


| Sr. No.                                                                                      | Description                                                                                                                                                                                                         | Unit   | Rate (Rs.) |           |
|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|
|                                                                                              |                                                                                                                                                                                                                     |        | Labour     | Composite |
| <b>FOUNDATION FOR BUILDINGS INCLUDING RAFTS, BRIDGES, WEIRS, APRONS, CULVERTS AND DRAINS</b> |                                                                                                                                                                                                                     |        |            |           |
| 5-1                                                                                          | Dry ramming brick/ stone ballast 1-1/2" to 2" (40mm to 50mm) gauge                                                                                                                                                  | Cu.m.  | 570.95     | 1510.35   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 16.15      | 42.75     |
| 5-2                                                                                          | Providing and laying plain hand mixed cement concrete using brick/ Stone ballast 1-1/2" to 2" (40mm to 50mm) with Local sand in foundation and plinth including leveling, compacting and curing.                    | Cu.m.  | 1163.90    | 6370.60   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 180.40    |
| a)                                                                                           | 1 : 3 : 6                                                                                                                                                                                                           | Cu.m.  | 1163.90    | 6370.60   |
| b)                                                                                           | 1 : 4 : 8                                                                                                                                                                                                           | Cu.m.  | 1163.90    | 5821.15   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 164.85    |
| c)                                                                                           | 1 : 5 : 10                                                                                                                                                                                                          | Cu.m.  | 1163.90    | 5271.65   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 149.30    |
| d)                                                                                           | 1 : 6 : 12                                                                                                                                                                                                          | Cu.m.  | 1163.90    | 4645.35   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 131.55    |
| 5-3                                                                                          | Extra labour charges on item No. 5-2 above for sedimentation tank or filter beds of Public Health engineering works                                                                                                 | Cu.m.  | 437.35     | -         |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 12.40      | -         |
| a)                                                                                           | In bed                                                                                                                                                                                                              | Cu.m.  | 437.35     | -         |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 12.40      | -         |
| b)                                                                                           | On slope                                                                                                                                                                                                            | Cu.m.  | 616.70     | -         |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 17.45      | -         |
| 5-4                                                                                          | Providing and laying plain hand mixed cement concrete using local sand and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.  | Cu.m.  | 1163.90    | 6865.95   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 194.45    |
| a)                                                                                           | 1 : 3 : 6                                                                                                                                                                                                           | Cu.m.  | 1163.90    | 6865.95   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 194.45    |
| b)                                                                                           | 1 : 4 : 8                                                                                                                                                                                                           | Cu.m.  | 1163.90    | 6266.90   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 177.50    |
| c)                                                                                           | 1 : 5 : 10                                                                                                                                                                                                          | Cu.m.  | 1163.90    | 5556.45   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 157.35    |
| d)                                                                                           | 1 : 6 : 12                                                                                                                                                                                                          | Cu.m.  | 1163.90    | 5016.85   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 32.95      | 142.10    |
| 5-5                                                                                          | Providing and laying plain machine mixed cement concrete using Lawrencepur sand and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation including levelling, compacting and curing. | Cu.m.  | 983.65     | 7350.70   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 27.85      | 208.20    |
| a)                                                                                           | 1 : 2 : 4                                                                                                                                                                                                           | Cu.m.  | 983.65     | 7350.70   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 27.85      | 208.20    |
| b)                                                                                           | 1 : 3 : 6                                                                                                                                                                                                           | Cu.m.  | 983.65     | 7116.80   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 27.85      | 201.55    |
| c)                                                                                           | 1 : 4 : 8                                                                                                                                                                                                           | Cu.m.  | 983.65     | 6814.10   |
|                                                                                              |                                                                                                                                                                                                                     | Cu.ft. | 27.85      | 193.00    |

| Sr. No. | Description                                                                                                                                                          | Unit   | Rate (Rs.) |           |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|
|         |                                                                                                                                                                      |        | Labour     | Composite |
| d)      | 1 : 5 : 10                                                                                                                                                           | Cu.m.  | 983.65     | 6511.40   |
|         |                                                                                                                                                                      | Cu.ft. | 27.85      | 184.40    |
| e)      | 1 : 6 : 12                                                                                                                                                           | Cu.m.  | 983.65     | 6021.05   |
|         |                                                                                                                                                                      | Cu.ft. | 27.85      | 170.50    |
| 5-6     | Extra for item 5-5 above if crushed aggregate (Margalla) having maximum size upto 1-1/2" (37mm) & down gauge is used instead of locally available crushed aggregate. |        |            |           |
| a)      | 1 : 2 : 4                                                                                                                                                            | Cu.m.  | -          | 950.85    |
|         |                                                                                                                                                                      | Cu.ft. | -          | 26.95     |
| b)      | 1 : 3 : 6                                                                                                                                                            | Cu.m.  | -          | 995.05    |
|         |                                                                                                                                                                      | Cu.ft. | -          | 28.20     |
| c)      | 1 : 4 : 8                                                                                                                                                            | Cu.m.  | -          | 1017.15   |
|         |                                                                                                                                                                      | Cu.ft. | -          | 28.80     |
| d)      | 1 : 5 : 10                                                                                                                                                           | Cu.m.  | -          | 1039.30   |
|         |                                                                                                                                                                      | Cu.ft. | -          | 29.45     |
