1:5 (1- Cement : 5 - coarse sand) | Sqm | 207.90 |
| 06012CA | 6.55 | Half brick thick honey- comb brick work with common burnt clay building bricks having crushing strength not less than 35 Kg/Sq.Cm. (iii) Fly Ash Brick In Cement Mortar 1:5 (1- Cement : 5 - coarse sand) | Sqm | 232.10 |
| 6014 | | Masonry work using Aerated light weight concrete block having crushing strength not less than 35 kg/sqcm for super structure above plinth level upto floor two level in cement mortar 1:5 (1 cement : 5 fine sand) complete as per Technical Specification | cu.m | 4854.12 |
| 6015 | | Providing and laying Precast Lightweight concrete hollow core wall with hollow core concrete unit of approved make & size of 92 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M20 having cube compressive strength not less than 20 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required) | Sqm | 747.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 6016 | | Providing and laying Precast Lightweight concrete hollow core wall with hollow core concrete unit of approved make & size of 120 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M20 having cube compressive strength not less than 20 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required) | Sqm | 842.00 |
| 6017 | | Providing and laying Precast Regular concrete hollow core wall with hollow core concrete unit of approved make & size of 92 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required) | Sqm | 777.00 |
| 6018 | | Providing and laying Precast Regular concrete hollow core wall with hollow core concrete unit of approved make & size of 120 mm thick, 600 mm wide and 2400 mm / 2600 mm / 2850 mm / 3000 mm / 3300 mm in length made from of controlled cement concrete M35 having cube compressive strength not less than 35 MPa jointing with high strength & tensile adhesion non-shrink cementitious joint compound / P.U. Foam. (Plaster not required) | Sqm | 875.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|---------------------------------|--------------------|--|------|---------------------|
| CHAPTER- 7 STONE MASONRY | | | | |
| 07001AA | 7.6 | (i) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-cement : 6-coarse sand including levelling up etc. complete | cu.m | 1854.97 |
| 07001BA | 7.6 | (ii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-cement : 5-coarse sand including levelling up etc. complete | cu.m | 1959.41 |
| 07001CA | 7.6 | (iii) Uncoursed Rubble Masonry with hard stone of approved quality in foundations and plinth in Lime Mortar 1:1.5 (1-Lime : 1.5-coarse sand including levelling up etc. complete | cu.m | 1735.60 |
| 7002 | 7.8 | Extra over Item 7.6 for super structure above plinth level upto floor two level | cu.m | 242.00 |
| 07003A | 7.9 | Extra for additional lift in superstructure above floor two level. | cu.m | 18.55 |
| 07004A | 7.17 A | Coursed rubble masonry with hard stone of approved quality in foundations and plinth in Cement Mortar 1:6 (1-Cement : 6-coarse sand) etc. complete. | cu.m | 2387.94 |
| 07005AA | 7.17 B | Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:5 (1-Cement : 5-coarse sand) etc. complete. | cu.m | 2482.89 |
| 07005BA | 7.17 C | Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:4 (1-Cement : 4-coarse sand) etc. complete. | cu.m | 2587.28 |
| 07005CA | 7.17 D | Coursed rubble masonry with stone of approved quality in foundations and plinth in Cement Mortar 1:3 (1-Cement : 3-coarse sand) etc. complete. | cu.m | 2781.17 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|--------------------|---------------------|
| 7006 | 7.19 | Extra over item No. 7.17 for superstructure above plinth level upto floor two level | Per floor per cu.m | 226.60 |
| 07007A | 7.2 | Extra for additional lift in superstructure above floor two level. | Per floor per cu.m | 27.48 |
| 07008A | 0 | White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:1.5 (1-Lime putty : 1.5-finesand) including packing the joints etc. complete. | cu.m | 3385.99 |
| 07009A | 0 | White Stone Bela mesonry work in partition walls upto 15 cm thickness in cement Mortar 1:4 (1- Cement : 4- course sand) | Sqm | 443.95 |
| 07010A | 0 | White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:5 (1-Cement :5- course sand) including packing the joints etc. complete. | cu.m | 4180.67 |
| 07011A | 0 | White Stone Bela mesonry block in course in superstructure with stone of approved quality in Lime Mortar 1:6 (1-Cement : 6- course sand) including packing the joints etc. complete. | cu.m | 4114.20 |
| 07012A | 7.75 | Precast concrete block masonry (including quoin blocks jamb blocks closer etc.) with solid concrete blocks of approved size made of cement concrete 1:3:6 mix (1- Cement : 3 coarse sand: 6- graded stone aggregates of 20 mm and down grade) in foundation and plinth cement mortar 1:6 | cu.m | 2744.50 |
| 7013 | 7.93 | Extra for masonry work with precast concrete block in superstructue above plinth upto floor two level. | cu.m | 181.50 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 07014A | 7.82 | Precast concrete block masonry in partition walls 10 cm. thick with solid block of approved size (including quion blocks Jamb blocks closer etc.) made of C.C.1:3:6 (1- Cement : 3- coarse sand : 6 graded stone aggregates 20 mm and down grade) (A) in C.M. 1:4. | Sqm | 517.00 |
| 7015 | 0 | Providing and laying hollow block masonry 90 mm thick using hollow concrete blocks IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plinth preparing grading the joints incl. the cost of scaffolding and curing etc. (A) Block masonry in 1:1:8 cement lime mortar | Sqm | 300.30 |
| 7016 | 0 | Providing and laying hollow block masonry 140 mm thick using follow blocks masonry IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the joints ind. the cast of seaffolding and quiring etc . (A) Block masonry in 1:1:8 cement lime mortar | Sqm | 375.10 |
| 7017 | 0 | Providing and laying hollow block masonry 190 mm thick using follow blocks masonry IS 2185 (Part-I) grade B (5.0) with Cement Mortar 1:4 laying in perfect line level and plint propering groding the joints ind. the cast of seaffolding and quiring etc (A) Block masonry in 1:1:8 cement lime mortar | Sqm | 430.10 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------------------------|--------------------|---|------|---------------------|
| CHAPTER- 9 FORM WORK | | | | |
| 09001AA | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (A) Foundations Footings Bases of Columns etc. and Mass concrete. | Sqm | 114.45 |
| 09001B1A | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floors slabs Landings and the like. (1) Floors etc. upto 200 mm in thickness. | Sqm | 168.00 |
| 09001B2A | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. Height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (B) Flat surfaces such as soffits of suspended floor roof slabs Landings and the like. (2) Floors etc. above 200mm in thickness. | Sqm | 180.60 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 09001CA | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (C) Vertical surface such as walls (any thickness) partitions and the like including attached buttresses & string course & the like. | Sqm | 153.30 |
| 09001G1A | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns Pillars Posts and struts. (1) Square Rectangular Polygonal in plan. | Sqm | 198.45 |
| 09001G2A | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (G) Columns Pillars Posts and struts. (2) Circular or curved in Plan. | Sqm | 281.40 |
| 09001H1A | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (1) Sides and soffits of Beams Beam Haunchings cantilevers Girders Bressumers and Lintels not exceeding 1 M. in Depth. | Sqm | 128.10 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 09001H2A | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (H) (2) Sides and soffits of Beams Beam Haunchings canti-levers Girders Bressumers and Lintels exceeding 1M.in Depth. | Sqm | 173.25 |
| 09001IA | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (I) Edges of slabs and Breaks in floors and walls. | Sqm | 45.15 |
| 09001KA | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (K) Small surfaceassuch as cantiever brackets and ends of steps caps and basses to pilasters and Columns and the like. | Sqm | 403.20 |
| 09001LA | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (L) Chullah Hoods, weather shades Chhajjas Corbels etc. including edges. | Sqm | 103.85 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 09001MA | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (M) Staircase with sloping or stepped soffits including risers and stringers excluding landing. | Sqm | 161.70 |
| 09001QA | 9.1 | Providing formwork of ordinary timber planking so as to give a rough finish including centering shuttering strutting and propping etc. height of propping and centering below supporting floor to ceiling not exceeding 4 M. and removal of the same for in situ reinforced concrete and plain concrete work in. (Q) Vertical fins and vertical sun breakers. | Sqm | 255.15 |
| 09002AA | 9.2 | Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .O M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (i)Height more than 4.0 M.and upto 5.0 M. | Sqm | 271.95 |
| 09002BA | 9.2 | Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .O M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (ii) Height more than 5.0 M.and upto 6.0 M. | Sqm | 529.20 |
| 09002CA | 9.2 | Extra for additional height of propping and centering where the height of propping and centering exceeds 4 .O M between supporting floor to ceiling including temporary brick or stone pillars for supporting as required. (iii) Height more than 6.0 M. and upto 7.0 M | Sqm | 382.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 09003AA | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (A) Foundations, Footings, Bases of Columns etc. and Mass concrete | Sqm | 70.35 |
| 09003B1A | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B) Flat surfaces such as soffits of slabs Landings and the like. (1) Floors etc. upto 200mm in thickness. | Sqm | 70.35 |
| 09003B2A | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (B) Flat surfaces such as soffits of slabs Landings and the like. 2) Floors etc.above 200mm in thickness. | Sqm | 70.35 |
| 09003CA | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (C) Vertical surface such as walls (any thickness) partitions & lime including attached pilasters buttresses plinth & string course & like. | Sqm | 70.35 |
| 09003G1A | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (1) Square, Rectangular or polygonal in plan. | Sqm | 70.35 |
| 09003G2A | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (G) Columns, Pillars, Posts and struts. (2) Circular or curved in plan | Sqm | 70.35 |
| 09003H1A | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H)(1) Sides and soffits of Beams, Beam Haunchings cantilevers Girders, Bressumers and Lintels not exceeding 1 M. in Depth. | Sqm | 70.35 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 09003H2A | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (H) (2) Sides and soffits of Beams, Beam Haunchings cantilevers Girders, Bressumers and Lintels exceeding 1 M. in Depth. | Sqm | 70.35 |
| 09003IA | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (I) Edges of slabs and Breaks in floors and walls. | Sqm | 70.35 |
| 09003KA | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (K) Small surfaceas such as centilever endsnBrackets and end of steps caps and basses to pilasters and Columns including edges. | Sqm | 70.35 |
| 09003LA | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (L) Chullah Hoods weather Shades Chhajjas Corbels etc. and the like. | Sqm | 70.35 |
| 09003MA | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (M)Staircase with sloping or stepped soffits including sisers and stringers excluding landing. | Sqm | 70.35 |
| 09003QA | 9.7 | Extra for Providing formwork with sheathing steel sheets so as to give a fair finish in (Q)Vertical fins and vertical sun breakers. | Sqm | 70.35 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--|--------------------|--|--------------|---------------------|
| CHAPTER- 10 WOOD WORK & JOINERY | | | | |
| 10001A | 10.1 | Providing wood work in frames of Doors, windows cleare story windows and othersimilar works wrought, framede and fixed in position. (A) Indian Teak Wood | 10 Cu.Dm. | 692.46 |
| 10002A | 10.4 | Providing wood work in Trusses, Purling, Rafter, Post,Post Plates, wall plates and the like wrought framed, hoisted and fixed in position | 10 Cu.Dm. | 959.70 |
| 10003A | 10.5 | Providing wood work in frames of false-ceiling, partitions etc sawn and put up in position. (A) Indian Teak Wood | 10 Cu.Dm. | 725.02 |
| 10004AA | 10.12 | Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws.(A) Indian Teak Wood (1) Fully Panelled | Sqm | 3227.70 |
| 10004BA | 10.12 | Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood (ii) Fully Glazed. | Sqm | 2380.35 |
| 10004CA | 10.12 | Providing and fixing 35 mm thick shutters for Doors, windows and clear story windows including anodised alluminium butt hinges with necessary screws. (A) Indian Teak Wood(iii) Partly panelled and partly glazed. | Sqm | 2803.50 |
| 10005AA | 10.13 | Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. | Sqm | 3157.35 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 10005BA | 10.13 | Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. | Sqm | 2311.05 |
| 10005CA | 10.13 | Providing and fixing 35 mm thick shutters for Doors, windows and clearstory windows including blackenamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. | Sqm | 2734.20 |
| 10006AA | 10.15 | Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. | Sqm | 2436.00 |
| 10006BA | 10.15 | Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. | Sqm | 1904.70 |
| 10006CA | 10.15 | Providing and fixing 25 mm thick shutters for cupboards etc. including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. | Sqm | 2170.35 |
| 10007AA | 10.16 | Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (i) Fully Panelled. | Sqm | 2425.50 |
| 10007BA | 10.16 | Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (ii) Fully Glazed. | Sqm | 1893.15 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 10007CA | 10.16 | Providing and fixing 25 mm thick shutters for cupboards etc. including black enamelled M.S. butt hinges with necessary screws. (A) Indian teak wood. (iii) Partly panelled and partly glazed. | Sqm | 1989.75 |
| 10008A | 0 | Add extra for providing and fixing 40 mm thick shutters instead of 35 mm thick shutters. | Sqm | 237.19 |
| 10009AA | 10.23 | Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (A) Plywood sheet panels. | Sqm | 2699.55 |
| 10009BA | 10.23 | Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (B) Particle board panels | Sqm | 2672.25 |
| 10009CA | 10.23 | Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (C) Hard board panels. | Sqm | 2648.10 |
| 10009DA | 10.23 | Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including anodised alluminium But hinges with necessary screws and indian teak wood shutters with. (D) Asbestos sheet panels. | Sqm | 2659.65 |
| 10010AA | 10.24 | Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (A) Plywood sheet panels. | Sqm | 2633.40 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 10010BA | 10.24 | Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (B) Particle board panels | Sqm | 2605.05 |
| 10010CA | 10.24 | Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws. (C) Hard board panels. | Sqm | 2581.95 |
| 10010DA | 10.24 | Providing and fixing 35 mm thick panelled ,glazed or panelled and glazed shutters, for Doors windows and clearstory windows including black enamelled M.S. But hinges with necessary screws . (D) Asbestos sheet panels. | Sqm | 2591.40 |
| 10011 | 10.3 | Provoding and fixing flush door shutters, solid core construction with frame of first class hardwood with cross board and face veneer or plywood face panels, including anodised alluminium butt hinges with necessary screws. (B) Non-decorative type and block board core anodised alluminium butt hinges in flush door shutters (2) 35 mm thick. | Sqm | 1780.80 |
| 10012 | 10.37 | Extra for using bright finished M.S. piano hinges of (A) Nickel plated piano hinges. | Sqm | 623.70 |
| 10013 | 10.39 | Extra for providing vision panel not exceeding 0.1 Sq.M. in all types of flush doors. (A) Rectangular or Square. | Sqm | 16.07 |
| 10014A | 10.5 | Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including anodised alluminium butt hinges with necessary screws. (A) Indian teak wood. | Sqm | 2000.25 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 10015A | 10.5 | Providing and fixing 30 mm wire gauge shutters using galvanised M.S. wire of I.S. gauge designation of 85 G. with wire of 0.56 mm dia,for Doors, windows and clearstory windows including bright finished or/ and black enamelled M.S. butt hinges with necessary Mango wood or equivalent quality. | Sqm | 1036.35 |
| 10016 | 10.5 | Extra for providing and fixing galvanised M.S wire gauge of I.S. gauge designation 140 G,to 000 Rs. windows and cleastory windows with wire of dia 0.71 mm instead of I,S,gauge designation 85 G.with wire of dia.0.56 mm. | Sqm | 34.12 |
| 10017 | 10.7 | Providing and fixing 12 mm thick and 100mm wide pelmet of flat pressed 3 layer neneed particle board solid core with 25 mm diametre alluminium curtain Road and brackets including fixing with 25mm x 3mm M.S flat 10cm,long and plugs etc.complete. | Rmt | 153.30 |
| 10018A | 10.8 | Providing and fixing 40mm panelled, Glazed or panelled and glazed partitions fixed to frames with iron scews etc. complete with indian teak wood (Frames tobe paid separately) | Sqm | 2602.95 |
| 10019A | 10.9 | Providing and fixing Decorative plywood 4mm thick in partitions including fixing to frames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately) | Sqm | 637.35 |
| 10021A | 10.9 | Providing and fixing in partitions 4mm thick medium hard board of approved quality including fixing to fames with screws etc, complete with 50mm x 12mm teak wood beading (Frames tobe paid separately) | Sqm | 344.40 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 10022A | 11 | 25 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances but not exceeding 75 cm. apart with Mango wood or equivalent quality. | Sqm | 1415.22 |
| 10023A | 11 | 40 mm thick wooden shelves supported on 40 x 40mm x 6 mm T or L iron brackets fixed at suitable distances not exceeding 75 cm. apart with Mango wood or equivalent quality. | Sqm | 1868.89 |
| 10024A | 11 | Providing and fixing M.S. round or square bars with M.S.flats at required spacing in wooden frames of windows and clerestory windows. | kg | 46.94 |
| 10025AA | 10.1 | Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws (A) Plain Grill. | kg | 66.78 |
| 10025BA | 10.1 | Providing and fixing M.S. grills of required pattern to wooden frames of windows etc. with M.S. flats at required spacings and frame around, square or round bars with round headed bolts and nuts or by screws. (B) ORNAMENTAL GRILL | kg | 95.76 |
| 10026A | 10.1 | Providing and fixing hard drawn steel wire fabric 75mm x 25mm mesh or weight not less than 7.75 kg. per Sq.M. to window frames etc. including 60 x 20mm beading of teak wood. | Sqm | 707.70 |
| 10027A | 10.1 | Providing and fixing Fly proof galvanised M.S. wire gauge of I.S.l gauge designation 85 G. with wire of dia.0.56 mm to windows and celevating windows including 60 x 20mm beading of teak wood. | Sqm | 594.30 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 10028A | 10.1 | Providing and fixing first class indian teak wood 75mm x 60mm moulded hand rails in straight lengths complete. | Rmt | 553.02 |
| 10029AA | 0 | (i) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. | Sqm | 3690.75 |
| 10029BA | 0 | (ii) Providing and fixing glazed louvered glass windows and ventilators with teak wood frame 10cm. x 7cm. size including 3 coats of oil painting to wood work etc.complete. with wooden louvers plank 12mm thick | Sqm | 4065.60 |
| 10030A | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed. | Sqm | 4026.19 |
| 10030B | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled. | Sqm | 4821.11 |
| 10030C | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed. | Sqm | 4423.65 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 10031A | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed. | Sqm | 3973.20 |
| 10031B | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled. | Sqm | 4820.55 |
| 10031C | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 10 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed. | Sqm | 4396.35 |
| 10032A | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed. | Sqm | 4248.06 |
| 10032B | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled. | Sqm | 5042.98 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 10032C | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including anodized alluminium fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed. | Sqm | 4645.52 |
| 10033A | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (i) Fully Glazed. | Sqm | 4150.70 |
| 10033B | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (ii) Fully Panelled. | Sqm | 5042.98 |
| 10033C | 0 | Providing and fixing 35 mm thick shutters for Doors, windows and clerestory windows including Indian teak wood frames 12 cm x 7 cm. size including black enamelled iron oxidized fixtures and fastenings including primer coat of approved quality and two coats of oil painting etc, complete. (iii) Partly panelled and partly glazed. | Sqm | 4645.52 |