| e)      | 1 : 6 : 12                                                                                                                                                           | Cu.m.  | -          | 1050.35   |
|         |                                                                                                                                                                      | Cu.ft. | -          | 29.75     |
| 5-7     | Deduct for item 5-5 above if Local sand is used instead of Lawrencepur sand                                                                                          |        |            |           |
| a)      | 1 : 2 : 4                                                                                                                                                            | Cu.m.  | -          | 617.65    |
|         |                                                                                                                                                                      | Cu.ft. | -          | 17.50     |
| b)      | 1 : 3 : 6                                                                                                                                                            | Cu.m.  | -          | 646.40    |
|         |                                                                                                                                                                      | Cu.ft. | -          | 18.30     |
| c)      | 1 : 4 : 8                                                                                                                                                            | Cu.m.  | -          | 660.75    |
|         |                                                                                                                                                                      | Cu.ft. | -          | 18.70     |
| d)      | 1 : 5 : 10                                                                                                                                                           | Cu.m.  | -          | 675.10    |
|         |                                                                                                                                                                      | Cu.ft. | -          | 19.10     |
| e)      | 1 : 6 : 12                                                                                                                                                           | Cu.m.  | -          | 689.50    |
|         |                                                                                                                                                                      | Cu.ft. | -          | 19.55     |
| 5-8     | Providing and laying cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.  |        |            |           |
| a)      | 1 : 1 : 2                                                                                                                                                            | Cu.m.  | 983.65     | 10579.95  |
|         |                                                                                                                                                                      | Cu.ft. | 27.85      | 299.65    |
| b)      | 1 : 1.5 : 3                                                                                                                                                          | Cu.m.  | 983.65     | 9131.45   |
|         |                                                                                                                                                                      | Cu.ft. | 27.85      | 258.60    |
| c)      | 1 : 2 : 4                                                                                                                                                            | Cu.m.  | 983.65     | 8296.85   |
|         |                                                                                                                                                                      | Cu.ft. | 27.85      | 234.95    |
| d)      | 1 : 3 : 6                                                                                                                                                            | Cu.m.  | 983.65     | 7292.70   |
|         |                                                                                                                                                                      | Cu.ft. | 27.85      | 206.55    |
| e)      | 1 : 4 : 8                                                                                                                                                            | Cu.m.  | 983.65     | 6799.95   |
|         |                                                                                                                                                                      | Cu.ft. | 27.85      | 192.60    |

| Sr. No. | Description                                                                                                                                                                                                             | Unit   | Rate (Rs.) |           |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|
|         |                                                                                                                                                                                                                         |        | Labour     | Composite |
| 5-9     | Extra for item 5-8 above if Margalla crushed aggregate having maximum size upto 3/4" (19mm) & down gauge is used instead of locally available crushed aggregate.                                                        |        |            |           |
| a)      | 1 : 1 : 2                                                                                                                                                                                                               | Cu.m.  | -          | 1439.75   |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 40.75     |
| b)      | 1 : 1.5 : 3                                                                                                                                                                                                             | Cu.m.  | -          | 1570.65   |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 44.50     |
| c)      | 1 : 2 : 4                                                                                                                                                                                                               | Cu.m.  | -          | 1645.45   |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 46.60     |
| d)      | 1 : 3 : 6                                                                                                                                                                                                               | Cu.m.  | -          | 1720.25   |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 48.70     |
| e)      | 1 : 4 : 8                                                                                                                                                                                                               | Cu.m.  | -          | 1776.35   |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 50.30     |
| 5-10    | Deduct for item 5-8 above if Local sand is used instead of Lawrencepur sand.                                                                                                                                            |        |            |           |
| a)      | 1 : 1 : 2                                                                                                                                                                                                               | Cu.m.  | -          | 560.20    |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 15.85     |
| b)      | 1 : 1.5 : 3                                                                                                                                                                                                             | Cu.m.  | -          | 603.30    |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 17.10     |
| c)      | 1 : 2 : 4                                                                                                                                                                                                               | Cu.m.  | -          | 632.05    |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 17.90     |
| d)      | 1 : 3 : 6                                                                                                                                                                                                               | Cu.m.  | -          | 660.75    |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 18.70     |
| e)      | 1 : 4 : 8                                                                                                                                                                                                               | Cu.m.  | -          | 675.10    |
|         |                                                                                                                                                                                                                         | Cu.ft. | -          | 19.10     |
| 5-11    | Providing and laying in situ cement concrete using Lawrencepur sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing |        |            |           |
| a)      | 1 : 2 : 4                                                                                                                                                                                                               | Cu.m.  | 1046.15    | 7779.25   |
|         |                                                                                                                                                                                                                         | Cu.ft. | 29.65      | 220.30    |
| b)      | 1 : 3 : 6                                                                                                                                                                                                               | Cu.m.  | 1046.15    | 7545.35   |
|         |                                                                                                                                                                                                                         | Cu.ft. | 29.65      | 213.70    |
| c)      | 1 : 4 : 8                                                                                                                                                                                                               | Cu.m.  | 1046.15    | 7242.65   |
|         |                                                                                                                                                                                                                         | Cu.ft. | 29.65      | 205.10    |
| d)      | 1 : 5 : 10                                                                                                                                                                                                              | Cu.m.  | 1046.15    | 6939.95   |
|         |                                                                                                                                                                                                                         | Cu.ft. | 29.65      | 196.55    |
| e)      | 1 : 6 : 12                                                                                                                                                                                                              | Cu.m.  | 1046.15    | 6449.55   |
|         |                                                                                                                                                                                                                         | Cu.ft. | 29.65      | 182.65    |



| Sr. No. | Description                                                                                                                                                                                                                                                          | Unit            | Rate (Rs.)       |                    |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--------------------|
|         |                                                                                                                                                                                                                                                                      |                 | Labour           | Composite          |
| 5-12    | Providing and laying in situ cement concrete using Lawrencepur sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties, compaction, curing and removal of formwork |                 |                  |                    |
| a)      | 1 : 2 : 4                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 1046.15<br>29.65 | 8629.90<br>244.40  |
| b)      | 1 : 3 : 6                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 1046.15<br>29.65 | 7721.25<br>218.65  |
| c)      | 1 : 4 : 8                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 1046.15<br>29.65 | 7228.45<br>204.70  |
| d)      | 1 : 5 : 10                                                                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 1046.15<br>29.65 | 5501.55<br>155.80  |
| e)      | 1 : 6 : 12                                                                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 1046.15<br>29.65 | 5321.95<br>150.70  |
|         | <b>WALLS AND PIERS</b>                                                                                                                                                                                                                                               |                 |                  |                    |
| 5-13    | Providing & laying in situ cement concrete in wall and piers etc, upto 9" (225mm) in thickness using Lawrencepur sand & crushed aggregate 3/4" (19mm) & down gauge including compacting, curing, cost of formwork and its removal in basement and ground floor       |                 |                  |                    |
| a)      | 1 : 1 : 2                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 12524.35<br>354.70 |
| b)      | 1 : 1.5 : 3                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 11075.85<br>313.65 |
| c)      | 1 : 2 : 4                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 10145.75<br>287.35 |
| d)      | 1 : 3 : 6                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 9237.10<br>261.60  |
| e)      | 1 : 4 : 8                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 8744.30<br>247.65  |
| f)      | Extra for first floor                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 97.00<br>2.75    | 378.20<br>10.70    |
| g)      | Extra for every additional floor above first floor                                                                                                                                                                                                                   | Cu.m.<br>Cu.ft. | 72.75<br>2.05    | 283.65<br>8.05     |
| 5-14    | Same as in item 5-13 but in walls and piers above 9"to 18" 225mm to 450mm) in thickness.                                                                                                                                                                             |                 |                  |                    |
| a)      | 1 : 1 : 2                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 11436.50<br>323.90 |
| b)      | 1 : 1.5 : 3                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 9988.00<br>282.85  |
| c)      | 1 : 2 : 4                                                                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 9057.95<br>256.55  |

| Sr. No.                                                                           | Description                                                                                                                                                                                                                                                              | Unit   | Rate (Rs.) |           |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|
|                                                                                   |                                                                                                                                                                                                                                                                          |        | Labour     | Composite |
| d)                                                                                | 1 : 3 : 6                                                                                                                                                                                                                                                                | Cu.m.  | 969.90     | 8149.25   |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 27.45      | 230.80    |
| e)                                                                                | 1 : 4 : 8                                                                                                                                                                                                                                                                | Cu.m.  | 969.90     | 7656.45   |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 27.45      | 216.85    |
| f)                                                                                | Extra for first floor                                                                                                                                                                                                                                                    | Cu.m.  | 97.00      | 269.40    |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 2.75       | 7.65      |
| g)                                                                                | Extra for every additional floor above first floor                                                                                                                                                                                                                       | Cu.m.  | 72.75      | 202.05    |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 2.05       | 5.70      |
|  |                                                                                                                                                                                                                                                                          |        |            |           |
| <b>COLUMNS AND PILLARS</b>                                                        |                                                                                                                                                                                                                                                                          |        |            |           |
| 5-15                                                                              | Providing and laying in situ cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in super structure including compacting, curing, cost of form-work & its removal in basement and ground floor.  |        |            |           |
| a)                                                                                | 1 : 1 : 2                                                                                                                                                                                                                                                                | Cu.m.  | 969.90     | 12765.15  |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 27.45      | 361.50    |
| b)                                                                                | 1 : 1.5 : 3                                                                                                                                                                                                                                                              | Cu.m.  | 969.90     | 11316.65  |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 27.45      | 320.50    |
| c)                                                                                | 1 : 2 : 4                                                                                                                                                                                                                                                                | Cu.m.  | 969.90     | 10386.60  |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 27.45      | 294.15    |
| d)                                                                                | 1 : 3 : 6                                                                                                                                                                                                                                                                | Cu.m.  | 969.90     | 9477.90   |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 27.45      | 268.40    |
| e)                                                                                | Extra for first floor                                                                                                                                                                                                                                                    | Cu.m.  | 97.00      | 402.30    |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 2.75       | 11.40     |
| f)                                                                                | Extra for every additional floor above first floor                                                                                                                                                                                                                       | Cu.m.  | 72.75      | 269.40    |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 2.05       | 7.65      |
| g)                                                                                | Extra for minarets of mosque                                                                                                                                                                                                                                             | Cu.m.  | 97.00      | 202.05    |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 2.75       | 5.70      |
| <b>BEAMS, SLABS AND LINTELS</b>                                                   |                                                                                                                                                                                                                                                                          |        |            |           |