| 10034 | 0 | Add extra for providing and fixing 40mm thick shutters instead of 35 mm thick shutters including oil paining etc. complete. | Sqm | 203.70 |
| 10035 | 0 | Deduct for providing and fixing 25mm thick shutters instead of 35 mm thick shutters including oil paining etc. complete. | Sqm | 396.90 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 10036 | | Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter with wood grain raised paneled design finish shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with fastener sleeve & alluminium fixtures & fastenings. | Sqm | 4749.00 |
| 10037 | | Providing and fixing FRP frame size 100x50 mm and 28mm thick FRP depress panel shutter having extra reinforcement on sides & edges in Gel coat finish. The core of the shutter & frame is to be filed up with injected fire retardant grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures & fastenings & fastener sleeve. | Sqm | 4220.00 |
| 10038 | | Providing and fixing FRP frame size 125x65 mm and 35mm thick FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve. | Sqm | 5428.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 10039 | | Providing and fixing FRP of 28mm thick Fibre Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in depressed panel design having extra reinforcement on sides & edges & in Gel coat finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve. | Sqm | 2945.00 |
| 10040 | | Providing and fixing FRP of 35mm thick Fiber Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in depressed panel design having extra reinforcement on sides & edges & in Gel coat finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole FRP frame & shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium fixtures & fastenings. | Sqm | 3115.00 |
| 10041 | | Supply of 35mm thick Fiber Glass shutter with 1.5 to 2.0 mm thick fire retardent grade FRP skin in wood grain rasied panel design having extra reinforcement on sides & edges & in polish design finish. The core of the shutter is to be filled up with injected retardent grade polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fintures. The whole shutter is to be water proof ,weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S finish fixtures & fastenings. | Sqm | 3755.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 10042 | | <p>Providing and fixing windown shutter of 75x30 mm size with 4mm fully glazed panels with PVC batten main frame size having 1.5 to 2.0 mm thick fire retardent grade FRP shutter having extra reinforcement on sides & edges in polish finish. The core of the shutter & frame is to be filed up with injected polyurethane foam done in situ alongwith embedded wooden pieces for stiffening & also taking hinges & fixtures. The whole FRP frame & shutter is to be water proof weather proof, termite proof & resistance to mild acid/alkali. Rates are to be inclusive of S.S hinges with necessary screws & alluminium S.S fixtures & fastenings & fastener sleeve.</p> | Sqm | 4781.00 |
| 10043 | | <p>Providing and fixing 30mm thick FACTORY MADE SOLID PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15 mm for top and bottom rails. M.S. frame shall have a coat of steel primers of approved make and manufacture, M.S. frame shall be covered with 5 mm thick heat moulded PVC 'C' channel of size 30 x 50 mm forming stiles, and 5mm thick 75mm wide PVC sheets for top rail, lock rail and bottom rail on either side, and 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, Panelling of 5 stiles and rails with 30mm wide x 5mm thick PVC sheet beading on either side, and joined together with solvent cement adhesive,. An additional 5mm thick PVC strip of 20mm width is to be stulk on the interior side of the 'c' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.</p> | sqm | 1632.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 10044 | | <p>Providing and fixing 30mm thick FACTORY MADE SOLID BOTH SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, top and bottom rails. M.S. frame shall have a coat of steel primer of approved make and manufacturer. M.S frame covered with 5mm thick heat moulded prelam PVC 'C' channel of size 30mm thickness, 70 mm width of which 50mm shall be flat and 20mm shall be tapered in 45 degree Angle on either side forming stiles, and 5mm thick, 95mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered in 45 degree on the inner side to form top and bottom rail and 115mm wide prelam PVC sheet out of which 75mm shall be flat and 20mm shall be tapered on both side to form lock rail, Top, bottom and lock rails shall be provided either side of the panel. 10mm (5mm x 2) thick 20mm wide cross PVC sheet shall be provided as gap insert for top rail and bottom rails. Panelling of 5mm thick both side prelam PVC sheet to be fitted in the M.S. frame welded, sealed to the stiles and rails with 7mm (5mm + 2 mm) thick x 15mm wide PVC sheet beading on inner side, and joined together with solvent cement adhesive. An additional 5mm thick PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent adhesive etc. complete as per direction of Engineering in charge, manufacturer's specification and drawing.</p> | sqm | 2214.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 10045 | | <p>Providing and fixing 30mm thick FACTORY MADE SOLID SINGLE SIDE PRELAM PANEL PVC DOOR SHUTTER consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles, and 15mm x 15mm for top and bottom rails. The M.s. frame shall have coat of steel primers of approved make and manufacture. The M.S. frame shall be covered with 5mm thick heat moulded single side prelam PVC 'C' channel of size 30 x 50mm to form stiles and 5mm thick and 75mm wide single side prelam PVC sheets shall be for the top, bottom and lock rails. Paneling of 5mm thick one side prelam sheet to be fitted in the M.S. frame and sealed to the front (Prelam side) stiles and rails (which should have a 5mm 45 degree bent portion as beading) and attached to the back (white/ivory) stiles and rails (which should have a 10mm 90 degree bent portion as beading) using 2 nos. 15mm wide x 5mm thick PVC sheet beading inside the 9 degree bent beading. All stiles, rails and beading to be joined to the panel using solvent cement. An additional 5mm thick PVC strip of 20mm width is to be struck on the interior side of the 'C' channel using PVC solvent adhesive and 10mm thick (5mm x 20) thick 20mm width cross PVC sheet to be fitted as gap insert for top and bottom rails, etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.</p> | sqm | 2003.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 10046 | | <p>Providing and fixing 30mm thick FACTOR MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19m gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottom rails M.S. frame shall have a coat of steel primer of approved make and manufacture, M.s. frame shall be covered with 5mm thick heat moulded PVC 'C' channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door forming stiles. For top rail and bottom rail, M.S. frame shall be covered with 5mm thick, 100mm wide PVC sheet out of which 10mm shall be bent of 90 degree tovars inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 10mm on both the edges shall be bent at 90 degree on front face of the door and 75mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on side of door, 5mm thick 20mm wide cross</p> <p>PVC sheet as gap insert for tp and bottom rail.PVC sheet beading of 15mm thck (5mm x 30, 15mm wide to be stuck, internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face and 15mm x 10mm 'L' shape outer beading nailed on stiles and rails at the back side. So that the 'L' shape PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of Engineer in charge and manufacture's specification.</p> | sqm | 2013.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 10047 | | <p>Providing and fixing 30mm thick factory made wire guazed solid PVC Door shutter consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 19mm x 19mm for stiles and 15mm x 15mm for top, lock and bottm rails, M.S. frame shall have a coat of steel primers of approved make and manufacture, 19mm x 19mm M.S. square tubes shall be coveed with 5mm thick head mouled PVC 'C' channel of size 30mm thickness, 90mm width out of which 75mm shall be flat and 15 mm shall be bent in 90 degree angle on either side forming stiles and 5mm thick 115mm wide PVC sheet out of which 100mm shal be flat and 15mm shal be betn in 90 degree on the inner side to from top and bottom rails and 130mm wide PVC sheet out of which 100mm shal be flat and 15mm shal be bent in 90 degree on both side to from lock rail 10mm (5mm x 2) thick, 20mm wide cross PVC sheet as gap insert for top rail and bottom rail, panel will be of G.I. wire gauge of 24 gauge to be fitted in by 'C' channel of size 10mm x 35mm on the either</p> <p>side in the stiles.The inner side 'C' channel is fixed by 19mm x 19mm M.S. tube on both side with screws. The wire mesh in top, bottom and lock rail is sealed with 15mm x 15mm tube with G.I.wire, 1mm (5mmm x 2) thick PVC strip of 25mm width is to be stuck and screw on both side of G.I. wire gauge interior at the top, bottom and lock rails. An additional 5mm thck PVC strip of 20mm width is to be stuck on the interior side of the 'C' channel using PVC solvent cement adhesive etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.</p> | sqm | 1968.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 10048 | | <p>Providing and fixing 35mm thick factory made moulded door shutter consisting of solid core single leaf flush door of 30mm thickness, lipped with 15mm (5mm x 3) thick x 30mm width on one stiles and top rail and 10mm (5mm x 2) thick x 30mm width on the other stiles and bottom rails. The inner panel laminated with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours on one side after routing the moulded design on flush door and 2mm plain and/or prelim PVC sheet on other side using rubber adhesive on flush door and solvent cement adhesive on the PVC liping etc. complete as per direction of Engineer in charge, manufacture's specification and drawing.</p> | sqm | 2131.00 |
| 10049 | | <p>Providing and fixing 30mm thick factory made moulded door shutter wood free consisting of frame made out of M.S. tubes of 19 gauge thickness and size of 25mm x 25mm for stiles, top and bottom rails, M.S. frame shall have a coat of steel primers. The inner panel shall consist of 25mm thick High Density EPS conforming to IS 4671-1984 bonded with 2mm thick termite proof, water proof and fire resistant moulded PVC sheet with 2,4,6 raised panel design in different plain and /or prelim colours after routing the moulded design on one side and 2mm plain and/or prelim PVC sheet on other side of the EPS. The edges of panel to be sealed with lipping of 10mm wide PVC sheet batton (made by sticking 2 PVC rigid foam sheets of 5mm thickness using PVC solvent cement) and stiles 25mm (5mm x 5) thick and 30mm width PVC sheet fitted along M.S. tube for lock provision and for lock height 5mm thick PVC sheet of size 150mm x 100mm fixed with upper and lower face of inner side of EPS panel etc. complete as per direction of Engineer in charge manufacture's specification and drawing.</p> | sqm | 1960.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 10050 | | <p>Providing and fixing factory made polyvinyl chloride (PVC) door frame of the size 50 x 47 mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre out of two corners and joined with 2nos. of 150mm long brackets of 15 x 15mm M.s. Square tubes. The two vertical door profiles are to be reinforced with 19 x 19 mm m.s. square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door frame shall be fixed to the wall using 65/100 mm long M.S. screws through the frame by using PVC fasteners. A minimum of 4 nos. os screws to be provided for each vertical members and minimum 2 nos. for horizontal members etc. complete as per manufactures specification and direction of Engineer in charge.</p> | sqm | 256.00 |
| 10051 | | <p>Providing and fixing of fully glazed solid PVC panel PVC door along with solid PVC door frame. 30mm thick FACTORY MADE FULLY GLAZED SOLID PVC DOOR SHUTTER consisting of frame made out of M.S. tube of 19 gauge thickness and size of 19mm x 19mm for style and 15mm x 15mm for top, lock and bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture. M.S. frame shall be covered with 5 mm thick heat moulded PVC ‘C’ channel of size 75mm x 30mm x 50mm out of which 10mm shall be bent at 90 degree towards inner side on front face of the door. M.S. frame at lock rail shall be covered with 125 mm wide PVC sheet out of which 0mm on both the edges shall be bent at 90 degree on front face of the door and 7mm wide PVC sheet shall cover the M.S. frame at top, lock and bottom rail on back side of door, 5 mm thick 20mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 15mm thick (5mm x3) 15mm wide</p> | sqm | 2463.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| | | to be stuck internally with solvent cement adhesive in stiles and rails. Glass panel will be fitted externally in the clear space available between the stiles and rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face and 15mm x 10mm 'L' shape outer beading nailed on stiles and rails at the back side. So that the 'L' shape PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of Engineer in charge and manufacturer's specification | | |
| 10052 | | Providing and fixing complete sliding shutter solid PVC window 25mm thick factory made glazed solid PVC window shutter consisting of frame made out of M.S. tube of 19 gauge of size 15 x 15mm for styles top, bottom rail. M.S. frame shall have a coat of steel primer of approved make and manufacture, M.S. frame shall be covered with 4mm thick heat moulded PVC 'C' channel of size 58mm x 25mm x 38 mm out of which 8mm shall be bent at 90 degree towards inner side on front face of the window shutter forming stiles. For top rail and bottom rails, M.S. frame shall be covered with 4mm thick, 58mm wide PVC sheet out of which 8mm shall be bent at 90 degree towards inner side on front face and 38mm wide PVC sheet shall cover the M.S. frame at top and bottom rail on back side of window shutter, 4mm thick 15mm wide cross PVC sheet as gap insert for top and bottom rail. PVC sheet beading of 8mm thick (4mm x 2) to be stuck internally with solvent cement adhesive in top and bottom rails. Glass panel | sqm | 2899.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| | | will be fitted externally in the clear space available between stiles & rails and fixed between PVC sheet of stiles and rails bent at 90 degree on front face 12mm x 123mm 'L' shape outer PVC beading nailed on stiles and rails at the back side so that 'L' shape outer PVC beading can be removed when required for replacement of broken glass etc. complete as per direction of etc. complete as per direction of Engineer in charge and manufacture's specification. | | |
| 10053 | | Providing and fixing Plain/Printed PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 mm x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw used to fix the strips to the wall and should be placed vertically at equal intervals of 10" center to center. The PVC strips shall be fixd to the wall using 65mm long M.s. scress through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 A groove of 2mm may be left at the joint of two panel for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall. | sqm | 845.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 10054 | | <p>Providing and fixing Prelam PVC sheet wall paneling of thickness 5mm consisting of panels having size 1220 x 2440 mm stuck on inner frame work of 50mm wide strips of 5mm thick PVC sheet. The strips should have in their center a groove of 6mm width and 1mm depth for sinking the head of the screw using to fix the strips of the wall and should be placed vertically at equal intervals of 10” center to center. The PVC strips shall be fixed to the wall using 65mm long M.S. screws through the groove in the strip by using PVC fasteners. The distance between two screws shall not be more than 200 mm. A groove of 2mm may be left at the joint of two panels for aesthetic looks. The exact size of the panel and correspondingly of the grid may vary depending on the size of the wall.</p> | sqm | 944.00 |
| 10055 | | <p>Providing and fixing full height Prelam PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both sides with 2mm thick prelam PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm with feathered edges shall be fixed on floor and 50 x 75 mm with feathered edges prelam PVC “C” channel of size 50mm x 75mm with feathered edges prelam PVC panel shall be inserted in the PVC “C” channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm. In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75 mm width prelam PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. An additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the “C” channel using PVC solvent adhesive completely as per direction of Engineer in charge. Manufacturer’s specification and drawing.</p> | sqm | 2152.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 10056 | | <p>Providing and fixing full height Plan/colour PVC partition system 50mm thick consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyrene sheet (E.P.S. Thermocol) stuck on both side with 2mm thick plain PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. In between two M.S. angles 4 mm thick plan heat moulded PVC 'C' channel of size 50mm x 100 mm with feathered edes shall be fixed on floor and 50 x 75 mm with feathered edges plain/printed/prelim PVC 'C' channel shall be fixed in the ceiling. Sandwich PVC panel shall be inserted in the PVC "c" channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm. In between adjoining EPS sandwiched PVC partition panel 4mm thick x 75mm width plain PVC sheet feathered at edges shall be stuck on front and back face using solvent cement etc. And additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive complete as per direction of Engineer in charge,</p> | sqm | 1783.00 |
| 10057 | | <p>Providing and fixing full height Printed PVC partition system 50mm thick PVC partition consisting of 40mm sandwich PVC panel made out of 36mm high density expanded polystyred shet (EPS Thermocol) stuck on the both side with 2mm thick printed PVC sheet reinforced with frame work made from 35mm x 5mm M.S. angle. IN between two M.S. angles 4mm thick printed heat moulded PVC C channel of size 50mm x 100mm with feathered, edges shall be fixed on floor and 50 x 75 mm with feathered edges printed PVC C channel shall be fixed in the ceiling, Sandwich PVC panel shall be inserted in the PVC C channel. The first and last M.S. angle should be erected such that it is inside a PVC C channel of size 50 x 75mm In between adjoining EP sandwiched PVC partition panel 4mm thick x 75mm width printed PVC sheet feathered at edges shall be suck on front and back face using solvent cement. If the height</p> | sqm | 1902.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| | | of partition exceeds 8 feet; then 15mm x 30mm M.S. tube is welded horizontally at the joint of panels in between two vertical angels etc. An additional 4mm thick PVC strip of 40mm width is to be stuck on the interior side of the C channel using PVC solvent adhesive complete as per direction of Engineer in charge, manufactures. | | |
| 10058 | | Providing and fixing PVC plain colour false ceiling with grid type with alu frame consisting of 600 mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1” x 1” (25 x 25mm, 19 gauge or 1mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm). The alluminium frame work is supported from the ceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles et. Complete as per direction of Engineer in charge. Manufactures, specification and drawing | sqm | 722.00 |
| 10059 | | Providing and fixing PVC Printed pain colour false ceiling with grid type with alluminium frame consisting of 600mm x 600mm 3mm thick plain PVC sheet used as panel insert in a frame work made using anodized alluminium T section of size 1 x 1 (235 x 25mm, 19 gauge or 1 mm thick) in square pattern of grid sizes of 2 x 2 (600 x 600mm) The alluminium frame work is supported from the cceiling with the help of G.I. hook and G.I. wire/6mm M.S. rods of required sizes to maintain proper level etc. The aluminium frame work is supported on side wall with the use of alluminium L section of size 1 x 1 (25 x 25mm) angles etc. complete as per direction of Engineer in charge. Manufactures specification and drawing. | sqm | 766.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 10060 | | <p>Providing and fixing PVC plain colour false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36” each and then U section is fixed perpendicular on C section with steel screws at an equal distance of 16” each. The complete frame work is supported by G.I. L angle 6mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide and fixed with counter sunk steel screw on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, ceiling for getting fine surface finish etc. complete as per direction of Engineer in charge, manufacturer’s specification and drawing.</p> | sqm | 858.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|---------------------|---------------------|