| 5-16 a)                                                                           | Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in beams, lintels and cantilevers of required shape or section including formwork and its removal compacting and curing in basement and ground floor. | Cu.m.  | 969.90     | 10126.20  |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 27.45      | 286.80    |
| b)                                                                                | Extra for first floor                                                                                                                                                                                                                                                    | Cu.m.  | 97.00      | 376.25    |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 2.75       | 10.65     |
| c)                                                                                | Extra for every additional floor above first floor                                                                                                                                                                                                                       | Cu.m.  | 72.75      | 390.45    |
|                                                                                   |                                                                                                                                                                                                                                                                          | Cu.ft. | 2.05       | 11.05     |

| Sr. No. | Description                                                                                                                                                                           | Unit                                                                                                                                                                                                                              | Rate (Rs.)      |                    |                    |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|--------------------|
|         |                                                                                                                                                                                       |                                                                                                                                                                                                                                   | Labour          | Composite          |                    |
| 5-17    | Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing |                                                                                                                                                                                                                                   |                 |                    |                    |
|         | a) Upto 6" (150 mm) thickness                                                                                                                                                         |                                                                                                                                                                                                                                   |                 |                    |                    |
|         | i) In basement, plinth and ground floor                                                                                                                                               | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 969.90<br>27.45 | 10317.95<br>292.20 |                    |
|         | ii) Extra for first floor                                                                                                                                                             | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 97.00<br>2.75   | 395.40<br>11.20    |                    |
|         | iii) Extra for every additional floor above first floor                                                                                                                               | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 72.75<br>2.05   | 296.55<br>8.40     |                    |
|         | iv) Extra for sloping roofs for slope more than 15 degrees                                                                                                                            | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 48.50<br>1.35   | 197.70<br>5.60     |                    |
|         | b) Above 6" (150 mm) upto 12" (300 mm) thickness                                                                                                                                      |                                                                                                                                                                                                                                   |                 |                    |                    |
|         | i) In basement, plinth and ground floor                                                                                                                                               | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 969.90<br>27.45 | 10371.35<br>293.70 |                    |
|         | ii) Extra for first floor                                                                                                                                                             | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 97.00<br>2.75   | 400.75<br>11.35    |                    |
|         | iii) Extra for every additional floor above first floor                                                                                                                               | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 72.75<br>2.05   | 300.55<br>8.50     |                    |
|         | iv) Extra for sloping roofs for slope more than 15 degrees                                                                                                                            | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 48.50<br>1.35   | 204.65<br>5.80     |                    |
|         | c) Above 12" (300 mm) thickness                                                                                                                                                       |                                                                                                                                                                                                                                   |                 |                    |                    |
|         | i) In basement, plinth and ground floor                                                                                                                                               | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 969.90<br>27.45 | 11890.40<br>336.75 |                    |
|         | ii) Extra for first floor                                                                                                                                                             | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 97.00<br>2.75   | 671.00<br>19.00    |                    |
|         | iii) Extra for every additional floor above first floor                                                                                                                               | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 72.75<br>2.05   | 503.25<br>14.25    |                    |
|         | iv) Extra for sloping roofs for slope more than 15 degrees                                                                                                                            | Cu.m.<br>Cu.ft.                                                                                                                                                                                                                   | 48.50<br>1.35   | 280.60<br>7.95     |                    |
|         | 5-18                                                                                                                                                                                  | Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in barrel type shell roof upto 4" (100mm) in thickness including formwork and its removal, compacting & curing |                 |                    |                    |
|         |                                                                                                                                                                                       | i) In Ground Floor                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 2119.15<br>60.00   | 14974.95<br>424.10 |
|         |                                                                                                                                                                                       | ii) Extra for first floor                                                                                                                                                                                                         | Cu.m.<br>Cu.ft. | 211.90<br>6.00     | 649.20<br>18.40    |
|         |                                                                                                                                                                                       | iii) Extra for every additional floor above first floor                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 158.95<br>4.50     | 486.90<br>13.80    |



| Sr. No.                                                      | Description                                                                                                                                                                                                                                                                                                                                     | Unit            | Rate (Rs.)      |                    |
|--------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|--------------------|
|                                                              |                                                                                                                                                                                                                                                                                                                                                 |                 | Labour          | Composite          |
| <b>ARCHES AND ORNAMENTAL WORK</b>                            |                                                                                                                                                                                                                                                                                                                                                 |                 |                 |                    |
| 5-19                                                         | Providing and laying in situ cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in arches with spandrels, in basement and ground floor including compacting, curing, cost of formwork and its removal                                                                                                      |                 |                 |                    |
| a)                                                           | 1 : 1 : 2                                                                                                                                                                                                                                                                                                                                       | Cu.m.<br>Cu.ft. | 969.90<br>27.45 | 13250.85<br>375.25 |
| b)                                                           | 1 : 1.5 : 3                                                                                                                                                                                                                                                                                                                                     | Cu.m.<br>Cu.ft. | 969.90<br>27.45 | 11802.35<br>334.25 |
| c)                                                           | 1 : 2 : 4                                                                                                                                                                                                                                                                                                                                       | Cu.m.<br>Cu.ft. | 969.90<br>27.45 | 10872.25<br>307.90 |
| d)                                                           | 1 : 3 : 6                                                                                                                                                                                                                                                                                                                                       | Cu.m.<br>Cu.ft. | 969.90<br>27.45 | 9963.60<br>282.20  |
| e)                                                           | Extra for first floor                                                                                                                                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 97.00<br>2.75   | 450.85<br>12.75    |
| f)                                                           | Extra for every additional floor above first floor                                                                                                                                                                                                                                                                                              | Cu.m.<br>Cu.ft. | 72.75<br>2.05   | 338.15<br>9.60     |
| <b>BALCONY, SUN SHADES, PARAPETS, EAVE BOARDS AND STAIRS</b> |                                                                                                                                                                                                                                                                                                                                                 |                 |                 |                    |
| 5-20                                                         | a) Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in balustrade of stairs or balcony, sun breakers, sun shades, parapets and eave boards upto 3" (75 mm) of required shape or section including formwork & its removal, compacting and curing in basement and ground floor. | Cu.m.<br>Cu.ft. | 969.90<br>27.45 | 11530.60<br>326.55 |
| b)                                                           | Extra for first floor                                                                                                                                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 97.00<br>2.75   | 516.70<br>14.65    |
| c)                                                           | Extra for every additional floor above first floor                                                                                                                                                                                                                                                                                              | Cu.m.<br>Cu.ft. | 72.75<br>2.05   | 387.50<br>10.95    |
| 5-21                                                         | a) Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) & down gauge in stairs of any shape or section including formwork & its removal, compacting and curing in basement and ground floor.                                                                                                     | Cu.m.<br>Cu.ft. | 969.90<br>27.45 | 9896.20<br>280.25  |
| b)                                                           | Extra for first floor                                                                                                                                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 97.00<br>2.75   | 353.25<br>10.00    |
| c)                                                           | Extra for every additional floor above first floor                                                                                                                                                                                                                                                                                              | Cu.m.<br>Cu.ft. | 72.75<br>2.05   | 264.95<br>7.50     |

| Sr. No.                                    | Description                                                                                                                                                                                                                                                    | Unit            | Rate (Rs.)       |                    |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|--------------------|
|                                            |                                                                                                                                                                                                                                                                |                 | Labour           | Composite          |
| <b>UNDER GROUND/ OVERHEAD TANKS</b>        |                                                                                                                                                                                                                                                                |                 |                  |                    |
| 5-22                                       | Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in underground tank, septic tank and underground drain including formwork and its removal, compacting and curing.                           |                 |                  |                    |
| a)                                         | Foundation and floor slab                                                                                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 8411.90<br>238.25  |
| b)                                         | Walls                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 9057.95<br>256.55  |
| c)                                         | Top slab upto 6" (150 mm) thick                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 10317.95<br>292.20 |
| 5-23                                       | Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in overhead water tanks and silos at a height of 10m (32.8' ) above ground level including formwork and its removal, compacting and curing. |                 |                  |                    |
| a)                                         | Column footing                                                                                                                                                                                                                                                 | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 8411.90<br>238.25  |
| b)                                         | Columns and braces                                                                                                                                                                                                                                             | Cu.m.<br>Cu.ft. | 1866.00<br>52.85 | 11297.80<br>319.95 |
| c)                                         | Beams                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 1866.00<br>52.85 | 11660.15<br>330.20 |
| d)                                         | Walls                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 10370.25<br>293.70 |
| e)                                         | Bottom slab                                                                                                                                                                                                                                                    | Cu.m.<br>Cu.ft. | 1866.00<br>52.85 | 11670.80<br>330.50 |
| f)                                         | Top slab                                                                                                                                                                                                                                                       | Cu.m.<br>Cu.ft. | 1866.00<br>52.85 | 12408.90<br>351.45 |
| g)                                         | Extra for every additional height of 3 ft. (1 m) or part thereof above Item 5-23 (a to f)                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 189.10<br>5.35   | 189.10<br>5.35     |
| h)                                         | Deduction for every lesser height of 3 ft (1 m.) or part thereof above Item 5-23 (a to f)                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 170.30<br>4.80   | 170.30<br>4.80     |
| <b>ADDITIONAL FOR CHANGE IN MIX DESIGN</b> |                                                                                                                                                                                                                                                                |                 |                  |                    |
| 5-24                                       | Extra on item 5-16 to 5-18 and 5-20 to 5-23 for cement concrete 1:1.5:3 instead of 1:2:4.                                                                                                                                                                      | Cu.m.<br>Cu.ft. | -<br>-           | 930.05<br>26.35    |
| 5-25                                       | Extra on item 5-16 to 5-18 and 5-20 to 5-23 for cement concrete 1:1:2 instead of 1:2:4.                                                                                                                                                                        | Cu.m.<br>Cu.ft. | -<br>-           | 2378.55<br>67.35   |



| Sr. No.                      | Description                                                                                                                                                                                                                                                                               | Unit   | Rate (Rs.) |           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|
|                              |                                                                                                                                                                                                                                                                                           |        | Labour     | Composite |
| <b>MISCELLANEOUS</b>         |                                                                                                                                                                                                                                                                                           |        |            |           |