| 10061 | | Providing and fixing PVC printed false ceiling with flush type with alluminium frame, frame work is done with three different sections of G.I. sheet of 24 gauge thickness named as C, U and L. The C section is fixed with hangers at an equal distance of 36” each and then U section is fixed perpendicular on C section with steel screws at and equal distance of 16” each. The complete frame work is supported by G.I. L angle/6 mm rod hangers from the roof and L sections is fixed all around the wall as shown in the diagram. 5mm PVC sheet strips of size 2 wide are fixd with counter sunk steel screws on the U section. Further 3mm PVC sheet is stuck to these PVC strips with solvent cement such that joining lines are perfectly matched. P.U. putty is filled, dried and leveled and requisite coats of primer and paint is done on the ceiling for getting fine surface finish etc. complete as per direction of Engineering and charge manufacturer’s specification and drawing | sqm | 902.00 |
| 10062 | | Extra rate for using polyester fiber (12mm) with triangular of equivalent cross section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in concrete of any grade at the rate of 125 gms per 50 kg of Cement consumption. | 1 Packet of 125 gms | 26.00 |
| 10063 | | Extra rate for using polyester fiber (6mm) with triangular cross of equivalent section with specific gravity 1.35 to 1.40 (as a secondary reinforcement) in mortar of any grade at the rate of 125 gms per 50 kg of cement consumption. | 1 Packet of 125 gms | 26.00 |
| 10064A | | Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes (A) 10mm to 16mm dia bar | M.T | 10062.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 10064B | | Providing fusion bonded Epoxy coating not less than 175 micron thickness and up to 300 micron to reinforcement bars as per IS-13620-1993/ASTM-775 M including testing of coating at plant and all taxes (B) 20mm to 32 mm dia bar | M.T | 7224.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|---|--------------------|---|------|---------------------|
| CHAPTER- 11 STEEL ALUMINUM & IRON WORK | | | | |
| 11001AA | 11.2 | Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A) In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like. | q | 5551.35 |
| 11001DA | 11.2 | Steel work, riveted in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M ovarall height. | q | 6035.40 |
| 11002AA | 11.4 | Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (A)In beams and joists, channels angles Tees, flats, with connecting plates or angle cleats as in main and cross beams. Hip and jack rafters, purlins conneted to common rafters and the like | q | 5553.45 |
| 11002DA | 11.4 | Steel work, welded in built up sections framed work including cutting, hoisting, fixing in position and applying a priming coat of red lead paint. (D) In trusses and trussed purlins, upto 25 M. span and 15 M. ovarall height. | q | 5591.25 |
| 11003A | 11.6 | Providing and fixing in position collapsible steel shutters with vertical channels 20 x 10 x 2 mm braced with flat iron diagonals 20 x 5 mm size with top and bottom rails of T_rin 40x 40 x 6 mm with 38mm dia, steel pulleys complete with bolts, nuts, locking arrangements, stoppers handles including applying a priming coat of red lead paint. | q | 3594.15 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 11004A | 11.7 | Providing and fixing 1mm thick M.S. sheet sliding shutters with frame and diagonal braces of 40 x 40 x 6 mm angle iron, 3.15 mm M.S. gusset plates at Junctions and corners 25 mm dia. pulley, 40 x 40 x 6mm angle and T-iron guide rail at top and bottom respectively with handles, stoppers and locking agangement etc, including applying a priming coat of red lead paint. | Sqm | 2625.00 |
| 11005A | 0 | Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete.(A) Shutters having width below 3.5 M. | Sqm | 2975.70 |
| 11005B | 0 | Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation including the cost of hood cover and spring etc. complete. (B) Shutters having width 3.5 M. and above | Sqm | 3316.95 |
| 11006A | 11.9 | Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation complete but excluding the cost of hood cover and spring. (A) Shutters having width below 3.5.M. | Sqm | 2877.33 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|-----------|---------------------|
| 11006B | 11.9 | Providing and fixing rolling shutters of approved make made of 80 mm wide M.S. laths inter-locked together through their entire length and jointed together at the ends by end locks mounted on specially designed pipe shaft with bracket plates, guide channels and arrangements for inside and outside locking with push-pull operation complete but excluding the cost of hood cover and spring. (B) Shutters having width above 3.5 M. | Sqm | 4031.56 |
| 11007 | 11.1 | Providing and fixing 27.5 cm. long wire spring grade No.2 of approved make for rolling shutters. | Each | 744.48 |
| 11008A | 11.11 | Providing and fixing Hood cover for rolling shutters (A) Shutters having width below 3.5 meters | Rmt | 153.62 |
| 11008B | 11.11 | Providing and fixing Hood cover for rolling shutters (B) Shutters having width 3.5 meters and above | Rmt | 160.61 |
| 11009 | 11.14 | Fixing standard steel Doors, windows and ventilatos inwalls with 16 x 3.15 mm longs 10 cm. long embeded in Cement Concrete block 15 x 10 x 10 of 1:3:6 (1- Cement : 3-coarse sand : 6-graded stone aggregate of 20mm size) cost for supply of door/ window/ ventilators shall be paid separately. | Sqm | 157.50 |
| 11010 | 11.2 | Providing and fixing M.S. Fan clamps type 1 to 16mm dia M.S. bar bent to shape with hooked ends to R.C.C. slabs curing, laying including painting the exposed portion of loops, all as per standard design complete. | Each | 83.16 |
| 11011 | 11.21 | Extra over rate of item 11.20 for providing and fixing M.S. fan clamps type-II as per standard design in R.C.C. beams during laying towards additional height of the clamp due to beam rib. | Cm Height | 0.95 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 11012 | 11.23 | Providing and fixing M.S. round holding down or anchor bolts with nuts and washer plates complete. | Kg | 39.27 |
| 11013 | 0 | Providing and fixing EZ-7 section door/window frame including welding and fixtures fastenings including 3 coats of approved enamel oil paint etc complete. | Sqm | 480.90 |
| 11026 | | Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 127mm x 38.10mm x 1.35mm @wt. 1.384kg/m, horizontal Four track member size 122.20mm x 31.75mm x 1.10mm@ wt 1.205 kg/m, vertical member of size 122.20mm x 31.75mm x 1.50mm @1.398 kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm@ 0.456kg/mt ,vertical member of size 40mm x 18mm x 1.29mm @ 0.456 kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window. | Sqm | 2500.62 |
| 11027 | | Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 95mm x 24mm x 1.17mm @ wt.of 0.738 Kg/mt , horizontal Three track member size 92mm x 31.75mm x 1.30mm,@ Wt.1.07 Kg/mt , vertical member of size 92mm x 31.75mm x 1.50mm @ Wt. 1.06 Kg/mt with sliding shutters of horizontal member size 40 mmx18mm x1.29mm @ wt.of 0.456 Kg/mt, vertical member of size 40mm x 18mm x 1.29 mm @ wt.of 0.456Kg/mt/ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc | Sqm | 1850.59 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 11028 | | Providing and fixing window having extruded aluminum Colour anodized section frame main outer size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt.of 0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, @ Wt. 0.457 Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window. | Sqm | 2002.17 |
| 11029 | | Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm @ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window | Sqm | 1520.96 |
| 11030 | | Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm @ Wt. 0.643 Kg/mt with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation | Sqm | 1373.45 |
| 11031 | | Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094Kg / Rmt with colour anodized alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window. | Sqm | 1781.71 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 11032 | | Providing and fixing extruded aluminum window having extruded aluminum Colour Powder Coated section frame main outer size 127mm x 38.10mm x 1.35mm ,@ Wt.1.384 Kg/mt,horizontal Four track member size 122.20mm x 31.75mm x 1.10mm @ Wt. 1.205 Kg/mt,vertical member of size 122.20mm x 31.75mm x 1.50mm ,@ Wt. 1.398 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt,vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt,@ with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window. | Sqm | 2500.62 |
| 11033 | | Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 95mm x 24mm x 1.17mm @ wt.of 0.738 Kg/mt, horizontal Three track member size 92mm x 31.75mm x 1.30mm @ Wt.1.07 Kg/mt, vertical member of size 92mm x 31.75mm x 1.50mm ,@ Wt. 1.06 Kg/mt with sliding shutters of horizontal member size 40 mmx18mm x1.29mm @ wt.of 0.456 Kg/mt, vertical member of size 40mm x 18mm x 1.29 mm @ wt.of 0.456Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc | Sqm | 1859.84 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 11034 | | Providing and fixing window having extruded aluminum Colour Powder Coated section frame main outer size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094 Kg / Rmt, horizontal two track member size 61.85 mm x 31.75 mm x 1.20mm @ wt.of 0.695 Kg/mt, vertical member of size 61.85 mm x 31.75mm x 1.30 mm @ wt.of 0.0.659 Kg/mt with sliding shutters of horizontal member size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt, vertical member of size 40mm x 18mm x 1.29mm @ wt.of 0.456Kg/mt with 5 mm thick transparent bronze colour tinted float glass with powder coated aluminum fittings and fixtures and transparent silicon sealant glass fixing to frame as per details etc complete for window | Sqm | 1992.78 |
| 11035 | | Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm @ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass with colour anodized alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for.window | Sqm | 1508.09 |
| 11036 | | Providing and fixing standared extruded of alluminium section of size 63mm x 38.10mm x 1.2mm , @ Wt. 0.643 Kg/mt with colour Powder Coated alluminium frame for ventilation with 5 mm thick frosted glass as details etc complete for Ventilation | Sqm | 1373.45 |
| 11037 | | Providing and fixing standared extruded of alluminium section of size 63.50 x 38.10 x 1.95 mm,@ Wt 1.094Kg / Rmt with colour Powder Coated alluminium frame with 5 mm thick transparent bronze colour tinted float glass as details etc complete for Fix window. | Sqm | 2141.88 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--------------------------------------|--------------------|---|------|---------------------|
| CHAPTER- 12 BUILDING HARDWARE | | | | |
| 12001 | 12.4 | Fixing Metallic tower bolts of sizes with necessary screws etc. complete (Tower bolts and screws to be paid under separate items) | Each | 33.60 |
| 12002 | 12.5 | Fixing Metallic flush bolts of sizes with necessary screws etc. complete (Flush bolts and screws to be paid under separate items) | Each | 6.72 |
| 12003 | 12.3 | Fixing metallic or plastic door handles of sizes with necessary screws etc. complete (Door handles and screws to be paid under separate items) | Each | 2.42 |
| 12004 | 12.1 | Fixing metallic gate and shutter hooks and eyes of size (Hoks and eyes to be paid under seperate items) | Each | 2.42 |
| 12005 | 11.11 | Fixing metallic door latches of sizes with necessary screws etc. complete (Door latches and screws to be paid under separate items) | Each | 4.41 |
| 12006 | 12.12 | Fixing metallic mortice night latches with necassary screws including making necessary holes in wooden door shutter etc. complete (Mortice night latches and screw to be paid under separate items) | Each | 63.00 |
| 12007 | 12.18 | Fixing metallic ball catchers 10mm dia. (Ball catchers to be paid under separate item) | Each | 5.15 |
| 12008 | 12.2 | Fixing metallic casement window fasteners with necessary screws etc. complete (casement window fasteners and screws to be paid under separate items) | Each | 3.99 |
| 12009 | 12.21 | Fixing metallic casement stays of size with necessary screws etc. complete (casement stays and screws to be paid under separate items) | Each | 3.99 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 12010 | 12.24 | Fixing metallic cup board or wardrobe locks of sizes with necessary screws etc.complete (Locks and screws to be paid separately) | Each | 38.22 |
| 12011 | 12.25 | Fixing metallic or plastic cupboard or handrobe knobs of sizes with necessary screws/ bolts etc. complete (knobs and screws / bolts to be paid separately) | Each | 5.15 |
| 12012 | 12.26 | Fixing metallic floor door stoppers of sizes with rubber cushion screws etc. to suit shutter thickness complete (Floor door stopper with rubber cushion and screws to be paid under separate items) | Each | 2.84 |
| 12013 | 12.28 | Fixing metallic door handles or knobs for mortice locks with necessary screws etc. complete (Door handles /knobs and screws to be paid separately) | Each | 2.42 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|----------------------------|--------------------|--|------|---------------------|
| CHAPTER- 13 GLAZING | | | | |
| 13001A | 13.1 | Providing and fixing sheet glass, selected quality (Type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teakwood and necessary cutting of glass. (1) 5 mm thick. | Sqm | 775.95 |
| 13001B | 13.1 | Providing and fixing sheet glass, selected quality (Type-C) bedded in putty and fixed with wooden beading including the cost of wooden beadings of first class teakwood and necessary cutting of glass. (2) 6 mm thick. | Sqm | 811.65 |
| 13002 | 13.3 | Providing and fixing rough cast wired glass, 6mm thick bedded in putty and fixed with wooden beading including the cost of wooden beadings of Indian teak wood and necessary cutting of glass. (C) Wired - figured glass | Sqm | 659.58 |
| 13003A | 13.5 | Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beadings including the cost of wooden beadings of first-class teak wood and necessary cutting of glass. (3) 3mm thick | Sqm | 720.30 |
| 13003B | 13.5 | Providing and fixing sheet glass ordinary quality bedded in putty and fixed with wooden beadings including the cost of wooden beadings of first-class teak wood and necessary cutting of glass. (4) 4mm thick | Sqm | 733.95 |
| 13004 | 13.7 | Extra for using ground glass (frosted or obscured on one side) instead of plain glass. | Sqm | 29.09 |
| 13005 | 13.11 | Deduct for difference in cost of materials and labour involved in method of glazing if changed in item No. 13 (A) Front and back puttied and sprigged or fixed with glazing pins | Sqm | 301.35 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 13006 | 13.12 | Grinding, Polishing and rounding of edges of glass or glazing sheets. | Rmt | 24.39 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--|--------------------|---|------|---------------------|
| CHAPTER- 14 PAVING & FLOOR FINISHES | | | | |
| 14001AA | 14.2 | Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (A) Dark shade pigment with ordinary cement (In top layer only) | Sqm | 499.80 |
| 14001BA | 14.2 | Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (B) Light shade pigment with white cement (In top layer only) | Sqm | 579.60 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 14001CA | 14.2 | Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (C) Medium Shade pigment with approx 50% white cement and 50% ordinary cement (In top layer only) | Sqm | 540.75 |
| 14001DA | 14.2 | Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (D) White cement without any pigment (In top layer only) | Sqm | 539.70 |
| 14001EA | 14.2 | Providing and laying 40mm thick marble chips flooring rubbed and polished (I.E. terrazo) to granolithic finish with under layer 30mm thick cement concrete 1:2:4 (1-Cement:2-coarse sand :4-graded stone aggregate 10 mm and down gauge) and top layer 10mm thick with white, black or white and blak marble cihps of required sizes from 1mm to 4mm nominal size laid in cement marble powder mix 3:1 (3-Cement : 1-Marble powder by weight) in proportion of 4:7 (4-Cement :7-marble chips by volume) (E) Light Shade pigment with ordinary cement (In top layer only.) | Sqm | 501.90 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 14002AA | 14.4 | Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm thick with white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under layer 14mm thick cement plaster 1:3 (1-cement : 3-coarse sand) (A) Dark shade pigment with ordinary cement (In top layer only) | Sqm | 399.00 |
| 14002BA | 14.4 | Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (B) Light shade pigment with white cement (In top layer only) | Sqm | 450.45 |
| 14002CA | 14.4 | Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (C) Medium shade pigment with appox 50% white cement and 50% ordinary cement (In top layer only) | Sqm | 425.25 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 14002DA | 14.4 | Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominal size laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder by weight) in proportion of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under 14 mm thick layer cement plaster 1:3 (1-cement : 3-coarse sand) (D) White cement without any pigment (In top layer only) | Sqm | 431.55 |
| 14002EA | 14.4 | Providing and laying marble chips skirting (Terrazo) or dedo rubbed, and polished to Granolithic finish top layer 6mm white,black or white and black marble chips of size from smallest to 4mm nominalsize laid in cement marble powder mix 3:1 (3- Cement : 1 marble powder of 4:7 (4-cement marble powder mix : 7-marble chips by volume) 20mm thick with under plaster 1:3 (1-cement : 3-coarse sand) (E) Light shade pigment with ordinary cement(In top layer only) | Sqm | 400.05 |
| 14003AA | 14.16 | Providing and laying cushioning layer on R.C.C. Slab consisting of 75mm thick lime, concrete using brick aggregate of 20mm nominal size mortar compresing of 1-Lime : 2-fine sand) | Sqm | 156.45 |
| 14003BA | 0 | Precast terrzo tiles 22mm thick with white, Black or white and black marble chips of sizes upto 6mm, laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Light shades using white cement | Sqm | 436.80 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 14003CA | 0 | Precast terrzo tiles 22mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Dark shades using ordinary cement | Sqm | 466.20 |
| 14003DA | 0 | Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (1) Light shades using white cement | Sqm | 474.60 |
| 14003EA | 0 | Precast terrzo tiles 27 to 28mm thick with white Black or white and black marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of lime mortar 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of (2) Dark shades using ordinary cement | Sqm | 412.65 |
| 14004AA | 14.19 | Providing and laying precast terrazo tile 20mm thick white,black, white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1:cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(A) Light shades using white cement | Sqm | 480.90 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 14004BA | 14.19 | Providing and laying precast terrazo tile 20mm thick white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of.(B) Medium shades using approx. 50% white cement and 50% ordinary cement | Sqm | 504.00 |
| 14004CA | 14.19 | Providing and laying precast terrazo tile 20mm thick white,black,white and black (or of the colour specified in specification of tender item) marble chips of sizes upto 6mm laid in floors, treads of steps and landings on a bed of 25mm average thickness of Lime mortar 1:1.5(1-Lime putty : 1.5 coarse sand) or C.M. 1:6:(1 - cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of. (B) Dark shades using ordinary cement | Sqm | 453.60 |
| 14005AA | 14.21 | Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (A) Light shades using white cement | Sqm | 560.70 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 14005BA | 14.21 | Providing laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in hieght on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Medium Shades using approx. 50% white Cement and 50% ordinary cement | Sqm | 595.35 |
| 14005CA | 14.21 | Providing and laying precast terrazo tiles 20mm thick with marble chips of sizes. upto 6mm in skirting and risers of steps not exceedings 30 cms. in height on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) jointed with neat cement slurry including rubbing and polishing complete with tiles of. (B) Dark shades using ordinary cement | Sqm | 532.35 |
| 14006AA | 14.25 | Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 -cement :6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (A) Light shades using white cement | Sqm | 571.20 |
| 14006BA | 14.25 | Providing and laying chequered terrazo tiles 22mm thick with marble chips of sizes upto 6mm in floors on 25mm thick bed of Lime mortar 1:1.5 (1-Lime putty : 1.5 coarse sand) or C.M. 1:6 (1 - cement : 6 - coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of the tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement | Sqm | 543.90 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 14007AA | 14.27 | Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 (1- cement : 6-coarse sand) jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (A) Light shades using white cement | Sqm | 556.50 |
| 14007BA | 14.27 | Providing and laying chequered terrazo tiles 28mm thick with marble chips of sizes upto 6mm in treads of stairs and staircases in 12mm thick bed of lime mortar 1:1.5 (1-Lime putty :1.5 coarse sand) or C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete. (B) Dark shades using ordinary cement | Sqm | 499.80 |