| 5-26 a)                      | Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in sill and bed plates of required shape or section including formwork and its removal, compacting and curing in basement and ground floor.                            | Cu.m.  | 969.90     | 9448.10   |
|                              |                                                                                                                                                                                                                                                                                           | Cu.ft. | 27.45      | 267.60    |
| b)                           | Extra for first floor                                                                                                                                                                                                                                                                     | Cu.m.  | 97.00      | 308.45    |
|                              |                                                                                                                                                                                                                                                                                           | Cu.ft. | 2.75       | 8.75      |
| c)                           | Extra for every additional floor above first floor                                                                                                                                                                                                                                        | Cu.m.  | 72.75      | 231.35    |
|                              |                                                                                                                                                                                                                                                                                           | Cu.ft. | 2.05       | 6.55      |
| 5-27 a)                      | Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm) and down gauge in precast shelves coping, cornices, eave boards, hood, fencing posts and manhole covers etc. including formwork & its removal, compacting and curing in ground floor. | Cu.m.  | 969.90     | 9393.25   |
|                              |                                                                                                                                                                                                                                                                                           | Cu.ft. | 27.45      | 266.00    |
| b)                           | Extra for first floor                                                                                                                                                                                                                                                                     | Cu.m.  | 97.00      | 302.95    |
|                              |                                                                                                                                                                                                                                                                                           | Cu.ft. | 2.75       | 8.60      |
| c)                           | Extra for every additional floor above first floor                                                                                                                                                                                                                                        | Cu.m.  | 72.75      | 227.20    |
|                              |                                                                                                                                                                                                                                                                                           | Cu.ft. | 2.05       | 6.45      |
| 5-28                         | Providing and fixing precast cement concrete jali or louvers upto 2" (50mm) thick in required shape including formwork and its removal, compacting and curing.                                                                                                                            |        |            |           |
| a) 1 : 2                     |                                                                                                                                                                                                                                                                                           | Sq.m.  | 171.70     | 424.55    |
|                              |                                                                                                                                                                                                                                                                                           | Sq.ft. | 15.95      | 39.45     |
| b) 1 : 3                     |                                                                                                                                                                                                                                                                                           | Sq.m.  | 171.70     | 376.50    |
|                              |                                                                                                                                                                                                                                                                                           | Sq.ft. | 15.95      | 35.00     |
| c) 1 : 4                     |                                                                                                                                                                                                                                                                                           | Sq.m.  | 171.70     | 346.70    |
|                              |                                                                                                                                                                                                                                                                                           | Sq.ft. | 15.95      | 32.20     |
| 5-29                         | Providing and laying light weight concrete using 1 cement 6 cinder or similar material having weight not more than 650 kg/cubic meter including air-entraining agents, formwork, its removal, compacting and curing.                                                                      | Cu.m.  | 1265.75    | 8218.05   |
|                              |                                                                                                                                                                                                                                                                                           | Cu.ft. | 35.85      | 232.75    |
| 5-30                         | Extra for providing and using cement other than ordinary portland cement.                                                                                                                                                                                                                 |        |            |           |
| a) Sulphate resisting cement |                                                                                                                                                                                                                                                                                           | Tonne  | -          | 11102.00  |
|                              |                                                                                                                                                                                                                                                                                           | Ton    | -          | 11280.20  |
| b) High alumina cement       |                                                                                                                                                                                                                                                                                           | Tonne  | -          | 14704.40  |
|                              |                                                                                                                                                                                                                                                                                           | Ton    | -          | 14940.40  |
| c) Rapid hardening cement    |                                                                                                                                                                                                                                                                                           | Tonne  | -          | 12253.70  |
|                              |                                                                                                                                                                                                                                                                                           | Ton    | -          | 12450.35  |
| 5-31                         | Providing and using any approved accelerating agent in cement concrete.                                                                                                                                                                                                                   | Kg.    | -          | 327.80    |
|                              |                                                                                                                                                                                                                                                                                           | Lb.    | -          | 148.70    |
| 5-32                         | Providing and using in concrete any approved retarding agent.                                                                                                                                                                                                                             | Kg.    | -          | 94.35     |
|                              |                                                                                                                                                                                                                                                                                           | Lb.    | -          | 42.80     |

| Sr. No. | Description                                                                                                                                                                                                                                       | Unit            | Rate (Rs.)       |                   |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|-------------------|
|         |                                                                                                                                                                                                                                                   |                 | Labour           | Composite         |
| 5-33    | Providing and using in concrete any approved wetting agent.                                                                                                                                                                                       | Liter<br>Gallon | -<br>-           | 242.60<br>1101.40 |