| 14008AA | 14.29 | Providing and laying white glazed tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. | Sqm | 726.60 |
| 14008BA | 14.29 (B) | Providing and laying Ceramic tiles 6mm thick in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. | Sqm | 696.15 |
| 14008CA | 14.29 (C1) | Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. | Sqm | 799.05 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 14008DA | 14.29 (C2) | Providing and laying Vitrified tiles 8 to 10 mm thick , 36" x 36" in flooring treads of steps and landing laid on a bed of 12mm thick cement mortar 1:3 (1-cement : 3-coarse sand) finishing with flush pointing in white cement. | Sqm | 1321.95 |
| 14009AA | 14.32 | Providing and laying white glazed tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry | Sqm | 696.15 |
| 14009BA | 14.32 (B) | Providing and laying Ceramic tiles 6mm thick in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry | Sqm | 744.45 |
| 14009CA | 14.32 (C1) | Providing and laying Vitrified tiles 8 to 10 mm thick , 24" x 24" in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry | Sqm | 819.00 |
| 14009DA | 14.32 (C2) | Providing and laying Vitrified tiles 8 to 10 mm thick , in skirting risers of steps and dedo on 10mm thick cement plaster 1:3 (1-cement : 3-coarse sand) and jointed with white cement slurry | Sqm | 1326.15 |
| 14010A | 14.34 | Providing and fixing 50mm internal or external angles of glazed tiles | Rmt | 90.20 |
| 14011A | 14.36 | Providing and laying marble stone slab flooring over 20mm (average) base of cement mortar 1:6 (1-cement : 6 coarse sand) or L.M. 1:1.5(1- lime putty : 1.5 - coarse sand) laid and jointed with gray cement slurry including rubbing and polishing complete. (A) Marble slab 25mm thick | Sqm | 1752.45 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 14012AA | 14.43 | Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 (1-Lime putty : 1.5 - coarse sand) laid over and jointed with grey cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. (A) 25mm thick | Sqm | 807.45 |
| 14012BA | 14.43 | Providing and laying polished Kota stone slab flooring over 20mm (Average) thick base of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1.1.5 laid over and jointed with grey cement slurry including rubbing and polishing etc. complete. (B) 30 mm thick | Sqm | 867.30 |
| 14013A | 14.44 | Providing and laying polished kota stone slab 25mm thick in risers of steps,skirting Dedo and pillars laid on 10mm thick cement mortar 1:3 (1-Cement : 3 coarse sand) and jointed with gray cement slurry mixed with pigment to match the shade of slab including rubbing and polishing etc. complete. | Sqm | 932.40 |
| 14014AA | 14.46 | Providing and laying rough chiseled dressed stone flooring over 20mm average thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 (1-Lime putty : 1.5 - coarse sand) including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (A) 25mm thick | Sqm | 441.00 |
| 14014BA | 14.46 | Providing and laying rough chiseled dressed stone flooring over 20mm thick base of cement mortar 1:5 (1-Cement : 5-coarse sand) or L.M. 1:1.5 including pointing with cement mortar 1:2 (1-cement : 2-stone dust) etc. complete. (B) 40mm thick | Sqm | 522.90 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 14015AA | 14.71 | Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (A) 40mm thick. | Sqm | 198.45 |
| 14015BA | 14.71 | Providing and laying cement concrete flooring 1:2:4 (1-cement : 2-coarse sand : 4-graded stone aggregate 20mm nominal size) laid in one layer and finished with a floating coat of neat cement. (B) 50mm thick. | Sqm | 232.05 |
| 14016A | 14.74 | Providing and laying cement concrete pavement (25mm to 50mm thick) with 1:2:4 (1-cement : 2-coarse sand : 4-stone aggregate 20mm nominal size) including finishing with floating coat of neat cement complete. | cu.m | 3662.40 |
| 14017A | 14.81 | Providing and laying precast cement concrete tiles 20mm thick with aggregate of sizes upto 6mm laid on floors, treads of steps and landing on 20mm thick bed of cement mortar 1:6 (1-cement : 6-coarse sand) or L.M. 1:1.5 (1 - Lime putty : 1.5 - coarse sand) jointed with neat cement slurry with pigment to match the shade of tiles complete with precast tiles of (C) Dark shades using ordinary cement | Sqm | 291.90 |
| 14018AA | 14.86 | Providing and laying chequered precast cement concrete tiles 22mm thick with aggregate of sizes upto 6mm in floors, treads of steps and landings on 20mm thick bed of C.M. 1:6 (1-cement : 6-sand) or L.M. 1:1.5(1-Lime putty : 1.5 coarse sand) joint with neat cement slurry with pigments to match the shade of the tiles. | Sqm | 361.20 |
| 14018B | (A) | Extra for rubbing & polishing the precast c.c. tiles for flooring sketing deta. | Sqm | 98.18 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 14019A | 14.9 | Providing and laying brick on edge flooring laid dry grouted with c.M. 1:6 (1 - Cement : 6 - coarse sand) including finishing the joints flush curing etc. complete. | Sqm | 359.10 |
| 14020A | 0 | P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for DARK shade | Sqm | 841.05 |
| 14021A | 0 | P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for antiskit | Sqm | 1052.34 |
| 14022A | 0 | P & L 24" x 24" vitrified 8 mm thick tile flooring over 20 mm (average) base of cement mortar 1:6 (1 cement: 6 coarse sand) on new surface or fixing on existing flooring by adhesive material including dismantling of existing flooring and jointed with color cement slurry including finised with flush pointing & cleaning the surface etc. complete for light shade | Sqm | 785.40 |
| 14023A | 0 | Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M200 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete. | Rmt | 250.95 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 14032 | | Providing and fixing pre-cast concrete kerb stone of gray cement based concrete block 30cm length,30cm height and 15cm thick of M250 grade concret as per approved design and including excavation for fixing in proper line and level,filling the joint with C:M 1:3 (1cement:3fine sand) etc complete. | Rmt | 327.17 |
| 14033 | | Providing and fixing pre-cast Rubber Dye / steel Dye inter locking concrete block 60mm thick with grade of concrete M300 pnumatic compressed / vibrated mechanically and as per approved design Confirming to IS 15658 : 2006 including 35 mm Sand layer for levelling and filling the joint with sand in proper line and level as per guidlines of IRC : SP 63-2018 etc. Complete. | Sqm | 733.18 |
| 14035 | | Providing and laying broken chine mosaic flooring for terrace using 12 mm to 20 mm broken pieces of glazed tiles to be laid over cement mortar 1:3 to plain or slope and to be tempered to bring mortar creme out upto surface using white cement including rounding off junctions and extending them upto 15 cm along the wall,clearing with water and oxalic acid etc. as directed. | Sqm | 502.95 |
| 14036 | | Providing and laying coloured glazed tiles of the size 300 mm x 200 mm x 8 mm / 300 mm x 450 mm x 8 mm in skirting, risers of steps and dedo on 10 mm. thick cement plaster 1:3 (1 cement : 3 coarse sand) & jointed with white cement slurry. | Sqm | 951.30 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|----------------------------------|--------------------|---|------|---------------------|
| CHAPTER- 15 ROOF COVERING | | | | |
| 15001A | 15.1 | Providing corrugated G.I. sheet of class-3 roofing fixed with glavanished iron J or L Hooks, Bolts and nuts 8mm diameter with bitumen and G.I. limpet washer or G.I. limpet washer. filled with white lead complete excluding the cost of purlins, Rafters and Trusses.(1) 0.80 mm thick sheet. | Sqm | 793.10 |
| 15002A | 15.7 | Providing ridges or hips 600 mm overall in plain G.I. sheet class-3 fixed with G.I.J. or L Hooks and nuts 8mm dia G.I. Limpet and bitumen washer complete. (1) 0.80 mm thick sheet. | Sqm | 493.50 |
| 15003A | 15.8 | Providing valleys 900mm overall in plain 1.6mm thick G.I. sheet fixed with G.I. J or L Hooks, Bolts and nuts glavanised iron J or L Hooks Bolts and nuts 8mm dia G.I. Limpet and bitumen washers complete. | Sqm | 966.00 |
| 15005A | 15.1 | Providing and fixing 150mm wide 450mm over all semicircular plain G.I.sheet class-3 gutter with Iron brackets 40mm x 3mm size Bolts, Nuts, washers etc. including making necessary connection with rain water pipes. (i) 0.80 mm thick Sheet. | Sqm | 435.75 |
| 15007 | 15.26 | Filling cement concrete 1:2:4 (1- Cement :2-coarse sand :4-graded stone aggregate 12.5 mm nominal size) in gaps of A.C. sheet corrugation and wings of ridges. | Rmt | 20.20 |
| 15010A | 15.51 | Providing and fixing tiles roofing with manglore tiles including teak reepers of sizes 50mm x 25mm. | Sqm | 172.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 15011A | 15.75 | Providing and fixing five courses water proofing treatment with bitumen felt consisting of second and fourth course of blown / bitumen or/ and residual bitumen applied hot at 1.2 kg.per Sq.M.of area for each course and first course with fibre base bitumen saturated under lay type and third course with fibre base self finished felt type 2 grade 1 and fifth and final course of stone grit 6mm and down size or pea sizes gravel spread at 0.008 Cu. Metre / Sq. metre including preparation of surface excluding grading complete. | Sqm | 329.70 |
| 15012 | 15.87 | Providing and fixing on wall face C.I. Rain water pipe including filling the joints with spun yarn soaked in neat cement slurry and cement mortar 1:2 (1- Cement : 2-fine sand) (A) 75 mm dia. | Rmt | 192.15 |
| 15013 | 15.88 | Providing and fixing M.S Holder bat clamps of approved design to C.I. or S.C.I. pipes embedded in and including cement concrete blocks 100mm x 100mm x 100mm. size of 1:2:4 (1-Cement : 2- coarse sand :4- graded stone aggregate of 20mm nominal size) and cutting holes and making good the wall etc, complete. (A) 75mm dia. | Each | 75.92 |
| 15014 | 15.9 | Providing and fixing and embedding sand, C.I. rain water pipes in the masonry surrounded with 12mm thick cement mortar of the same mix as that of masonry. (A) 75 mm dia pipe. | Rmt | 192.15 |
| 15016A | 15.94 | Providing and fixing for wall plugs and standard holder bat clamps comprising of two semicircular halves of flat iron and cast iron base screwed on wooden plugs. (B) 80 mm dia. | Each | 43.79 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 15016B | 15.94 | Providing and fixing for wall plugs and standard holder bat clamps comprising of two semicircular haves of flat iron and cast iron base screwed on wooden plugs. (C) 100 mm dia. | Each | 49.98 |
| 15019 | | Providing and Fixing 6 mm thick Lexan Polycarbonate multi wall roofing sheet fixed with hilti screw and rubber silicon sealer and alluminium strip of size 50 x 3 mm etc complete as directed by Engineer in charge. | Sqm | 1684.60 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|---|--------------------|--|------|---------------------|
| CHAPTER- 16 CEILING & LINING | | | | |
| 16001AA | 16.3 | Providing and fixing wooden planks ceiling with tounge and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (i) 12mm thick | Sqm | 999.60 |
| 16001BA | 16.3 | Providing and fixing wooden planks ceiling with tounge and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (ii) 20mm thick | Sqm | 1585.88 |
| 16001CA | 16.3 | Providing and fixing wooden planks ceiling with tounge and grooved jointing and wood screws (frame work and cover fillings to be measured and laid for separately) (A) Indian Teak wood (iii) 25mm thick | Sqm | 1944.19 |
| 16002 | 16.3A | Deduct for butt jointing in place of tounge and grooved type joint in item No.16.3 | Sqm | 25.10 |
| 16003A | 16.4 | Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (i) 12mm thick | Sqm | 261.45 |
| 16003B | 16.4 | Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (ii) 18mm thick | Sqm | 369.60 |
| 16003C | 16.4 | Providing and fixing fibre insulations board lining with butt jointing and Nails (frame worked cover fillets to be measured and paid for separately) (iii) 25mm thick | Sqm | 467.25 |
| 16004A | 16.13 | Providing and plywood lining with but jointed and nails (frame work and cover fillets to be measured and paid for separately) (i) 6mm thick ply. | Sqm | 264.60 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 16004B | 16.13 | Providing and playwood lining with but jointed and nails (frame work and cover fillets to be measured and paid for separately) (ii) 9mm thick ply. | Sqm | 389.55 |
| 16006 | | Providing and fixing eco-friendly light weight calcium silicate false ceiling tiles having Tegular edge & 15 mm Thick Densified edges on the Tile Periphery for Extra Strength The Light weight calcium silicate ceiling tiles shall have , light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity0.043° w/m KC.for the best thermal Insulation . The Light weight calcium Silicate tile shall be of approved texture Fine fissured/ Spintone/Cosmos having NRC value of 0.5 & Globe having NRC value of 0.75 NRC or equivalent of size 595 X 595 mm to be laid on true horizontal level suspended inter locking metal grid of hot dipped galvanized steel sections (galvanizing @120 grams per sqm including both side) consisting of main 'T' runner suitably spaced at joints to get required length and size of 24X38mm made from 0.30 mm thick (minimum) sheet, 1200mm centre to centre, and cross 'T' of size 24X28mm made out of 0.33mm (Minimum) sheet spaced 1200mm along spaced between main 'T' at 600mm centre to centre to form agrid of 1200X600mm and secondary cross 'T' of length 600mm and size 24x28mm made of 0.30 mm thick (Minimum) sheet | Sqm | 1750.43 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| | | <p>to be interlocked at middle of the 1200X600mm panel to form grid of size 600X600mm resting on periphery walls/partitions on a perimeter wall angle pre-coated steel of size (24X24X3000mm made of 0.40mm thick (minimum) sheet with the help of rawl plugs at 450mm centre to centre with 25mm long dry wall screws @ 230mm interval and laying 15mm thick Densified edges light weight calcium silicate ceiling tiles of approved texture (Fine Fissured/ Cosmos/Spintone) in the grid including, cutting /making opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc., wherever required, Main 'T' runners to be suspended from ceiling using G.I. slotted cleats of size 25X35X1.6mm fixed to ceiling with 12.5mm dia and 50mm long dash fasteners, 4mm G.I. adjustable rods with galvanized steel level clips of size 85X30X0.8mm, spaced at 1200mm centre to centre long main 'T' bottom exposed with 24mm of all T-sections shall be pre-painted with polyester baked paint, for all heights, as per specifications, drawings and as directed by engineer-in-charge.Note:- Only calcium silicate false ceiling area will be measured from wall to wall. No deduction shall be made for exposed frames/ opening (cut outs) having area less than 0.30 sqm. The</p> <p>calcium silicate ceiling tiles shall have NRC. Value of 0.50 (Minimum) for Fine fissured/ Spintone/ Cosmos and 0.75 NRC for Globe, light reflection 85% non-combustible as per B.S. 476 part IV, 100% humidity resistance and also having thermal conductivity. 0.043° w/m KC.for the best thermal Insulation</p> | | |
| 16007 | | <p>Pro. And fixing single layer water proof gypsum board 12.5 mm thick sections using water proof board of size 1220 mm x 1830 mm x 8.0 mm suspended by GI suspender channel of size 25 mm x 3 mm with intermediate channel og size 18 mm x 40 mm x 0.8 mm at 1220 mm center to center ceiling section of size 40 mm x 35 mm x 0.55 mm at 457 mm c/c and perimeter channel A of size 20 mm x 27 mm x 30 mm x 0.5 mm at edges & drops incl.paper tap sand sofit cleat, anchor fastener, scoch bolt connecting cleat,joining compound top coat on ceiling incl.making necy.opening for light fitting,diffuser etc. comp. as per detail drawing as directed</p> | Sqm | 703.93 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--|--------------------|--|------|---------------------|
| CHAPTER- 17 PLASTERING & POINTING | | | | |
| 17001A | 17.58 | Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (i)Cement mortar 1:3 (1-cement:3-sand) | Sqm | 85.05 |
| 17001B | 17.58 | Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) | Sqm | 76.44 |
| 17001C | 17.58 | Providing 10mm thick cement plaster in single coat on brick/concrete walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand) | Sqm | 68.25 |
| 17002A | 17.6 | Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) | Sqm | 116.55 |
| 17002B | 17.6 | Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) | Sqm | 103.74 |
| 17002C | 17.6 | Providing 15mm thick cement plaster in single coat on Rough (Similar)side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand) | Sqm | 91.56 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|---------------------------|---------------------|
| 17003A | 17.61 | Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (i) Cement mortar 1:3 (1-cement:3-sand) | Sqm | 143.85 |
| 17003B | 17.61 | Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (ii) Cement mortar 1:4 (1-cement :4-sand) | Sqm | 127.05 |
| 17003C | 17.61 | Providing 20mm thick cement plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in (iii) Cement mortar 1:6 (1-cement:6-sand) | Sqm | 110.25 |
| 17004A | 17.69 | Extra over items 58 to 64 for finishing with a floating coat of neat cement slurry. | Sqm | 31.82 |
| 17005 | 17.7 | (A) Extra over items 58 to 67 for providing and mixing water proofing materials in cement mortar in proportion recommended by the manufacturer. | Per bag of 50Kg of Cement | 45.78 |
| 17006 | 17.91 | Extra over items 58 to 71 for plastering on ceilings and soffits of stairs upto floor two level instead of plastering on walls. | Sqm | 16.38 |
| 17007A | 17.94 | Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height. (1) Single coat plaster | Sqm x No. of storey | 15.44 |
| 17007B | 17.94 | Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height.(2) Two coat plaster | Sqm x No. of storey | 17.64 |
| 17007C | 17.94 | Extra over items 1 to 69, 71 to 87 and 90 for interior plastering above floor two level for every additional storey height. (3) Floating coat of neat cement | Sqm x No. of storey | 3.15 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 17008 | 17.93 | Extra over item 91 for plastering on ceiling and soffits of stairs above floor two level for every additional storey height. | Sqm | 14.07 |
| 17009 | 17.95 | 20mm thick sand faced cement plaster on walls upto height 10 metres above ground level consisting of 12mm thick backing coat of C.M. 1:3 (1-cement : 3-sand) and 8mm thick finishing coat of C.M. 1:1 (1-cement : 1-sand) etc. complete. | Sqm | 198.45 |
| 17010A | 17.116 | Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing | Sqm | 60.80 |
| 17010B | 17.116 | Pointing on brickwork with cement mortar 1:3 (1-cement : 3-coarse sand) (B) Ruled pointing | Sqm | 63.11 |
| 17011A | 17.117 | Pointing on brickwork with cement mortar 1:4 (1-cement : 4-coarse sand)(A) Flush pointing | Sqm | 58.91 |
| 17011B | 17.117 | Pointing on brickwork with cement mortar 1:4 (1-cement : 4-coarse sand) (B) Ruled pointing | Sqm | 60.80 |
| 17012A | 17.14 | Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing | Sqm | 55.86 |
| 17012B | 17.14 | Pointing on coursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (B) Ruled pointing | Sqm | 57.96 |
| 17013A | 17.144 | Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand) (A) Flush pointing | Sqm | 66.68 |
| 17013B | 17.144 | Pointing on Uncoursed stone masonry with cement mortar 1:3 (1-cement : 3-coarse sand)(B) Ruled pointing | Sqm | 69.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 17014 | 17.154 | Extra over item 17.112 to 17.151 for pointing on walls on the outside at height more than 10metres from ground level for every additional height of 5 metres of part there of. | Sqm | 4.31 |
| 17015 | 0 | Providing cement vata (10cm. x 10 cm. size) quarter round in cement mortar 1:1 including neat cement finishing, watering etc. complete. | Rmt | 18.69 |
| 17017 | | Providing 20 mm thick double coat mala cement plaster on interior brick / concrete work for plastering comprising of base coat of 12 mm thick cement plaster in cement mortar (1 Cement : 4 coarse sand) in rough finishing and 8 mm thick top coat of cement mortar 1:2 (1 Cement : 2 Coarse sand) finished with trowel including scaffolding curing etc. complete. | Sqm | 181.65 |
| 17018 | | Providing 20 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:6 (1 Cement : 6 sand) | Sqm | 212.93 |
| 17019 | | Providing 15 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on rough (similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:6 (1 Cement : 6 sand) | Sqm | 161.66 |
| 17020 | | Providing 10 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on brick/ concrete walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:6 (1 Cement : 6 sand) | Sqm | 106.58 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 17021 | | Providing 20 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:4 (1 Cement : 4 sand) | Sqm | 231.66 |
| 17022 | | Providing 15 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on rough (similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:4 (1 Cement : 4 sand) | Sqm | 170.14 |
| 17023 | | Providing 10 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on brick/ concrete walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:4 (1 Cement : 4 sand) | Sqm | 115.95 |
| 17024 | | Providing 20 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:3 (1 Cement : 3 sand) | Sqm | 248.59 |
| 17025 | | Providing 10 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on brick/ concrete walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:3 (1 Cement : 3 sand) | Sqm | 126.32 |
| 17026 | | Providing 15 mm thick cement plaster by using Ready Mix Mortar for plaster in single coat on rough (similar) side of single or half brick walls for interior plastering upto floor two level and finished even and smooth in Cement mortar 1:3 (1 Cement : 3 sand) | Sqm | 186.55 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--|--------------------|--|------|---------------------|
| CHAPTER- 18 WHITE WASHING COLOR WASHING DISTEMPER;ING & OTHER FINISHING | | | | |
| 18001 | 18.11 | White washing with lime on wall surface (two coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and other foreign matter. | Sqm | 8.19 |
| 18002 | 18.12 | White washing with lime on wall surface (one coats) to give an even shade including thoroughly brooming the surface to remove all dirt, dust; mortar drops and loose scales of lime wash and other foreign matter. | Sqm | 3.78 |
| 18003 | 18.13 | Extra over items 11 to 12 for every subsequent coat of white washing with lime on wall surface. | Sqm | 3.78 |
| 18004 | 18.14 | Extra over item 11 for white washing with lime on ceilings and/or sloping roofs. | Sqm | 0.74 |
| 18005 | 18.15 | Extra over Item 2 for white washing with lime on ceilings and sloping roofs. | Sqm | 0.32 |
| 18006 | 18.16 | Extra over Item 13 for every subsequent coat of white washing with lime on ceilings and/or sloping roofs. | Sqm | 0.32 |
| 18007 | 18.17 | Colour washing with lime on wall surface (two coats) over and including a primary coat of white washing to give an even shade after through brooming the surface to remove all dirt, dust, mortar drops and other foreign matter. | Sqm | 8.19 |
| 18008 | 18.18 | Colour washing with lime on wall surface (one coats) to give an even shade including throughly brooming the surface to loose scales of lime wash and other foreign matter. | Sqm | 5.25 |
| 18009 | 18.19 | Extra over item 17 to 18 for every subsequent coat of colour wash with lime on wall surface | Sqm | 5.25 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 18010 | 18.2 | Extra over Item 17 for colour washing on ceilings and/or sloping roofs. | Sqm | 1.47 |
| 18011 | 18.21 | Extra over items 18,19 for colour washing on ceilings and sloping roofs. | Sqm | 1.37 |
| 18012 | 18.29 | Cement washing with portland cement slurry on wall surface (one coat) to give a smooth finish including thoroughly broomings the surface to remove all dirt, mortar drops and other foreign Brand. | Sqm | 7.77 |
| 18013 | 18.3 | Extra over Item No. 29 for every subsequent coat of cement washing with port land cement slurry | Sqm | 7.77 |
| 18014 | 18.33 | Removing dry or oil bound distemper by a washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete. | Sqm | 7.46 |
| 18015 | 18.34 | Extra over item 33 for removing dry oil bound distemper on ceilings and sloping roofs. | Sqm | 1.05 |
| 18016 | 18.38 | Distempering with dry distemper of approved brand and manufacture (two coats) and of required shade on wall surfaces of given an even shade, over and including a priming coat of whitening after thoroughly brooming the surface free from mortar dropping and other foreign matter. | Sqm | 31.29 |
| 18017 | 18.39 | Distempering with dry distemper of approved brand and manufacture (One coats) and of required shade on wall surfaces of given an even shade, after thoroughly brushing the surface clean of all grease, dirt, loose pieces of scales including preparing the surface even and sand papered smooth. | Sqm | 9.98 |
| 18018 | 18.4 | Extra over Items No. 38 and 39 of every subsequent coat at distempering with dry distemper of approved brand and manufacture. | Sqm | 9.56 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 18019 | 18.41 | Extra over item 38 for distempering with dry distemper on ceilings and sloping roofs. | Sqm | 4.31 |
| 18020 | 18.42 | Extra over item 39,40 for distempering with dry distemper on ceilings and sloping roofs. | Sqm | 1.05 |
| 18021 | 18.44 | Distempering (Two coats) with oil bound distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with distemper primer of approved brand and manufacture after thoroughly brushing the surface free from mortar dropping and other foreign matter and also including preparing the surface even and sand papered smooth. | Sqm | 50.72 |
| 18022 | 18.45 | Distempering (Two coats) with oil bound washable distemper of approved brand and manufacture and of required shade on wall surfaces to give an even shade, over and including a priming coat with alkali resistance primer of approved brand after thoroughly brushing the surface and other foreign matter and also including preparing the surface even and sand papered smooth. | Sqm | 50.72 |
| 18023 | 18.46 | Distempering (One coats) with oil bound washable distemper of approved brand and of required shade on wall surfaces to give an even shade, after thoroughly brushing the surface clean of all grease dirt, loose pieces of scales and also including distempering with oil bound washable distemper of preparing the surface even and smooth. | Sqm | 20.06 |
| 18024 | 18.47 | Extra over Item 44 to 46 for every subsequent coat of approved brand and manufacture. | Sqm | 20.06 |
| 18025 | 18.48 | Extra over Item 44,45 for distempering with oil bound washable distemper on ceiling and sloping roofs. | Sqm | 5.36 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 18026 | 18.49 | Extra over Item 46,47 for every subsequent coat of distempering on ceiling and sloping roofs. | Sqm | 2.10 |
| 18027 | 18.51 | Finishing wall with water proofing cement paint of on wall surfaces (Two coats) to give an approved brand and manufacture and of required shape even shade after thoroughly brushing the surface to remove all dirt and remains of loose powered materials. | Sqm | 37.91 |
| 18028 | 18.53 | Extra over Item 51 for every subsequent coat of water proofing cement paint of approved brand and manufacture. | Sqm | 21.21 |
| 18029 | 18.54 | Extra over item 51 for finishing with cement paint on ceiling and sloping roofs. | Sqm | 4.31 |
| 18030 | 18.56 | Extra over item 53 for every subsequent coat of finishing with cement paint on ceiling and sloping roofs. | Sqm | 2.10 |
| 18031 | 18.57 | Wall painting (two coats) with plastic emulsion paint of approved brand and manufacture on undecorated wall surface to give an even shade including throughly brushing the surface free from mortar droppings and other foreign matter and sand papered smooth. | Sqm | 52.29 |
| 18032 | 18.59 | Extra over item 57 for every subsequent coat of wall painting with plastic emulsion pain of approved brand. | Sqm | 22.26 |
| 18033 | 18.6 | Extra over item 57 for painting with plastic emulsion paint of approved brand on ceilings and sloping roofs. | Sqm | 3.57 |
| 18034 | 18.62 | Extra over item 59 for every subsequent coat of painting with plastic emulsion paint on ceiling and slopping roofs. | Sqm | 1.47 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|---|--------------------|--|------|---------------------|
| CHAPTER- 19 PAINTING & POLISHING | | | | |
| 19001 | 19.2 | Applying priming coat over new steel and other metal surface after and including preparing the surface by thoroughly cleaning, oil,grease, dirt and other foreign matter and scoured with brushes fine steel wood, scrapers and sand paper with ready mixed priming paint brushing red lead. | Sqm | 22.89 |
| 19002 | 19.7 | Painting two coats (excluding priming coat) on new steel and other metal surface with enamel paint, brushing, interior to give an even shade including cleaning the surface an even shade including cleanicn the surface of all dirt, dust and other foreign matter. | Sqm | 57.96 |
| 19003 | 19.11 | Painting one coats (excluding priming coat) on previously painted steel and other metal surface with enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter. | Sqm | 36.23 |
| 19004 | 19.15 | Extra over item 7 and 11 for every subsequent coat of paint | Sqm | 33.60 |
| 19005 | 19.19 | Painting two coats (excluding priming coat) on new steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter. | Sqm | 47.36 |
| 19006 | 19.21 | Painting one coats (excluding priming coat) on previously printed steel and other metal surface with synthetic enamel paint, brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter. | Sqm | 29.19 |
| 19007 | 19.23 | Extra over item 19 and 21 for every subsequent coat of paint. | Sqm | 28.98 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 19008B | 19.5 | Painting two coats (excluding priming coat) on external surface of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous brushing, black, anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter. (B) 75mm dia. | Sqm | 13.44 |
| 19008C | 19.5 | Painting two coats (excluding priming coat) on external surface of new rain water, soil, waste and vent pipes and fittings with ready mixed bituminous brushing, black, anticorrosive to give an even shade including cleaning of all dirt, dust and other foreign matter. (C) 100mm dia. | Sqm | 16.70 |
| 19009B | 19.59 | Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (B) Ready mixed paint brushing wood primer pink. | Sqm | 26.78 |
| 19009C | 19.59 | Applying priming coat over new wood and wood based surface after and including preparing the surface by thoroughly cleaning oil, grease, dirt and other foreign matter, sand papering and knotting. (C) Ready mixed paint brushing priming for enamel | Sqm | 26.78 |
| 19010B | 19.62 | Extra over item 59 for every subsequent coat of priming coat. (B) Ready mixed paint brushing wood primer pink. | Sqm | 24.26 |
| 19010C | 19.62 | Extra over item 59 for every subsequent coat of priming coat. (C) Ready mixed paint brushing priming for enamel | Sqm | 24.26 |
| 19011 | 19.71 | Painting two coats (excluding priming coat) on new wood and wood based surface with enamel paint, interior to give an even shade including cleaning the surface of all dirt, dust and other foreign matter sand papering and stopping. | Sqm | 58.07 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 19012 | 19.73 | Painting one coats (excluding priming coat) on previously painted wood and wood based surface with enamel paint, to give an even shade including cleaning the of all dirt, dust and other foreign matter. | Sqm | 36.75 |
| 19013 | 19.75 | Extra over item 71 and 73 for every subsequent coat of paint. | Sqm | 34.55 |
| 19014 | 19.77 | Painting two coats (excluding priming coat) on new wood and wood based surface with ready mixed paint, brushing, oil, gloss, semi gloss to give and even shade including cleaning of all dust, dirt and other foreign matter sand papering and stopping. | Sqm | 69.41 |
| 19015 | 19.84 | Varnishing two coats (excluding priming coat) on new wood and wood based surface under coating with flatting varnish and finished coat with varnish to give an even surface including cleaning the surface of all dirt, dust and sand papering so as to produce a smooth dry surface. | Sqm | 36.12 |
| 19016 | 19.86 | Extra over item 84 for every subsequent coat of varnish. | Sqm | 21.00 |
| 19017 | 19.87 | Polishing with french polish on new wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papering smooth and including a coat of wood filler. | Sqm | 87.78 |
| 19018 | 19.88 | Polishing with french polish on previously polished wood and wood based surface to give an even surface including cleaning, the surface of all dirt, dust and sand papered smooth and including a coat of wood filler. | Sqm | 45.15 |
| 19019 | 19.91 | Applying wax polish on new wood and wood surface with bees wax polish in proportion of 2:1.5 :1:0.5 (2-Bees wax : 1.5 Linseed oil : 1-Turpentine even surface including cleaning the surface of all dirt dust and sand papered smooth. | Sqm | 42.95 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|--------------------------|---------------------|
| 19020 | 19.92 | Applying wax polish on previously wax polished wood and wood based surface with bees wax polish in proportion of 2:1.5 :1:0.5 (2- Bees wax : 1.5 Linseed oil : 1- Turpentine : 0.5 varnish by weight to give an even surface including cleaning the surface of all dirt dust and sand papered smooth. | Sqm | 24.15 |
| 19021 | 19.98 | Coat tarring two coats on new wood and wood based surfaces using 0.16 and 0.12 Litres of coal tar par Sq.M. in the first and second coat respectively to give an even shade including cleaning of all dirt, dust and other foreign matter. | Sqm | 22.26 |
| 19022 | 19.1 | Extra over item 19.98 or every subsequent coat of painth | Sqm | 16.91 |
| 19023A | 19.11 | Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately)(i) Block (Letters/Figures) (Per 10 Letter pet CM.HT) | Per Letter Per Cm/Ht. | 2.10 |
| 19023B | 19.11 | Writing letter or figures on any surface with black japan paint (stops,comas, hyphens and the like not to be measured and paid for separately) (ii) Indian (Letters/Figures) | Per Letter Per Cm/Ht. | 2.31 |
| 19024A | 19.121 | Extra over items 19.119 for using thick white paint instead of black japan paint. (i) Block (Letters/Figures) | Per Letter Per Cm/Ht. | 0.08 |
| 19024B | 19.121 | Extra over items 19.119 for using thick white paint instead of black japan paint. (ii) Indian (Letters/Figures) | Per Letter Per Cm/Ht. | 0.08 |
| 19025A | 19.126 | Painting lines, deashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width | Sqm | 81.27 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 19025B | 19.126 | Painting lines, dashes, arrows, letters etc on roads, Air fields and like in two coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Upto 10 cm in width | Rmt | 8.09 |
| 19026A | 19.127 | Painting lines, dashes, arrows, letters etc on roads, Air fields and like in one coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (i) Over 10cm in width | Sqm | 33.60 |
| 19026B | 19.127 | Painting lines, dashes, arrows, letters etc on roads, Air fields and like in one coats with road marking paint, brushing including cleaning the surface of all dirt, dust and other foreign matter. (ii) Upto 10 cm in width | Sqm | 3.68 |
| 19031 | | Finishing wall with weather proof exterior emulsion paint on wall surface (two coats) to give an required shape even shade after thoroughly brushing the surface to remove all dirt, and remains of loose powdered materials.etc complete | sqm | 75.60 |
| 19032 | | Applying two coats of putty & two coats of primer of approved brand and manufacture on new wall surface to give an even shade including thoroughly brushing the surface free from mortar dropping and other foreign matter and sand papered smooth. | sqm | 47.41 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|---|--------------------|--|------|---------------------|
| CHAPTER- 20 DEMOLITION & DISMANTLING | | | | |
| 20001A | 20.1 | Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete. | cu.m | 349.65 |
| 20001B | 20.1 | Demolition and disposal of unserviceable materials with all lead and lift.(i) Lime concrete. | cu.m | 402.15 |
| 20002 | 20.3 | Demolition including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) R.C.C. work | cu.m | 698.25 |
| 20003A | 20.11 | Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. (i) In Lime Mortar. | cu.m | 241.50 |
| 20003B | 20.11 | Demolition of Brick work and stone masonry including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(ii) In Cement Mortar. | cu.m | 363.30 |
| 20004 | 20.21 | Demolition of terrace including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift.(i) Brick tile covering. | Sqm | 42.00 |
| 20005 | 20.23 | Dismantaling tiled of stone floors laid in mortar including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. | Sqm | 31.50 |
| 20006 | 20.25 | Dismantaling of wooden floors including stacking of serviceable materilas and disposal of unserviceable materials with all lead and lift. | Sqm | 47.25 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 20007A | 20.27 | Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(i) G.I.sheet roofing. | Sqm | 31.50 |
| 20007B | 20.27 | Dismantling of sheet roofing including ridges, Hips, Valleys, Gutters etc. stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing. | Sqm | 35.70 |
| 20008 | 20.28 | Dismantling mangalore of country tile roofing with battens boarding etc. including stacking of serviceable materials and disposal of unserviceable materials with all lead and lift.(ii) A.C. sheet roofing. | Sqm | 57.75 |
| 20010 | 20.35 | Dismantling wood work, wrought framed and fixed in frames trusses including stacking the materials with all lead and lift. | cu.m | 1161.30 |
| 20011 | 20.39 | Dismantling expanded metal or I.R.C Fabric with necessary battens and beadings including frame work, and stacking the serviceable materials with all lead and lift. | Sqm | 36.75 |
| 20012 | 20.43 | Dismantling steel work including distempering and stacking the materials with all lead and lift. | Kg | 2.42 |
| 20013A | 20.49 | Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(i) Not exceeding 3 Sq.M. in area. | Each | 123.90 |
| 20013B | 20.49 | Dismantling doors, windows, ventilators etc. (wood or steel) shutters including chowkhats architraves, holdfasts and other attachment etc. complete and stacking them within all lead and lift.(ii) Exceeding 3 Sq.M. in area. | Each | 165.90 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 20014 | 20.51 | Dismantling barbed wire in fencing including making rolls and also including dismantling fencing posts including all earth work concrete in base and making good the disturbed ground stacking useful materials as directed and disposing as directed and disposing of the unserviceable materials with all lead and lift. | Rmt | 44.10 |
| 20015 | 20.56 | Dismantling C.I. pipes G.S.W.pipes abd A.C. rain water pipes with fittings and clamps including stacking the materials with all lead and lift (for any dia, of pipe) | Rmt | 49.35 |
| 20016 | 0 | Dismantling santtary fittings like wash basin . W.C. pan Indian and European type, flushing tank etc. including stacking the materials with all lead and lift. | Each | 267.75 |
| 20017 | 0 | Scraping oil paint from steel and other metal surface and making the surface even (with Hand Scraping.) | Sqm | 32.55 |
| 20040 | | Providing and fixing 15 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 12 mm wide expansion joint | Rmt | 12.29 |
| 20041 | | Providing and fixing 25 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 20 mm wide expansion joint | Rmt | 17.90 |
| 20042 | | Providing and fixing 30 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 25 mm wide expansion joint | Rmt | 20.66 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 20043 | | Providing and fixing 50 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 40 mm wide expansion joint | Rmt | 59.37 |
| 20044 | | Providing and fixing 60 mm diameter backup rod having minimum density 22 kg per cum (ASTMD - 3575) & compression strength of 0.40 kg per sqm (ASTM - 5249) and finishing with polysulphide sealant etc. complete. For 50 mm wide expansion joint | Rmt | 77.80 |
| 20045 | | Removing and scraping of old deteriorated plaster of any thickness from wall / R.C.C member including stacking of serviceable material and disposal of unserviceable from site of work with all lead and lift | Sqm | 12.92 |
| 20047 | | Providing and fixing of Corner Angle for Various Flashing in 150mm x 150mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c. | sqm | 510.30 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 20048 | | <p>Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, columns and purlins</p> <p>fixed using 90mm self drilling bolt with rubber washer including all types of flashings. PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.</p> | Sqm | 2826.41 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 20049 | | <p>Providing and fixing PUF Insulated continuous sandwich panels for roofs of total thickness not less than 30 mm made out from continue line method.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane foam with external face being corrugated in shape for GI and PU foam both material.The crest height of the panel shall be of 35mm minimum wiht 250mm c/c pitch. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of 120 gsm as per IS:277 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have protective guard film of minimum 25 microns to avoid scratches wihile trasportation.The roof panels are laid over a frame work of trusses, columns and purlins fixed using 90mm self drilling bolt with rubber washer including all types of flashings.</p> <p>PU Foam must be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25mm craft paper edging,self tapping screws of required length and nos.etc complete as per structural design and direction of Engineer-in-charge.</p> | Sqm | 2556.85 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 20050 | | <p>Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.</p> | Sqm | 2837.62 |
| 20051 | | <p>Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 50 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.</p> | Sqm | 2526.39 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 20052 | | <p>Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.5 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.</p> | Sqm | 2758.19 |