| 5-34    | Providing and using concrete additives.                                                                                                                                                                                                           |                 |                  |                   |
| a)      | Pudlo or similar                                                                                                                                                                                                                                  | Kg.<br>Lb.      | -<br>-           | 87.60<br>39.75    |
| b)      | Pucca kam or similar                                                                                                                                                                                                                              | Kg.<br>Lb.      | -<br>-           | 47.20<br>21.40    |
| 5-35    | Providing and applying two coats of hot bitumen (maxphalt 80/100 or equivalent) using 1.22 kg. per sq.metre for first coat and 1.0 kg. per Sq.m. for 2nd coat including cleaning the surface, heating and spraying the asphalt on concrete faces. | Sq.m.<br>Sq.ft. | 20.45<br>1.90    | 286.95<br>26.65   |
| 5-36    | Forming expansion joints with cork sheet including one coat of bitumen and preparation of surface.                                                                                                                                                |                 |                  |                   |
| a)      | 1/2" (12.5 mm) thick                                                                                                                                                                                                                              | Sq.m.<br>Sq.ft. | 86.30<br>8.00    | 855.85<br>79.55   |
| b)      | 3/4" (19 mm) thick                                                                                                                                                                                                                                | Sq.m.<br>Sq.ft. | 86.30<br>8.00    | 1100.90<br>102.30 |
| c)      | 1" (25 mm) thick                                                                                                                                                                                                                                  | Sq.m.<br>Sq.ft. | 86.30<br>8.00    | 1713.60<br>159.25 |
| d)      | 1-1/2" (37.5 mm) thick                                                                                                                                                                                                                            | Sq.m.<br>Sq.ft. | 86.30<br>8.00    | 2203.75<br>204.80 |
| e)      | 2" (50 mm) thick                                                                                                                                                                                                                                  | Sq.m.<br>Sq.ft. | 86.30<br>8.00    | 2693.90<br>250.35 |
| f)      | G.I. corrugated sheet of any gauge and thickness                                                                                                                                                                                                  | Kg.<br>Lb.      | 86.30<br>39.15   | 227.85<br>103.35  |
| 5-37    | Providing and laying joint sealing compound.                                                                                                                                                                                                      | Liter<br>Gallon | 126.90<br>576.15 | 502.55<br>2281.60 |
| 5-38    | Providing and fixing P.V.C. ribbed waterstop in vertical or horizontal expansion joints including cutting or jointing.                                                                                                                            |                 |                  |                   |
| a)      | P.V.C. ribbed water stop 4.5" (114 mm) wide                                                                                                                                                                                                       | R.M.<br>R.ft.   | 49.00<br>14.95   | 263.45<br>80.30   |
| b)      | P.V.C. ribbed water stop 6" (150 mm) wide                                                                                                                                                                                                         | R.M.<br>R.ft.   | 49.00<br>14.95   | 294.10<br>89.65   |
| c)      | P.V.C. ribbed water stop 9" (225 mm) wide                                                                                                                                                                                                         | R.M.<br>R.ft.   | 49.00<br>14.95   | 90.70<br>27.65    |
| 5-39    | Drilling and grouting holes upto 3" (75 mm) dia in existing concrete for reinforcement bars.                                                                                                                                                      | R.M.<br>R.ft.   | 111.00<br>33.85  | 219.50<br>66.90   |
| 5-40    | Grouting base plates, rails, anchor bolts foundation bolts and anchor frames of guide rails etc.                                                                                                                                                  | Sq.m.<br>Sq.ft. | 365.40<br>33.95  | 698.00<br>64.85   |

| Sr. No.                                                                                                        | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Rate (Rs.)         |                       |                    |
|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------|--------------------|
|                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Labour             | Composite             |                    |
| 5-41                                                                                                           | Welding (electric) reinforcement with existing bars - joint length 2" to 3" (50mm to 75mm).                                                                                                                                                                                                                                                                                                                                                                           | Each                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7.50               | 38.10                 |                    |
| 5-42                                                                                                           | Nicking hard cement concrete surface                                                                                                                                                                                                                                                                                                                                                                                                                                  | Sq.m.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 47.65              | 47.65                 |                    |
|                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sq.ft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4.45               | 4.45                  |                    |
| <b>STEEL REINFORCEMENT</b>                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                       |                    |
| 5-43                                                                                                           | a) Providing, fabricating and laying mild steel Grade 36 reinforcement for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or M.S. chairs for binding and holding the reinforcement in position is inclusive upto 15 ft (5m) height | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4736.65<br>4812.65 | 99071.15<br>100661.25 |                    |
|                                                                                                                | b) Extra on item 5-43 (a) for overhead tanks at a height of 30 ft. (10m)                                                                                                                                                                                                                                                                                                                                                                                              | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1434.70<br>1457.75 | 1434.70<br>1457.75    |                    |
|                                                                                                                | c) Extra on item 5-43 (a) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height                                                                                                                                                                                                                                                                                                                                    | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1015.05<br>1031.35 | 1015.05<br>1031.35    |                    |
|                                                                                                                | d) Extra on item 5-43( c) for every additional height of 3 ft. (1 m) or part thereof above 50 ft.(15 m) height                                                                                                                                                                                                                                                                                                                                                        | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 507.50<br>515.65   | 507.50<br>515.65      |                    |
|                                                                                                                | e) Deduct for every lesser height of 3 ft. (1 m) or part thereof below 30 ft. (10 m) height on item No.5-43(b)                                                                                                                                                                                                                                                                                                                                                        | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1015.05<br>1031.35 | 1015.05<br>1031.35    |                    |
|                                                                                                                | f) Extra for first floor on Item No.5-43(a)                                                                                                                                                                                                                                                                                                                                                                                                                           | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1268.80<br>1289.15 | 1268.80<br>1289.15    |                    |