| 20053 | | <p>Providing and fixing PUF Insulated continuous sandwich panels for walls of total thickness not less than 40 mm and width 1.0 m made out from continue line method on automatic plant.Panel shall have 0.35 mm thick pre coated GI sheet on both side of Polyurethane Foam confirming to IS 12436:1988.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron.The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during trasportation.The panels shall be vertically joined together by tongue and groove joints. The PU Foam shall be self-extinguishing, fire retardant type having minimum density of 40 Kg/Cu.mt.(+, - 2 Kgs) including 0.25 mm thick craft paper edging on both edges. The panels shall be fixed to the steel frame structure with minimum 5mm thick self tapping GI screws of required length and nos. with minimum spacing of 300 mm c/c.</p> | Sqm | 2446.97 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 20054 | | Structural steel work (Confirming to IS 4923-1997) riveted, bolted or welded in builtup for all type sections, in framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete as per the structural designs and directions of Engineer in charge.Column (122 x 61 x 3.6mm) | kg | 115.73 |
| 20055 | | Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 52mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 0.5 mm thick pre coated GI sheet.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed | Rmt | 413.70 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 20056 | | <p>Providing and fixing of Bottom and top U track for closing of end joints for cut PUF panels of size of 52mm x 30mm with 5mm lipping on Both edges. The U track shall be made out of 0.5 mm thick pre coated GI sheet.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall roof panels and plinth with Expandable fastners with minimum spacing of 450 mm c/c. The Utrack shall be fixed</p> | Rmt | 382.20 |
| 20057 | | <p>Providing and fixing of Ridge flashing for roof panel shall be made out of 0.5 mm thick pre coated GI sheet . The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The ridge shall be fixed to the steel members by pop rivet or self drilling/self stitching fastners @ maximum 450 mm c/c along length of capping/flashing etc complete .</p> | Rmt | 515.04 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 20058 | | Providing and fixing of end cap of Roofing panel. The End Cap track shall be made out of 0.5 mm thick pre coated GI sheet suitable for 30mm thick panel.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c. | Rmt | 511.35 |
| 20059 | | Providing and fixing of end cap of Roofing panel. The End Cap track shall be made out of 0.5 mm thick pre coated GI sheet suitable for 40mm thick panel.The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c. | Rmt | 458.85 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 20060 | | Providing and fixing of Corner Angle for Various Flashing in 25mm x 25mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c. | Rmt | 333.90 |
| 20061 | | Providing and fixing of Corner Angle for Various Flashing in 50mm x 50mm size in Equal Shape with 5mm edge lipping on both side . The Angle Flashing shall be made out of 0.5 mm thick pre coated GI sheet with edge bending of approximate 5mm. The Precoated sheet shall be of minimum 240 mpa steel grade confirming to IS 14246:1995 and shall have zinc coating of minimum 120 gsm as per IS:277:1992 , 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 micron. The PPGI Sheet shall have plastic protective guard film of minimum 25 microns to avoid scratches during transportation. The U track shall be fixed with suitable POP rivet with wall and roof panels with minimum spacing of 450 mm c/c. | Rmt | 374.85 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 20064 | | Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Horizontal Surface | sqm | 92.39 |
| 20064A | | Preparing and applying of water soluble, nonflammable, reactive and penetrative silane nanotechnology with water (<1000 ppm TDS) in the ratio of 1 liter silane :20 liter water mixed with 0.5 liter acrylic copolymer polymer compatible and stable in silane solution. Take 1 liter of silane nanotechnology and add in 20 liter water in drum under manual stirring and then add 0.5 liter acrylic copolymer under manual stirring and mix completely. Spray apply the solution at the rate of 1 liter per sqm on horizontal and 0.5 liter per sqm on vertical new or old cementitious / concrete surface . (For very dense concrete of M50 and above for bridges may not absorb 1 liter per sq meter so reduce the water of dilution to 1:10)Vertical Surface | sqm | 50.08 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--|--------------------|--|------|---------------------|
| CHAPTER- 21 REPAIRS TO BUILDING | | | | |
| 21001 | 21.8 | Providing and fixing M.S. fan clamps of shape and size as specified in existing R.C.C. slab including cutting chase and making good. | Each | 112.35 |
| 21002A | 21.23 | Cutting out cracks of roof terrace to V- section , cleaning out, wetting , grouting with cement and sand slurry 1:3 (1-cement 3-sand) | Rmt | 43.05 |
| 21003A | 21.24 | Cutting out cracks roof terrace to V-Section cleaning out and filling solidly with a hot mixture of bitumen and clean dry sand (1:1 by weight) | Rmt | 50.19 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|--|--------------------|--|------|---------------------|
| CHAPTER- 22 MISCELLANEOUS BUILDING ITEM | | | | |
| 22001 | 22.2 | Providing and fixing 1.20 Metre high fencing with 2.0 Metre long M.S. Angle posts 40mm x 40 mm x 6 mm and oil painting 3 coats fixed at 2.5 Mt,C/c. with five Horizontal lines and two diagonals of galvanised steel barbed wire weighting 9.38 Kg. per 100 Metre, strained and fixed to posts with G.I, staples including fixing the posts in ground with 0.5 M x 0.5.M x 0.5 M. block in C.C1:5:10 etc complete. | Rmt | 320.25 |
| 22002 | 0 | Construction of B,B,masonry paniyara 23cm. x 75cm. wall and 15cm x 15cm curbing including fixing precast R.C.C. arble mosaic (Terrazo) slab of 75mm thickness on top and smooth finishing in cement plaster in C.M. 1:3 curing etc. complete including drainage out waste water arrangements. | Rmt | 1111.95 |
| 22003 | 0 | Constructing a sink (chowkedi) with C.C. 1:2:4, 12cm. thick over B.B. masonry in C.M,(1:6) in front and dwarf wall 1.0 Mt.high and 23 cm.thick cement plaster to masonry / in C.M.1:3) and cement concrete flooring in 1:2:4: mi x 5 cm. dia. drain pipe etc.complete. | Rmt | 1521.45 |
| 22004A | 0 | Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (i) Fixing or precast R.C.C.1:2:4) 8 cm. thick slab with marble chips set in C.M. (1:6) (6mm thick terrazo) with plastering on exposed faces walls in C.M. (1:4) etc complete. | Rmt | 622.65 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 22004B | 0 | Constructing a cooking platform 60 cm. width and 70 cm high resting on B.B.Masonry walls 23 cm.thick in C.M.(1:6) with (ii) Fixing black kadappa stone 30mm thick laid on precast R.C.C. (1:2:4) slab with plastering on exposed faces of wall in C.M. (1:4) etc complete. | Rmt | 754.95 |
| 22005 | 0 | Carrying out timber treatment to all wood work including drilling holes and spraying oil based chemical solution on surface of timber work for termite control including labor and material etc. complete. Using Chlorpyriphos20 EC as per 6313 2013 Part III (1% concentration by mass) is recommended one litre chemical emulsion diluted with 19 liters of kerosene. Total diluted concentration will be 20 liters inclusive of 1 liter chemical emulsion application in drilled holes and 0.75 / Litre chemical per one Sqmt two coat on wood surface not protected by paint or varnish. | Smt | 36.65 |
| 22006 | 0 | Applying general insecticide pest control treatment to floors, cupboards etc including labour materials etc. complete. Using Imidacloprid 30.5 SCas Per IS 6313 part -II(0.075% concentration by mass) is recommended 10.5ml chemical diluted with 5 liters of water application 0.5 litre chemical /Sqm of surface is recommended as per I.S. | Smt | 61.43 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|-------|---------------------|
| 22007 | 0 | Carring out plinth treatment to post construction / existing structure by spraying chemical solution for termite control treatment including labour and material consistment with I.S.I specification. Using Chlordene and Chiorpurfiles 20 EC. As Per 6131_paret-II Concentration Weight one percent is recommended i.e one litre 20 EC chemical emulsion with 19 liter give 1 % concentration inclusive of one litre chemical emulsion appication at the rate of 5 Litre chemical / Sqm of surface is recommended as per I.S | Smt | 69.93 |
| 22008 | 0 | Carrying out wall treatment for termite control including spraying with chemical solution in oil base including labour and material Using Chlorpyriphos 20 ECAs per IS 6313 part - II (1% concentration by mass) is recommended i.e one litre chemical emulsion diluted with 19 liter oil base. Total solution will be 20 liters inclusive of one liter chemical emulsion application at the rate of 7.5 litre chemical / Sqm of surface is recommended as per I.S. | Smt | 24.89 |
| 22009 | 0 | Providing and fixing Rajula stone 75mm thick 60mm x 45mm size including fixing in cement mortar as directed. | Smt | 87.89 |
| 22010A | 0 | Providing and laying bilimora type Brick facing in C.M. 1:1 laid over bedding of cement mortar 1:3 (20mm thickness) including clearing watering scaffolding etc. complete. | Smt | 521.85 |
| 22011 | 0 | Providing and fixing Teak wood rail of 60mm x 20mm size and 50cm. length including 3 coats of oil paint to wood work with set of 3 pags. | Rmt | 72.53 |
| 22014 | | Providing erecting and fixing double coated ISI water tank of required capacity each with all necessary fittings and connection etc. complete on terrace | litre | 4.61 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 22015 | | <p>Pro. and mixing Migratory Corrosion Admixture having Specific Gravity 1.01 to 1.04 pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 3 kg per cmt vol. of concrete admixture shall be added to the water during mixing of cement.</p> | Cum | 846.29 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 22016 | | Pro. and mixing Migratory Corrosion Admixture having Specific Gravity 1.01 to 1.04 pH value (Minimum 9.50) shall be alkaline in nature and having bipolar concrete penetrating corrosion inhibiting properties, inhibitor shall be non-nitrite based & have the ability to provide corrosion protection to both anodic and cathodic sites on the steel surface, inhibitor-steel complex shall formed polydentate complexes, having more than one bond with steel per molecule of inhibitor, with steel surface to promote proper film formation with enhanced bond to steel, inhibiting the electro-chemical corrosion reaction, inhibitor shall not have any adverse effect on concrete compressive strength, inhibitor shall have a corrosion rate of zero coulombs per ASTM-G109-2005, admixture shall be conforming to IS 9103 and in liquid form at the rate of 5% by weight of cementitious materials.. Etc. complete. | Kg | 14.13 |
| 22017 | | Providing and fixing Resin Bonded Rock Wool of density 48 kg / cum as & where required as directed by Engineer-in-Charge. Rock Wool confirming to IS: 8183 | Cum | 3153.64 |
| 22018 | | Providing and fixing Vapour Breather Membrane Confirming to IBC 2009 on Exterior Cement Board as & Where directed by Engineer-in-Charge. | Sqm | 197.94 |
| 22019 | | Providing and Laying of One side alluminium foil thermal bubble insulation barrier on the external side of the LWGS wall Panel under the Cement Board as & Where directed by Engineer-in-Charge. | Sqm | 153.15 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|-------|---------------------|
| 22020 | | Providing and Fixing 12 mm thick moisture & fire resistant heavy duty Cement Fibre Board (High pressure steam cured) Confirming to ISO 4862-2000 in wall panels of one face of cold formed galvanised light gauge steel frame structure to form wall / partition as & Where directed by Engineer-in-Charge | Sqm | 819.10 |
| 22021 | | Supply & fixing factory finished cold formed Light guage steel frame sections confirming to SP:6 (5) 1980 at site or work including riveted, bolted or welded in builtup for all type of sections ,in framed work, cutting, hoisting, fixing in position and applying primer coat of approved steel primer etc. complete as per structural designs & directions of Engineer-in-charge. | Kg | 133.66 |
| 22022 | | Anti-Termite System:Providing and laying of permanent piping technology anti-termite treatment before flooring work by installing LLDP (Low linear density polyethylene) tube of 8 mm O.D. & 6.4 mm I.D. with inbuilt pressure compensation chip every 30 cm interval in the tube, having working pressure of 2 Kg/cm ² and release rate of 1.9 Itr/hour fixed by P-clips and nails. The LLDP pipe shall be installed at the entire periphery of the building and at internal network of building at a depth of 20 to 200 mm under floor at every 2 to 3 mtr. c/c distance (adjusted as per building layout) & Ends of loop pass through a PVC elbow of minimum 32 mm ID at junction box of wall and floor level, entering into a steel reinforced grooved flexible pipe of minimum 22 mm ID leading into junction box and the loops shall terminate in junction boxes & test every junction during injecting chemicals for termite control treatment. | Sq.mt | 133.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|-------|---------------------|
| | | <p>The anti termite chemical Imidacloprid 30.5% SC mix as per IS-6313 (part III) shall be injected by the pressure pump diluted with water @ 10.5 ml/5 ltr of water at the rate of 2 Kg/sq.cm @ 5 Ltr/SMT. The contractor shall submit approved line plan for piping system and junction boxes dully approved by Engineer-in-Charge with bond of 5 year warranty.(i)Anti Termite chemical injected area (Chemical injecting incl. labour cost)</p> | | |
| 22023 | | <p>Anti-Termite System:Providing and laying of permanent piping technology anti-termite treatment before flooring work by installing LLDP (Low linear density polyethylene) tube of 8 mm O.D. & 6.4 mm I.D. with inbuilt pressure compensation chip every 30 cm interval in the tube, having working pressure of 2 Kg/cm² and release rate of 1.9 Itr/hour fixed by P-clips and nails. The LLDP pipe shall be installed at the entire periphery of the building and at internal network of building at a depth of 20 to 200 mm under floor at every 2 to 3 mtr. c/c distance (adjusted as per building layout) & Ends of loop pass through a PVC elbow of minimum 32 mm ID at junction box of wall and floor level, entering into a steel reinforced grooved flexible pipe of minimum 22 mm ID leading into junction box and the loops shall terminate in junction boxes & test every junction during injecting chemicals for termite control treatment.</p> <p>The anti termite chemical Imidacloprid 30.5% SC mix as per IS-6313 (part III) shall be injected by the pressure pump diluted with water @ 10.5 ml/5 ltr of water at the rate of 2 Kg/sq.cm @ 5 Ltr/SMT. The contractor shall submit approved line plan for piping system and junction boxes dully approved by Engineer-in-Charge with bond of 5 year warranty.(II)Anti Termite chemical injected area (Chemical injecting incl. labour cost)</p> | sq.mt | 63.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|---|--------------------|---|------|---------------------|
| CHAPTER- 23 WATER SUPPLY PLUMBING & SANITARY FITTING | | | | |
| 23001AA | 23.2 | Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(A) 15mm | Rmt | 162.75 |
| 23001BA | 23.2 | Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(B) 20mm | Rmt | 205.80 |
| 23001CA | 23.2 | Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(C) 25mm | Rmt | 283.50 |
| 23001DA | 23.2 | Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(D) 32mm | Rmt | 357.00 |
| 23001EA | 23.2 | Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(E) 40mm | Rmt | 436.80 |
| 23001FA | 23.2 | Providing and fixing to wall, ceiling and floor galvanised Mild steel tubes (Medium grade) of the following nominal bore, tube fitting and clamps including making good the wall ceiling and floor.(F) 50mm | Rmt | 569.10 |
| 23002AA | 23.4 | Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(A) 15mm | Rmt | 124.95 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 23002BA | 23.4 | Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(B) 20mm | Rmt | 161.70 |
| 23002CA | 23.4 | Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately) (C) 25mm | Rmt | 232.05 |
| 23002DA | 23.4 | Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(D) 40mm | Rmt | 354.90 |
| 23002EA | 23.4 | Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(E) 65mm | Rmt | 584.85 |
| 23002HA | 23.4 | Providing and laying in trenches galvanised mild steel tubes (Medium grade) of the following nominal bore, and tube fitting (Earthwork in trenches to be measured and paid for separately)(H) 80mm | Rmt | 750.75 |
| 23003 | 23.6 | Making connection of galvanised Mild steel distribution branch with galvanised mild steel main 50mm to 80mm nominal bore by providing and fixing tee including cutting and threading the pipes complete. | Each | 400.05 |
| 23004A | 23.8 | Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(A) 20mm | Rmt | 52.08 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 23004B | 23.8 | Providing and fixing to wall ceiling and floor 6.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(B) 25mm | Rmt | 66.99 |
| 23004C | 23.8 | Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(C) 32mm | Rmt | 77.60 |
| 23004D | 23.8 | Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(D) 40mm | Rmt | 82.95 |
| 23004E | 23.8 | Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(E) 50mm | Rmt | 110.25 |
| 23004F | 23.8 | Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure polythene pipes of the following outside Dia. Low densidy, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(F) 75mm | Rmt | 186.90 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 23004G | 23.8 | Providing and fixing to wall ceiling and floor 10.0 Kg. F/Cm2 working pressure poluthene pipes of the following outside Dia. Low density, complete with special falnge compression type fittings, wall clipsetc. including making good the wall ceiling and floor.(G)110 mm | Rmt | 333.90 |
| 23005BA | 23.79 | Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(B) 75mm dia. | Rmt | 838.44 |
| 23005CA | 23.79 | Providing and fixing cast iron spigot and socket soil, waste and ventilating pipes of the following nominal size.(C) 100mm dia. | Rmt | 1009.69 |
| 23006B | 0 | Providing and fixing in position cowel went to pipes.(B) 75mm dia. | Each | 380.10 |
| 23006C | 0 | Providing and fixing in position cowel went to pipes.(C) 100mm dia | Each | 515.55 |
| 23008 | 23.857 | Providing and fixing cast iron (Spun) Nahni trap of the following nominal diameter of self cleaning design with C.I. screaed down or higned grating including cost of cutting and making good the walls and floor 100mm inlet and 50mm outlet.(C) 100mm dia. | Each | 400.05 |
| 23009 | 23.111 | Providing and fixing water closet squatting Pan (Indian type W.C. Pan) size 580mm (Earthwork, bed concrete, foot reste and trap to be measured and paid for separately) (A) Vitreous China.(I) Long pattern = White colour | Each | 617.40 |
| 23010 | 23.112 | Providing and fixing wsh down water closet (European type, W.C. Pan) with integral P or S trap including jointing the trap with soil pipe in Cement Mortar 1:1 (1-Cement : 1-fine sand) (Seal and cover to be measured and paid for separately)(A) vitreous China Pattern :(i) in white colour | Each | 919.80 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 23011 | 23.113 | Providing and fixing 100mm size P or S trap for water closet squatting pan including jointing the trap with the pan and soil pipe in cement Mortar 1:1 (1-Cement : 1-Fine sand)(A) Vitreous China. | Each | 207.90 |
| 23012 | 23.114 | Providing and fixing in Cement Mortar 1:3 (1-Cement : 3-coarse sand)a, pair of white vitreous China 250mm x 130mm x 30mm footrest to long pattern squatting pan water closet. | Each | 89.99 |
| 23013 | 23.115 | Providing and fixing 12.5 Litres low level flushing cistern with a pair, of C.I. or Mild brackets, complete with fittings such as lead valve less syphon, 15mm nominal size brass ball valve with polythene float, C.P brass handle unions and couplings for connections, with inlet, outlet and overflow pipes, 40mm dia. porcelain enamelled flush bend including cutting holes in walls and making good the same connecting the flush bend with cistern and closet (overflow pipe to be measured and paid for separately)(A) Vitreous China (I) In white colour | Each | 2149.35 |
| 23014 | 23.116 | Providing and fixing 12.5 Litres high level C.I. flushing cistern with A pair of C.I. or Mild steel brackets, wocomplete with fittings such as syplionic arrangement, 15mm nominal size brass ball valve with polythene float, lever G.I. China (60 cm.) and pull union and couplings for connections with inlet, outlet and overflow pipes etc. including cutting holes in walls and making good the same (overflow pipe to be measured and paid fo separately) | Each | 1109.85 |
| 23015 | 23.117 | Providing and fixing in position with clamps etc. 32mm nominal internal diameter galvanised steel tube flush pipe for high level flushing cistern including connecting the flush pipe with cistern and closet and making good the walls and floors. | Rmt | 302.40 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 23016 | 23.12 | Providing and fixing G.I. inlet connection for flush pipe with W.C. Pan | Each | 17.01 |
| 23017 | 23.121 | Providing and fixing plastic seat and cover for wash down water closer with C.P. brass hinges and rubber buffers. (B) Black plastic seal and cover. | Each | 340.37 |
| 23018 | 23.127 | Providing and fixing washbasin with single hole for pillar tap with C.I. or M.S. brackets painted white including cutting holes and making good the same but excluding fittings.(A) Vitreous China:(ii) Flat Back washbasin 550 mm x v 400mm size. (i) In white colour. | Each | 933.45 |
| 23019 | 23.13 | Providing and fixing Kitchen sink with C.I. or M.S. brackets, painted white including cutting holes in walls and making good the same but excluding fittings. (C) Vitreous China Sink.(i) 600mm x 450mm x 150mm size | Each | 2009.70 |
| 23020A | 23.135 | Providing and fixing C.P. brass waste for washbasin or sink. (A) 32mmdia. | Each | 74.97 |
| 23020B | 23.135 | Providing and fixing C.P. brass waste for washbasin or sink. (B) 40mm dia. | Each | 98.81 |
| 23021A | 23.136 | Providing and fixing M.I. fisher union for washbasin or sink. (A) 32mm dia. | Each | 87.33 |
| 23021B | 23.136 | Providing and fixing M.I. fisher union for washbasin or sink. (B) 40mm dia. | Each | 98.30 |
| 23022 | 23.139 | Providing and fixing 100mm sand cast iron grating for gully, floor or Nahni trap. | Each | 43.19 |
| 23023 | 23.141 | Providing and fixing C.P. brass shower rose with 15mm or 20mm inlet.(A) 100mm dia. Each | Each | 329.65 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 23024 | 23.143 | Providing and fixing 600mm x 450mm bevelled edge mirror of superior glass mounted on 6mm thick A.C. sheet or plywood sheet and fixing to wooden pluge with C.P. brass screws and washers. | Each | 609.00 |
| 23025 | 23.144 | Providing and fixing C.P. brass towel rail complete with C.P. brass brackets fixed to wooden plugs with C.P. brass scews.(B) 600mm x 20mm size. | Each | 557.47 |
| 23026 | 23.145 | Providing and fixing 600mm x 120mm glass shelf with C.P. brass bracket and guard rail complete mixed to wooden plug with C.P. brass screws. | Each | 383.25 |
| 23027 | 23.146 | Providing and fixing toilet paper holder.(A) C.P. Brass | Each | 401.13 |
| 23028A1 | 23.92 | Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (i) 15mm dia. | Each | 198.45 |
| 23028A2 | 23.92 | Providing and fixing screw down bib taps of following size.(A) Brass screw down bib tap polished bright. (ii) 20mm dia. | Each | 248.85 |
| 23028B1 | 23.92 | Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (i) 15mm dia. | Each | 218.29 |
| 23028B2 | 23.92 | Providing and fixing screw down bib taps of following size.(B) Brass chromium plated screws down Bib Tap. (ii) 20mm dia. | Each | 250.97 |
| 23028C1 | 23.92 | Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (i) 15mm dia. | Each | 185.60 |
| 23028C2 | 23.92 | Providing and fixing screw down bib taps of following size.(C) Gun metal screw down bib tap. (ii) 20mm dia. | Each | 207.78 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 23029A | 23.95 | Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (i) 15mm dia. | Each | 360.70 |
| 23029B | 23.95 | Providing and fixing pillar tap, capstan head, screw down high pressure with screws, shanks and back nuts. (ii) 20mm dia. | Each | 414.39 |
| 23030A | 23.96 | Providing and fixing brass screw down stop tap.(A) 15mm dia. | Each | 240.47 |
| 23030B | 23.96 | Providing and fixing brass screw down stop tap.(B) 20mm dia. | Each | 246.75 |
| 23030C | 23.96 | Providing and fixing brass screw down stop tap.(C) 25mm dia. | Each | 257.97 |
| 23031A | 23.99 | Providing and fixing Gun metal check or non-return fullway wheel valve.(A) 15mm dia. | Each | 218.29 |
| 23031B | 23.99 | Providing and fixing Gun metal check or non-return fullway wheel valve.(B) 20mm dia. | Each | 238.13 |
| 23031C | 23.99 | Providing and fixing Gun metal check or non-return fullway wheel valve.(C) 25mm dia. | Each | 491.44 |
| 23031D | 23.99 | Providing and fixing Gun metal check or non-return fullway wheel valve.(D) 32mm dia. | Each | 367.70 |
| 23031E | 23.99 | Providing and fixing Gun metal check or non-return fullway wheel valve.(E) 40mm dia. | Each | 775.09 |
| 23032A | 0 | Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(i) 20mm dia. | Each | 297.66 |
| 23032B | 0 | Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(ii) 25mm dia. | Each | 308.17 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 23032C | 0 | Providing and fixing chromium plated brass half trun flush cock of approved quality including fixing in pipe line etc. complete.(iii) 32mm dia. | Each | 322.18 |
| 23033 | 23.122 | Providing and fixing Urinal or approved quality including conecting the Urinal with waste pipe , tap etc. complete.(A) White earthenware flat back or corner type size 430mm x 260mm x 350mm. | Each | 690.90 |
| 23034 | 23.124 | Providing and fixing Urinal of approved quality including connection with trap and with integral longitudinal flush pipe.(A) Squating plate pattern white earthenware 550mm x 300mm. | Each | 1023.75 |
| 23035 | 23.134 | Providing and fixing Rubber plug for sink or wash basin. | Each | 19.43 |
| 23036 | 0 | Providing and fixing chromium plated, bottle trap with necessary couplings of approved quality for wash basin. | Each | 328.01 |
| 23037A1 | 0 | Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (i) 25mm dia. | Each | 155.25 |
| 23037A2 | 0 | Providing and fixing ball cock of approved. quality as directed.(A) Copper Metal (ii) 50mm dia. | Each | 221.79 |
| 23037B1 | 0 | Providing and fixing ball cock of approved. quality as directed.(B) Abonite (i) 25mm dia. | Each | 120.23 |
| 23037B2 | 0 | Providing and fixing ball cock of approved. quality as directed.(B) Abonite (ii) 50mm dia. | Each | 161.09 |
| 23038 | 0 | Providing and fixing C.I. Manhole cover 0.60 M. x 0.45M. size having weight not less than 35Kg. | Each | 1119.45 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 23039 | 0 | Providing and fixing G.I. Rain water spout of 50mm dia. and 30cm. length. | Each | 119.07 |
| 23055 | | Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete.[A] 15 mm. | Rmt | 137.55 |
| 23056 | | Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [B] 20 mm. | Rmt | 179.55 |
| 23057 | | Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [C] 25 mm. | Rmt | 228.87 |
| 23058 | | Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [D] 32mm. | Rmt | 317.90 |
| 23059 | | Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [E] 40mm. | Rmt | 426.36 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 23060 | | Providing and fixing concealed center point to wall ceiling & floor CPVC (SDR 13.5) PIPE having National Sanitation Foundation (NSF) seal for potable water of following dia. nominal bore tube fittings and clamps including making good the wall, ceiling and floor etc. complete. [F] 50mm. | Rmt | 655.29 |
| 23061 | | Providing laying and jointing in true line and level 15mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | Rmt | 84.87 |
| 23062 | | Providing laying and jointing in true line and level 25mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | Rmt | 107.29 |
| 23063 | | Providing laying and jointing in true line and level 32mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | Rmt | 139.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 23064 | | Providing laying and jointing in true line and level 40mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | Rmt | 173.03 |
| 23065 | | Providing laying and jointing in true line and level 50mm dia. U.P.V.C. Pipe (SCH- 40) for cold water including fittings as approved by Engineer In Charge. Pipe shall be fixed on the wall with the help of clamp at every two metre C/C or shall be concealed as directed including necessary fittings etc. including testing of pipe and joints and fixing the same with adhesive solvent, including cost of all materials. | Rmt | 228.61 |
| 23066 | | Providing, laying and jointing in true line and level 160 diameter U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 160 mm diameter x 210 mm length x 196 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials. | Rmt | 927.25 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 23067 | | Providing, laying and jointing in true line and level 110 diametre U.P.V.C (Type B) conforming to IS 13592-1992 with one end plain and other end socketed with rubber ring, & fittings conforming to ISI 14735-1999 of approved make for drainage system pipe line, pipe shall be jointed with each other with rubber lubricant, pipe shall be fixed on wall using of PVC clamp of the size 110 mm diametre x 149 mm length x 145 mm heigh at every 2000 mm center to center or shall be concealed in walls as directed including necessary fittings such as bends, shoes etc. including testing of pipes and joints and jointed with adhesive solvent cement including cost of all materials. | Rmt | 551.25 |
| 23068 | | Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 100 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls. | each | 376.95 |
| 23069 | | Providing and fixing PVC SWR Nahni trap IS 14735 for drain - 75 mm diameter with jali of the following nominal diameter of self cleansing design with C.I scread down or hinged grating including the cost of cutting and making good the walls. | each | 368.55 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|---|--------------------|---|------|---------------------|
| CHAPTER- 24 DRAINAGE & SEWERAGE ITEM | | | | |
| 24001AA | 24.1 | Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Salt glazed stoneware pipes including testing of pipes and joints complete.(A) 100mm dia. | Rmt | 140.70 |
| 24001BA | 24.1 | Providing and laying (to level or slopes) and jointing with stiff mixture of Cement Mortar in proportion 1:1 Salt glazed stoneware pipes including testing of pipes and joints complete.(B) 150mm dia. | Rmt | 192.15 |
| 24002A | 24.2 | Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(A) 100 mm dia. (112 mm Ave.bed thickness) | Rmt | 97.49 |
| 24002B | 24.2 | Providing and laying Cement concrete 1:5:10 (1-Cement : 5-Fine sand :10-Graded stone aggregate 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. (166mm Ave. bed thickness) | Rmt | 163.85 |
| 24003A | 0 | Providing and laying lime concrete 1:2:4 (1-Lime putty :2-Fine sand : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(A) 100 mm dia. 300mm width (112 mm Ave.bed thickness) | Rmt | 70.56 |
| 24003B | 0 | Providing and laying lime concrete 1:2:4 (1-Lime putty :2-Fine sand : 4-Graded brick aggregates 40mm nominal size) bedding for stoneware pipes of following internal diameters with necessary formwork and curing complete.(B) 150mm dia. 450mm width (166mm Ave. bed thickness) | Rmt | 118.65 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 24004A1A | 24.17 | Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any redious) of following nominal diameters. (A) 100mm dia. | Each | 37.07 |
| 24004A2A | 24.17 | Extra over item 24.1 for providing salt Glazed stoneware fittings.(i) Bends of required degree (any redious) of following nominal diameters.(B) 150mm dia. | Each | 49.35 |
| 24004BA | 24.17 | Extra over item 24.1 for providing salt Glazed stoneware fittings.(ii) Taper bend of required degree of following internal diameters.(A) 100mm x 150mm | Each | 86.69 |
| 24004C1A | 24.17 | Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diameters. (A) 100mm. | Each | 78.54 |
| 24004C2A | 24.17 | Extra over item 24.1 for providing salt Glazed stoneware fittings.(iii) Single Junction of required angle of following internal diameters. (B) 150mm. | Each | 140.39 |
| 24005A | 24.18 | Providing and laying jointing and pointing with stiff mixture of Cement Mortar 1:1 (1-Cement : 1-Fine sand) 150 mm internal diameter salt glazed stoneware half round channels. | Rmt | 137.55 |
| 24006AA | 24.19 | Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps. (A) 100mm x 100mm size P type. | Each | 1263.15 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|---|-------------|----------------------------|
| 24006B | 24.19 | Providing and fixing S.W. gully trap with C.I. grating brick masonry chamber and water tight C.I. cover with frame of 300mm x 300mm size (inside) with standard weight.(i) Square mouth traps.(B) 150mm x 100mm size P or R type | Each | 1283.11 |
| 24007BA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(B) 150mm | Rmt | 222.60 |
| 24007CA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(C) 250mm | Rmt | 317.04 |
| 24007DA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(D) 300mm | Rmt | 460.95 |
| 24007EA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(E) 450mm | Rmt | 827.40 |
| 24007FA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(F) 500mm | Rmt | 951.30 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|------------------|---------------------------|--|-------------|----------------------------|
| 24007GA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(G) 600mm | Rmt | 1106.70 |
| 24007HA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(H) 900mm | Rmt | 2013.90 |
| 24007KA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(K) 1000mm | Rmt | 2434.95 |
| 24007MA | 24.22 | Providing laying (to level or slopes) and jointing reinforced concrete Light duty non-pressure pipes I.S. class NP2 of the following internal diameter with collars and butt ends prepared for collar joints including testing of joints complete.(M) 1200mm | Rmt | 2629.20 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 24008A | 24.27 | <p>Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:3 (1-Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4- stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5- Coarse sand) (1) A type depth 0.90 Metre for 150mm diameter sewer.</p> | Each | 10239.60 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 24008B | 24.27 | <p>Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:3 (1-Cement : 3-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4- stone aggregate 20mm nominal size) finished smooth complete including curing and festing</p> <p>(i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5- Coarse sand) (2) B type depth 1.50 Metre for 150mm diameter sewer.</p> | Each | 17656.80 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 24008C | 24.27 | Constructing Manhole with R.C.C. top slab in 1:2:4 mix (1-cement :2-coarse sand : 4-graded stone aggregate 20mm nominal size) foundation concrete 1:3:6 mix (1-cement : 3- coarse sand :6- Brick bats 40 + 50mm size) inside plastering 15mm thick with Cement Mortar 1:5 (1-Cement : 5-coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 mix (1-Cement :2-Coarse sand :4- stone aggregate 20mm nominal size) finished smooth complete including curing and festing (i) Inside size 900mm x 1200mm and 1.5M. deep including C.I. cover with frame size 560mm diameter total weight of cover and frame to be not less than 128 kgs. (Wt. of cover 64 Kg. and Wt. of frame 64 Kg.)(A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1- Cement: 5- Coarse sand) (3) C type depth 2.25 Metre for 150mm diameter sewer. | Each | 20742.75 |
| 24008D | 24.27 | (A) With 230mm thick walls of brick msonry using brick having crushing strength not less than 35Kg. / Sq.cm. in Cement Mortar 1:5 (1-Cement: 5-Coarse sand) (4) D type depth 3.15 Metre for 150mm diameter sewer. | Each | 26601.75 |
| 24009A | 24.28 | (I) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No.24.27 (I) for depth from 0.9M to 1.5M. | Each | 433.65 |
| 24009B | 24.28 | (II) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. GR Part thereof over item No.24.27 (I) for depth from 1.50M. to 2.25M. | Each | 329.70 |
| 24009C | 24.28 | (III) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No. 24.27 (III) for depth from 2.25M to 3.15M. | Each | 363.30 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|--|------|---------------------|
| 24009D | 24.28 | (IV) Extra rate for constructing B.B. masonry for every additional depth of 0.1M. or Part thereof over item No. 24.27 (IV) for depth above 3.15M. | Each | 560.70 |
| 24010 | 24.33 | Providing and fixing cast iron steps of size 500mm x 150mm x 22.5mm and painting with two coats of Anti-corrosive paint etc. complete. | Each | 108.15 |
| 24011A | 24.35 | Supplying and fixing C.I. cover 300mm x 300mm without frame for Gulley trap (Standard pattern) te weight of cover to be not less 4.53 Kg.) | Each | 569.67 |
| 24012A | 24.39 | Providing and erecting at the site of work steel ventilating column of 150m internal diameter and 12.20 Metre High from G.L. to bottom of top grill including C.I. grill and base plate bolts and nuts etc. and excavation in foundation of size 120cm. x 120vcem. x 165cm. and filling the pit with first layer of cement concrete 1:3:6 mix (1-cement :3-coarse sand :6-graded stone aggregate 20mm nominal size) of 120cm. x 120cm. x 90cm. and remaining pit with B.B.C. 1:3:6 mix (1-cement :3-coarse sand:6-Brickbats 40+50mm size) and providing fillet in Cement concrete 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm. nominal size) at G.L. and 3 coats of silver paint etc. complete. | Each | 27705.30 |
| 24013A | 24.4 | Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm including 500mm x 450mm C.I. horizontal grating wih frame complete. | Each | 1630.65 |
| 24014 | 24.41 | Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm with vertical gating complete. | Each | 2079.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 24015A | 24.42 | Constructing brick masonry road gully chamber 1100mm x 775mm including 500mm x 450mm (C.I. horizontal grating with frame and vertical grating complete.) | Each | 3385.20 |
| 24016AA | 24.44 | Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(i) Inside dimensions 455mmx 610mm and 450mm deep for single pipe line. | Each | 2566.20 |
| 24016BA | 24.44 | Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(ii) Inside dimensions 500mm x 700 mm and 450mm deep for pipe line with one or two inlets. | Each | 3029.25 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 24016CA | 24.44 | Constructing brick masonry chamber for underground C.I. Inspection chamber and bends with bricks having crushing strength not less than 35Kg/ Cm ² in C.M. 1:5 C.I. cover with frame (Light duty) 455mm x 610mm internal dimensions total weight of cover with frame to be not less than 38Kg. (Wt. of cover 23 Kg.) and Wt. of frame 15Kg.) (R.C.C. top slab with 1:2:4 mix (1-cement :2- coarse sand :4-graded stone aggregate 20mm size) foundation concrete 1:5:10 inside plaster 15mm thick with cement mortar 1:3 finished smooth with a floating coat of neat cement on walls and bed concrete etc. complete.(iii) Inside dimensions 600mm x 850 mm and 450mm deep for pipe lines with three or more inlets. | Each | 7490.35 |
| 24017A | 24.46 | Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(i) for 455mm x 610mm size. | Each | 200.55 |
| 24017B | 24.46 | Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(ii) for 500mm x 700mm size. | Each | 218.40 |
| 24017C | 24.46 | Extra over items 24.44 for every additional depth of 0.1M. of part thereof beyond 450mm depth for Brick masonry chamber.(iii) for 600mm x 850mm size. | Each | 268.80 |
| 24018AA | 0 | (A) Providing sock pit of 2.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. | Each | 1134.00 |

| Item Code | Item No.as per NBO | Description | Unit | Rate in Rs. (21-22) |
|-----------|--------------------|---|------|---------------------|
| 24018BA | 0 | (B) Providing sock pit of 5.00 Cu.M. Volume including excavating and filling brickbats with dry masonry work at top for 45cm. height including covering the top with stone including providing vatas in C.M. 1:3 with finishing curing etc. complete as directed. | Each | 2836.05 |

STANDARDS FOR CEMENT CONSUMPTION

STATEMENT - 1

Standards for cement consumption for controlled concrete items include in the schedule of Rates.
(For the purpose of assessing cement requirement and for ehservin in actual execution)

| BUILDING ITEMS | | | | |
|---|---------------------|--|-------|--|
| 5.CONCRETE WORK | | | | |
| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
| 1 | 2 | 3 | 4 | 5 |
| CHAPTER-2. MORTARS | | | | |
| CEMENT MORTAR | | | | |
| 02005A | 2.5.11 | 1 : 1 (1 Cement : 1 Sand) | Cu.M. | 1020.00 |
| 02006A | 2.5.12 | 1 : 2 (1 Cement : 2 Sand) | Cu.M. | 680.00 |
| 02007A 02011A | 2.5.13/ 2.5.18 | 1 : 3 (1 Cement : 3 Sand) | Cu.M. | 510.00 |
| 02008A | 2.5.14 | 1 : 4 (1 Cement : 4 Sand) | Cu.M. | 380.00 |
| 02009A 02013A | 2.5.15 / 2.5.20 | 1 : 5 (1 Cement : 5 Sand) | Cu.M. | 310.00 |
| 02010A 02014A | 2.5.16 / 2.5.21 | 1 : 6 (1 Cement : 6 Sand) | Cu.M. | 250.00 |
| 02015A | 0.0 | 1 : 8 (1 Cement : 8 Sand) | Cu.M. | 191.40 |
| CHAPTER-5. CONCRETE WORK CEMENT CONCRETE | | | | |
| [PLAIN OR R. C. C. ORDINARY OR CONTROLLED] | | | | |
| 05003A 05005A | 5.3.2 / 5.3.14 | 1 : 3 : 6 (1 cement : 3 sand : 6 graded aggregates) | Cu.M. | 220.00 |
| 05004A | 5.3.3 | 1 : 4 : 8 (1 cement : 4 Sand : 8 graded aggregates) | Cu.M. | 160.00 |
| 05006A 05008A | 5.3.4 / 5.3.8 | 1 : 5 : 10 (1 cement : 5 Sand : 10 graded aggregates) | Cu.M. | 130.00 |
| 05010AA | 5.3.13 | 1 : 2 : 4 (1 cement : 2 Sand : 4 graded aggregates) | Cu.M. | 320.00 |
| 05012A | 5.4.4 | Reinforced cement concrete 1:2:4 for chhajjas including finishing exposed surface with cement mortar 1:3 (1 cement : 3 sand) | Cu.M. | 393.00 (Including 73 Kg. for finishing) |
| 5017 | 5.4.16 | Smooth finishing of exposed surface with cement mortar 1 : 3 | Sq.M. | 3.67 |
| 05021A | 5.7.1 | Damp proof course with 25 mm thick cement concrete 1:2:4 (1 cement : 2 sand : 4 stone aggregates) | Sq.M. | 8.00 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|----------------------------------|---------------------|---|----------------|--|
| 1 | 2 | 3 | 4 | 5 |
| CHAPTER-6. BRICK WORK | | | | |
| ALL CLASSES | | | | |
| 06001AA 06001BA 06001CA | 6.12 | In cement mortar 1:5 (1 cement : 5 sand) (A) MODULAR (B) CONVENTIONAL | Cu.M. Cu.M. | 65.10 74.40 |
| 06002AA 06002BA 06002CA | 6.13 | In cement mortar 1:6 (1 cement : 6 sand) (A) MODULAR (B) CONVENTIONAL | Cu.M. Cu.M. | 52.50 60.00 |
| 06003AA 06003BA 06003CA | 0.0 | In cement mortar 1:8 (1 cement : 8 sand) (A) MODULAR (B) CONVENTIONAL | Cu.M. Cu.M. | 40.19 45.94 |
| HALF BRICK WORK | | | | |
| ALL CLASSES | | | | |
| 06008A1A 06008A2A 06008A3A | 6.13 (I) | In cement mortar 1:4 (1 cement : 4 sand) (A) MODULAR (B) CONVENTIONAL | Sq.M. Sq.M. | 9.50 10.64 |
| 06008B1A 06008B2A 06008B3A | 6.30 (II) | In cement mortar 1:5 (1 cement : 5 sand) (A) MODULAR (B) CONVENTIONAL | Sq.M. Sq.M. | 7.75 8.68 |
| 06008C1A 06008C2A 06008C3A | 6.31 | In cement mortar 1:3 (1 cement : 3 sand) (A) MODULAR (B) CONVENTIONAL | Sq.M. Sq.M. | 12.75 14.28 |
| MISCELLANEOUS | | | | |
| 06012AA 06012BA 06012CA | 6.55 | Half brick thick honey comb brick work (I) In cement mortar 1:4 (1 cement : 4 sand) (II) In cement mortar 1:5 (1 cement : 5 sand) | Sq.M. Sq.M. | 6.02 4.91 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|---|---------------------|--|----------------|--|
| 1 | 2 | 3 | 4 | 5 |
| CHAPTER-7. STONE WORK AND CONCRETE BLOCK MASONRY | | | | |
| UNCOURSED RUBBLE MASONRY | | | | |
| 07001AA 07001BA 07001CA | 7.6 | (I) In cement mortar 1:6 (1 cement : 6 sand) (II) In cement mortar 1:5 (1 cement : 5 sand) | Cu.M. Cu.M. | 82.50 102.30 |
| COURSED RUBBLE MASONRY | | | | |
| 07004A | 7.17(A) | In Cement motar 1:6 (1 Cement : 6 sand) | Cu.M. | 75.00 |
| 07005AA | 7.17(B) | In Cement motar 1:5 (1 Cement : 5 sand) | Cu.M. | 93.00 |
| 07005BA | 7.17(C) | In Cement motar 1:4 (1 Cement : 4 sand) | Cu.M. | 114.00 |
| 07005CA | 7.17(E) | In Cement motar 1:3 (1 Cement : 3 sand) | Cu.M. | 153.00 |
| 07009A | 0.0 | White stone bela masonry in cement motar 1:4 (1 Cement : 4 Sand) | Sq.M. | 5.70 |
| 07010A | 0.0 | White stone bela masonry in cement motar 1:5 (1 Cement : 5 Sand) | Cu.M. | 65.10 |
| 07011A | 0.0 | White stone bela masonry in partition wall in B.m. 1:6 (1 Cement : 6 Sand) | Cu.M. | 62.50 |
| 07012A | 7.75 | Precast Concrete block masonry in cement motar 1:6 (1 Cement : 6 Sand) | Cu.M. | 23.81 |
| 07014A | 7.82 | Precast Concrete block masonar / in partition wall in cement motar 1 :4 (1 Cement : 4 Sand) | Sq.M. | 4.09 |
| CHAPTER-14. FLOORING/TERRAZO FLOORING | | | | |
| | 14.2 | 40 mm. thick marble chips flooring with under layer 30 mm. thick cement concrete 1:2:4: and top layer 10 mm. thick with marble powder mix 3:1 (3 cement : 1 marble powder by weight) in proporation 4:7 (4 Cement marble powder mix : 7 marble chips by col | | |
| 14001AA | (A) | Dark shade pigment with ordinary cement (In top layer only) | Sq.M. | 16.33 |
| 14001BA | (B) | Light shade pigment with white cement (In top layer only) | Sq.M. | 16.33 (Including 6.36 kg. white cement) |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|---|---------------------|---|-------|--|
| 1 | 2 | 3 | 4 | 5 |
| | 14.4 | 40 mm. thick marble chips flooring with under layer 30 mm. thick cement concrete 1:2:4; and top layer 10 mm. thick with marble chips laid in cement marble Powder mix 3:1 (3 cement : 1 marble powder by weight) in proportion of 4:7 (4 Cement marble powde | | |
| 14002AA | (A) | Dark shade pigment with ordinary cement (In top layer only | Sq.M. | 13.89 |
| 14002BA | (B) | Light shade pigment with white cement (In top layer only) | Sq.M. | 13.89 (Incl. 4.05 kg. white cement) |
| TILE FLOORING | | | | |
| | 14.19 | Precast terrazo tiles 20 mm. thick in flooring on a bed of 25 mm. average thickness in cement motar 1:6 (1 Cement : 6 Sand) jointed with near cement sluely with precast tiles of | | |
| 14004AA | (A) | Light shade using white cement | Sq.M. | 11.61 (Incl. 0.83 kg. white cement) |
| 14004BA | (B) | Dark shade using ordinary cement | Sq.M. | 11.61 (Incl. 0.83 kg. white cement) |
| CHEQUERED TERRAZO TILES FLOORING | | | | |
| | 14.25 | Chequered terrazo tiles 22 mm thick in flooring on a 6 sand jointed with neat cement slurry | | |
| 14006AA | (A) | Light shade using white cement | Sq.M. | 11.61 (Including 0.83 kg of white cement) |
| 14006BA | | Dark shade using ordinary cement | Sq.M. | 11.61 (Including 0.83 kg of white cement) |
| | 14.27 | Chequered terrazo tiles 28 mm thick in tread of stairs and staricases in 12 mm thick bed of c.m. 1:6 (1 Cement : 6 sand) jointed with neat cement slurry | | |
| 14007AA | (A) | Light shade using white cement | Sq.M. | 8.83 (Including 0.83 kg of white cement) |
| 14007BA | (B) | Dark shade using ordinary cement | Sq.M. | 8.83 (Including 0.83 kg of white cement) |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|--|---------------------|---|-------|---|
| 1 | 2 | 3 | 4 | 5 |
| New Items included in the S.O.R. for the year 1985 - 86 (Govt. Letter No. SOR-1083/12/H/(1), dated : 19-3-86) | | | | |
| | | Providing and laying precast terrazo tiles 22 mm thick with white, black or white and black (or of the colour specified in an specification of tenders item) marble chips of sizes from 6 mm to 12 mm. laid in floors, treads of steps and Landing on a bed of 25 mm average thickness of lime mortar 1:1:5 (1 Lime putty 1:5 sand) of C.M. 1:6 jointed with neat cement slurry mixed with pigment to match the shade of tiles including rubbing and polishing complete with precast tiles of | | |
| 14003BA | (A) | Light shade using white cement | Sq.M. | 11.61 (Including 0.83 kg of white cement) |
| 14003CA | (B) | Dark shade using ordinary cement | Sq.M. | 11.61 (Including 0.83 kg of white cement) |
| | 14.21 | Precast terrazo tiles 20 mm thick with marble chips in silkirting and risers of steps 10 mm thick cement plaster 1:3 (1 Cement : 3 Sand jointed with neat cement slurry) | Sq.M. | 11.61 kg. |
| 14005AA | (A) | Light shade using white cement | Sq.M. | 11.35 (Including 0.83 kg of white cement) |
| 14005CA | B) | Dark shade using ordinary cement | Sq.M. | 11.35 (Including 0.83 kg of white cement) |
| WHITE GLAZED TILES FLOORING | | | | |
| 14008AA | 14.29 | White glazed tiles 6 mm thick flooring on a bed of 12 mm thick cement mortar 1:3 (1 cement : 3 sand) & finished with flush jointing in white cement Sq.m. 10.44 | Sq.M. | 10.44 |
| 14009AA | 14.32 | White glazed tiles 6 mm thick skirting and dedo on 10 mm thick cement plaster 1:3 (1 cement : 3 sand) & finished with flush jointing in white cement | Sq.M. | 9.52 |
| KOTAH STONE FLOORING | | | | |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|-----------|---------------------|--|-------|--|
| 1 | 2 | 3 | 4 | 5 |
| | 14.43 | Kotah stone slab flooring over 20 mm average base of cement mortar 1 : 6 (1 Cement : 6 Sand) & jointed with grey cement slurry | | |
| 14012AA | (A) | 25 mm. thick | Sq.M. | 12.00 |
| 14012BA | (B) | 30 mm thick | Sq.M. | 12.40 |
| 14013A | 14.44 | Kotah sotne slab 25 mm. in risers of steps dedo etc. laid on 10 mm. thick cement 1:3 (1 cement : 3 sand) and jointed with grey cement slurry | Sq.M. | 12.52 |
| | 14.46 | Rough chiseled dressed stone flooring ever 20 mm thick base of C.M. 1:5 (1 cement : 5 sand) including pointing with c.m. 1:2 (1 cement : 2 sand) | | |
| 14014AA | (A) | 25 mm. thick | Sq.M. | 9.31 |
| 14014BA | (B) | 40 mm thick | Sq.M. | 9.31 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|---|---------------------|--|-------|--|
| 1 | 2 | 3 | 4 | 5 |
| CEMENT CONCRETE FLOORING | | | | |
| | 14.71 | Cement concrete flooring 1:2:4 (1 cement : 2 sand : 4 stone aggregator) finishing with a fleating coat of neat cement | | |
| 14015AA | (A) | 40 mm. thick | Sq.M. | 15.00 |
| 14015BA | (B) | 50 mm thick | Sq.M. | 18.20 |
| 14016A | 14.74 | Cement concrete paverent 25 mm to 50 mm thick which 1:2:4 (1 cement : 2 sand : 4 stone aggregate) including finising with a floating coat of neat cement | Cu.M. | 37.50 |
| 14017A | 14.81 | 20 mm thick precast concrete tiles on 20 mm. thick bed of c.m. 1:6 (1 cement : 6 sand) jointed with neat cement slurry Cu.m. 13.93 | Sq.M. | 13.93 |
| 14018AA | 14.86 | Chequered precast cement concrete tiles of 22mm thick on 29 cm. 1:6 (1 cement : 6 sand) jointed with neat cement slurry. | Sq.M. | 13.93 |
| 14019A | 14.90 | Bricks on edge flooring laid grouted with c.m. 1:6 including finishing the joints flush | Sq.M. | 6.00 |
| CHAPTER-15. ROOFING | | | | |
| 15007 | 15.26 | filling cement concrete 1:2:4 (1 cement : 2 sand : 4 stone aggregate) in gaps of A.C. sheet corrugation and wings of ridges Metre 1.91 | Metre | 1.91 |
| 15013 | 15.88 | Providing and fixing M.S. holder bat clamps to C.I. or S.C. pipes embeded in and including cement concrete clocks 100 mm x 100 mm x 100 mm size of 1:2:4 (1 cement : 2 sand : 4 stoneaggregate) etc. complete | Each | 1.60 |
| CHAPTER-17. FINISHING CEMENT PLASTER | | | | |
| | 17.58 | 10 mm. thick cement plaster in | | |
| 17001A | (I) | Cement motar 1:3 (1cement : 3 sand) | Sq.M. | 5.82 |
| 17001B | (II) | Cement motar 1:4 (1cement : 4 sand) | Sq.M. | 4.33 |
| 17001C | (III) | Cement motar 1:6 (1cement : 6 sand) | Sq.M. | 2.85 |
| | 17.60 | 15 mm. thick cement plaster in | | |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|-------------------------------|---------------------|---|-------|--|
| 1 | 2 | 3 | 4 | 5 |
| 17002A | (I) | Cement motar 1:3 (1cement : 3 sand) | Sq.M. | 8.42 |
| 17002B | (II) | Cement motar 1:4 (1cement : 4 sand) | Sq.M. | 6.27 |
| 17002C | (III) | Cement motar 1:6 (1cement : 6 sand) | Sq.M. | 4.13 |
| | 17.61 | 20 mm. thick cement plaster in | | |
| 17003A | (I) | Cement motar 1:3 (1cement : 3 sand) | Sq.M. | 11.42 |
| 17003B | (II) | Cement motar 1:4 (1cement : 4 sand) | Sq.M. | 8.51 |
| 17003C | (III) | Cement motar 1:6 (1cement : 6 sand) | Sq.M. | 5.60 |
| 17004A | 17.69 | Finish with a floating coat of neat cement slurry | Sq.M. | 2.20 |
| SAND FACED PLASTER | | | | |
| 17009 | 17.95 | 20 mm thick sand faced cement plaster consisting 12 mm.bacing coat of cm.1:3 (1 cement : 3 sand) and 8 mm thick finising coat of c.m. 1:1 (1 cement : 1 sand) | Sq.M. | 16.83 |
| POINTING OF BRICK WORK | | | | |
| 17010A | 7.116 | Pointing on brick work with cement mortar 1:3 (1 cement : 3 sand) | Sq.M. | 1.53 |
| 17010B | | Pointing on brick work with cement mortar 1:4 (1 cement : 4 sand) | Sq.M. | 1.14 |
| POINTING ON STONE WORK | | | | |
| 17012A | 17.14 | Pointing on coursed stone masonry with cement mortar 1:3 (1 cement : 3 sand) | Sq.M. | 1.17 |
| 17013A | 17.144 | Pointing on uncoursed stone masonry with cement mortar 1:3 (1 cement : 3 sand) | Sq.M. | 1.17 |
| CEMENT VATA | | | | |
| 15 | 0 | Cement vata 10 cm. x 10 cm. size quarter round in cement mortar 1:1 (1 cement : 1 sand including neat cement finishing) | Rmt. | 2.55 |
| CEMENT WASHING | | | | |
| 18012 18013 | 18.29 & 18.30 | Cement washing wih portland cement Slurry on wall (one coat) | Sq.M. | 0.107 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|---|---------------------|--|-------|--|
| 1 | 2 | 3 | 4 | 5 |
| REPAIRS TO BUILDINGS | | | | |
| 21002A | 21.2 | Cutting out cracks of roof terrace to V. Section and grouting with cement and slurry 1:3 (1 cement : 3 sand) | Metre | 0.200 |
| CHAPTER - 24 : DRAINAGE & SEWERAGE ITEMS | | | | |
| | 24.1 | Providing and laying and jointing with stiff mixture of cement mortar in proportion 1:1 (1 cement : 1 sand) slotted glazed stoneware pipes | | |
| 24001AA | (A) | 100 mm. diameter | Metre | 2.170 |
| 24001BA | (B) | 150 mm. diameter | Metre | 3.230 |
| | 24.2 | Providing and laying and cement concrete 1:5:10 (1 cement : 5 sand : 10 stone aggregate) bedding for S.W. pipes of following diameter. | | |
| 24002A | (A) | 100 mm. diameter (112 mm. avg. bed thickness) | Metre | 6.150 |
| 24002B | (B) | 150 mm. diameter (166 mm. avg. bed thickness) | Metre | 10.400 |
| 24005A | 24.18 | Providing laying jointing & pointing with stiff mixture of CM 1 : 1 (1 cement : 1 sand) 150 mm. internal dia. S.W. half round channel | Metre | 1.600 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|--|---------------------|---|-------|--|
| 1 | 2 | 3 | 4 | 5 |
| BRIDGE ITEMS | | | | |
| 3 | | Providing masonry steps with cement pointing step size 0.9 mm wide 0.15 mm riser 0.3 M, tread | Each | 0.64 |
| 12.21.26, 34.52.53 | | Providing and filing with ordinary Cement concrete M-100 | Cu.M. | 220.00 |
| 13.22.27. 31 | | Providing and casting in situ ordinary cement concrete M-150 | Cu.M. | 290.00 |
| 17 | | Providing filling trenches of excavation in rocky state with ordinary cement concrete M-75 | Cu.M. | 160.00 |
| 48 | | Providing uncoursed rubble stone masonry in cement mortar 1:5 including pointing in C.M. 1:3 | Cu.M. | 103.94 |
| 49 (A) (B), (C) | | Providing coursed rubble stone masonry in C.M. 1:3 | Cu.M. | 153.00 |
| 50 | | Extra for providing khandki facing over coursed rubble stone masonry including cement pointing in C..M. 1 :3 | Sq.M. | 1.17 |
| 64, 66 (A) , 74 (A) 91 (A), 93 (A) 103 (A) | | Providing and casting in situ controlled Cement concrete M-200 for R.C.C. works | Cu.M. | 360.00 |
| 65 (A) 67, 73 (A), 90(A), 92 (A), 103 (A) | | Providing and casting in situ controlled cement concrete M-150 for R.C.C. works | Cu.M. | 290.00 |
| 95 (A) | | Providing parapet of ordinary cement concrete M-150 etc complete | Rmt | 35.88 |
| 96 (A) | | Providing parapet of ordinary cement concrete M-200 etc complete | Rmt | 43.20 |
| 97 | | Providing and fixing post and pipe ralling as per detailed drawing (with R.C.C. post 15 cm. x 15 cm. x 1.0 Mt. fixed at 2.00 M.t. c/c | Rmt | 4.125 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|--|---------------------|---|-------|--|
| 1 | 2 | 3 | 4 | 5 |
| <u>STATEMENT - 2</u> <u>(See Note 2 and 3 below)</u> | | | | |
| Standards for cement consumption for controlled concrete items include in the schedule of Rates. (For the purpose of assessing cement requirement and for ehservin in actual execution) | | | | |
| BUILDING ITEMS | | | | |
| 5. CONCRETE WORK | | | | |
| 05023AA | 5.8.1 | Controlled cement concrete M-150 for R.C.C. work | Cu.M. | 290.00 |
| 05024AA | 5.8.2 | Controlled cement concrete M-200 for R.C.C. work | Cu.M. | 360.00 |
| 05025AA | 5.8.3 | Controlled cement concrete M-250 for R.C.C. work | Cu.M. | 380.00 |
| BRIDGE ITEMS | | | | |
| 14,19, 36,45 | | Providing and casting in situ controlled cement concrete M-200 | Cu.M. | 360.00 |
| 35 | | Providing and casting in situ ordinary cement concrete M-150 | Cu.M. | 290.00 |
| 40 | | Providing and laying controlled concrete M- 200 for R.C.C. bored piler of 1.20 M. dia | Cu.M. | 396.00 (360 +10% extra) |
| 44 | | Providing and laying controlled concrete M- 250 for R.C.C. bored piler of 1.20 M. dia | Cu.M. | 418.00 (380 +10% extra) |
| 66 (B), 74 (B), 76, 91 (B) 93 (B) | | Providing & casting in situ controlled cement concrete M=200 for R.C.C. work | Cu.M. | 360.00 |
| 65 (B), 73 (B) 90 (B), 92(B), 102 (B) | | Providing & casting in situ controlled Cement M-150 for R.C.C. Work | Cu.M. | 290.00 |
| 75, 77 | | Providing & casting in situ controlled cement M-250 for R.C.C. work | Cu.M. | 380.00 |
| 80 | | Providing and casting in situ controlled cement concrete M-350 for prestressed concrete work | Cu.M. | 425.00 |
| 81 | | Providing and casting in situ or precast cement concrete M-400 for pre-stressed concrete works. | Cu.M. | 440.00 |
| 82 | | Providing and casting in situ or precast cement concrete M-450 for pre-stressed concrete works. | Cu.M. | 450.00 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|----------------|--|---|-------|--|
| 1 | 2 | 3 | 4 | 5 |
| 94 | | Providing and laying pre-cast R.C.C. Foot path slab in controlled cement concrete M- 200 (7.00 cum. thick including setting cement che quered tiles in 1 : 5) | Cu.M. | 30.72 |
| 95(B) | | Providing parapet of controlled cement concrete M-150 etc. Completed | Rmt | 35.88 |
| 96(B) | | Providing parapet of controlled cement concrete M-200 etc. Completed | Rmt | 43.20 |
| Notes : | 1 Cement consumption is independet of | | | |
| | (a) whether fine / coarse sand in used | | | |
| | (b) Whether 20 mm / 40 mm nominal size of aggregate in used | | | |
| | (c) Whether stone/brick aggregate in used | | | |
| | 2 The cement consumption specified in the above statement are on an average +/- 5% variation in the specified consumption may be permitted | | | |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|-----------------------------|---------------------|---|--------|--|
| 1 | 2 | 3 | 4 | 5 |
| : <u>New Items</u> : | | | | |
| 1 | New | 27mm thick stone wash cement plaster using 1 to 2 Nos. colour or white stone chips 1 : 1:2 as required pattern and color plastering coat of C.M. 1 : 3... | Sq.mt. | 13.42 |
| 2 | 22.20 (similar) | Providing and fixing 1.20 Meter high fencing with 2.0 Meter long M.S. angle posts 40mm x 40mm x 6 mm. | Rmt | 6.50 |
| 3 | 2 | Construction of B.B. masonry paniyara 23cm. x 75 wall and 15 cm x 15 cm curbing. | Rmt | 86.46 |
| 4 | 3 | Constructing a sink(chowkedi) with C.C. 1 : 2 : 4 , 12cm/ thick over B.B. masonry in C.M. 1 : 6 | Rmt | 432.18 |
| 5 | 4 | Constructing a cooking platform 60cm. width and 70cm high resting on B.B. Masonary wall 23 cm. thick in C.M. (1:6) with | | |
| | | i) Fixing or precast R.C.C. 1 : 2 : 4) 8 cm. | Rmt | 61.80 |
| | | ii) Fixing black kadappa stone 30mm | Rmt | 15.36 |
| 6 | 24.19 | Prov. & Fixing S.W. Gully Trap 1) Square Mouth Traps | | |
| | | A) 100 x 100mm size P type | Nos. | 22.95 |
| | | B) 150 x 100 Size P or R Type | Nos. | 22.95 |
| 7 | 24.27 | Constructing Manhole with RCC top slab in 1 : 2 : 4 Mix | | |
| | | A) With 230mm thick walls of brick masonry using brick having crushing strength not less than 35kg/Sq.cm. in Cement Mortar 1 : 5 | | |
| | | 1) A type depth 0.90 Metre for 150mm diameter sewer. | Nos. | 406.36 |
| | | 2) B type depth 1.50 Metre for 150mm diameter sewer. | Nos. | 676.62 |
| | | 3) C type depth 2.25 Metre for 150mm diameter sewer. | Nos. | 767.60 |
| | | 4) D type depth 3.15 Metre for 150mm diameter sewer. | Nos. | 992.51 |
| 8 | 24.28 | (I) Extra rate for constructing B.B. masornary. (I) for depth from 0.9M to1.5M | Nos. | 164.25 |
| | | (ii) Extra rate for constructing B.B. masonry (I) for depth from 1.50M to 2.25M | Nos. | 92.25 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|-----------|---------------------|---|------|--|
| 1 | 2 | 3 | 4 | 5 |
| | | (III) Extra rate for constructing B.B. masonry (III)for depth from 2.25m to 3.15m. | Nos. | 102.18 |
| | | (IV) Extra rate for constructing B.B. masonry (IV) for depth above 3.15m | Nos. | 150.55 |
| 9 | 24.39 | Providing and erecting at the site of work steel ventilating column of 150mm internal diameter and 12.20 Meter High from G.L. | Nos. | 456.20 |
| 10 | 24.4 | Constructing Brick masonry road gully chamber 500mm x 450mm x 600mm | Nos. | 73.34 |
| 11 | 24.41 | Constructing Brick masonry road gully chamber 450mm x 450mm x 775mm | Nos. | 74.06 |
| 12 | 24.42 | Constructing Brick masonry road gully chamber 1100mm x 775mm | Nos. | 135.16 |
| 13 | 24.44 | Constructing brick masonry chamber for underground C.I. Inspection chamber. | | |
| | | (i) Inside dimensions 455mm x 610mm and 450mm deep for single pipe line. | Nos. | 71.12 |
| | | (ii) inside dimensions 500mm x 700mm and 450mm deep for pipe line with one or two inlets. | Nos. | 84.17 |
| | | (iii) inside dimensions 600mm x and 450mm deep for pipe lines with three or more inlets. | Nos. | 106.10 |
| | | | | |
| 14 | 24.46 | Extra over items 24.44 for every additional depth of 0.1M of part thereof beyond 450mm depth for brick masonry chamber. | | |
| | | i) for 455mm x 610mm size | Nos. | 61.83 |
| | | ii) for 500mm x 700mm size | Nos. | 67.82 |
| | | iii) for 600mm x 850mm size | Nos. | 83.19 |
| 15 | 26.107 | Supplying and fixing reinforced concrete in C.M. 1 : 2 NP2 Pipes | | |
| | | i) 300mm dia | Rmt | 1.70 |
| | | ii) 450mm dia | Rmt | 2.72 |
| | | iii) 600mm dia | Rmt | 3.06 |
| | | iv) 750mm dia | Rmt | 3.74 |
| | | v) 900mm dia | Rmt | 4.76 |

| Item Code | Item No. as per NBO | Brief Description of Item | Unit | Quantity of cement to be used per unit quantity of works. [In Kg.] |
|-----------|---------------------|--|------|--|
| 1 | 2 | 3 | 4 | 5 |
| | | vi) 1050mm dia | Rmt | 6.12 |
| | | vii) 1200mm dia | Rmt | 6.80 |
| 16 | 26.107 | Supplying and fixing reinforced concrete in C.M. 1 : 2 NP3 Pipes | | |
| | | i) 300mm dia | Rmt | 1.02 |
| | | ii) 450mm dia | Rmt | 2.04 |
| | | iii) 600mm dia | Rmt | 2.38 |
| | | iv) 750mm dia | Rmt | 3.06 |
| | | v) 900mm dia | Rmt | 3.74 |
| | | vi) 1050mm dia | Rmt | 4.08 |
| | | vii) 1200mm dia | Rmt | 5.10 |
| 17 | 49 | Providing and fixing 5th KM stone in C.C. 1 : 4 : 8 (NH, SHR/ODR) | Nos | 27.54 |
| 18 | 50 | Providing and fixing 5th KM stone in C.C. 1 : 4 : 8 (NH, SHR/ODR) | Nos | 42.24 |
| 19 | 51 | Providing and fixing Ordinary KM stone fixing in C.C. 1 : 4 : 8 (ODR.V.R.) | Nos | 8.00 |
| 20 | 52 | Providing and fixing Ordinary KM stone fixing in C.C. 1 : 4 : 8 (ODR.V.R.) | Nos | 17.60 |
| 21 | 53(II) | Providing and fixing Indicator Stone fixing in C.C. 1 : 4 : 8 | Nos | 11.01 |
| 22 | 54(I)(II) | Supplying and fixing Road sign Board fixing in C.C. 1 : 4 : 8 | Nos | 14.40 |
| 23 | 55 | Providing and fixing Village Name Board Fixing in C.C. 1 : 4 : 8 | Nos | 14.40 |
| 24 | 56,57 | Providing and Fixing Junction Board Fixing in C.C. 1 : 4 : 8 | Nos | 28.80 |
| 25 | | Fixing in C.C. 1 : 5 : 10 Guard Stone, Indicator Stone Hectometer Stone. | Nos | 11.70 |

SIGNATURE SLIP

| Schedule of rates for the year | Rate in Col. No. | Signature of Executive Engineer | Signature of sanctioning & counter-signing | Remarks. |
|--------------------------------|------------------|---------------------------------|--|----------|
| 2021-22 | 5 | | | |

Executive Engineer
Ahmedabad City (R&B) Division
Ahmedabad

Superintending Engineer
Ahmedabad City (R&B) Circle
Ahmedabad