|                                                                                                                | g) Extra for every additional floor above first floor on item No.5-43(f)                                                                                                                                                                                                                                                                                                                                                                                              | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 761.30<br>773.50   | 761.30<br>773.50      |                    |
|                                                                                                                | 5-44                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | a) Providing, fabricating and laying deformed Grade 40 steel reinforcement for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height | Tonne<br>Ton       | 4,737<br>4,813        | 107,696<br>109,425 |
|                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | b) Extra on item 5-44 (a) for overhead tanks at a height of 30 ft. (10m)                                                                                                                                                                                                                                                                                                                                                                                              | Tonne<br>Ton       | 1434.70<br>1457.75    | 1434.70<br>1457.75 |
|                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | c) Extra on item 5-44 (a) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height                                                                                                                                                                                                                                                                                                                                    | Tonne<br>Ton       | 1015.05<br>1031.35    | 1015.05<br>1031.35 |
| d) Extra on item 5-44( c) for every additional height of 3 ft. (1 m) or part thereof above 50 ft.(15 m) height |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 507.50<br>515.65   | 507.50<br>515.65      |                    |
| e) Deduct for every lesser height of 3 ft. (1 m) or part thereof below 30 ft. (10m) height on item No.5-44(b)  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1015.05<br>1031.35 | 1015.05<br>1031.35    |                    |
| f) Extra for first floor on Item No.5-44(a)                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tonne<br>Ton                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1268.80<br>1289.15 | 1268.80<br>1289.15    |                    |

| Sr. No.              | Description                                                                                                                                                                                              | Unit   | Rate (Rs.) |           |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|
|                      |                                                                                                                                                                                                          |        | Labour     | Composite |
| g)                   | Extra for every additional floor above first floor on item No.5-44(f)                                                                                                                                    | Tonne  | 761.30     | 761.30    |
|                      |                                                                                                                                                                                                          | Ton    | 773.50     | 773.50    |
| h)                   | Extra over item 5-44(a) for deformed bars Grade 60 having yield strength equal to 60,000 psi                                                                                                             | Tonne  | -          | 3050.00   |
|                      |                                                                                                                                                                                                          | Ton    | -          | 3098.95   |
| i)                   | Extra for Tor-steel over item 5-44(a)                                                                                                                                                                    | Tonne  | -          | 87931.50  |
|                      |                                                                                                                                                                                                          | Ton    | -          | 89342.80  |
| <b>FOAM CONCRETE</b> |                                                                                                                                                                                                          |        |            |           |
| 5-45                 | Providing and laying concrete using foaming agent similar and of equal quality to foamlight. The proportions, mixing, placing and curing shall be in accordance with the manufacturer's recommendations. |        |            |           |
| a)                   | Dry density 320-400 kg/cu.m. with cement & 2.90 pint foamlight and compressive strength 0.45N/mm2.                                                                                                       | Cu.m.  | 1296.55    | 6208.35   |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 175.80    |
| b)                   | Dry density 480-560 kg/cu.m. with 1 cement : 1 sand, 3.10 pint. foamlight and compressive strength 0.75N/mm2                                                                                             | Cu.m.  | 1296.55    | 9000.80   |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 254.90    |
| i)                   | Dry density 640-720 kg/cu.m. with 1 cement : 1 sand, 3.75 pint. foamlight and compressive strength 1.25N/mm2                                                                                             | Cu.m.  | 1296.55    | 18700.40  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 529.60    |
| ii)                  | Dry density 800-880 kg/cu.m. with 1 cement : 1 sand, 4.20 pint. foamlight and compressive strength 2.75N/mm2                                                                                             | Cu.m.  | 1296.55    | 22586.05  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 639.65    |
| c)                   | Dry density 480-560 kg/cu.m. with 1 cement : 2 sand, 3.10 pint. foamlight and compressive strength 0.50N/mm2                                                                                             | Cu.m.  | 1296.55    | 17080.00  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 483.70    |
| ii)                  | Dry density 640-720 kg/cu.m. with 1 cement : 2 sand, 3.75 pint. foamlight and compressive strength 0.60N/mm2                                                                                             | Cu.m.  | 1296.55    | 21666.85  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 613.60    |
| iii)                 | Dry density 800-880 kg/cu.m. with 1 cement : 2 sand, 4.20 pint. foamlight and compressive strength 0.60N/mm2                                                                                             | Cu.m.  | 1296.55    | 26240.05  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 743.15    |
| iv)                  | Dry density 960-1120 kg/cu.m. with 1 cement : 2 sand, 4.40 pint. foamlight and compressive strength 1.55N/mm2                                                                                            | Cu.m.  | 1296.55    | 31950.90  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 904.85    |
| v)                   | Dry density 1200-1360 kg/cu.m. with 1 cement : 2 sand, 4.80 pint. foamlight and compressive strength 3.30N/mm2                                                                                           | Cu.m.  | 1296.55    | 38803.80  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 1098.95   |
| d)                   | Dry density 800-880 kg/cu.m. with 1 cement : 3 sand, 4.20 pint. foamlight and compressive strength 0.55N/mm2                                                                                             | Cu.m.  | 1296.55    | 28098.95  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 795.80    |
| ii)                  | Dry density 960-1120 kg/cu.m. with 1 cement : 3 sand, 4.40 pint. foamlight and compressive strength 1.40N/mm2                                                                                            | Cu.m.  | 1296.55    | 34234.80  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 969.55    |
| iii)                 | Dry density 1200-1360 kg/cu.m. with 1 cement : 3 sand, 4.80 pint. Foamlight and compressive strength 2.50N/mm2                                                                                           | Cu.m.  | 1296.55    | 41612.75  |
|                      |                                                                                                                                                                                                          | Cu.ft. | 36.70      | 1178.50   |

| Sr. No.              | Description                                                                                                                                                                                                                                                                                                              | Unit            | Rate (Rs.)       |                   |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|-------------------|
|                      |                                                                                                                                                                                                                                                                                                                          |                 | Labour           | Composite         |
| <b>PLUM CONCRETE</b> |                                                                                                                                                                                                                                                                                                                          |                 |                  |                   |
| 5-46                 | Providing and laying plum concrete using Lawrencepur sand and crushed aggregate 1-1/2"(38mm) & down gauge with 20% stones including levelling,                                                                                                                                                                           |                 |                  |                   |
| a)                   | 1 : 2 : 4                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 7804.90<br>221.05 |
| b)                   | 1 : 3 : 6                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 7573.75<br>214.50 |
| c)                   | 1 : 4 : 8                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 7339.40<br>207.85 |
| 5-47                 | Providing and laying plum concrete using Lawrencepur sand and crushed aggregate 1-1/2" (38 mm) & down gauge with 30% boulders including levelling, compacting and curing.                                                                                                                                                |                 |                  |                   |
| a)                   | 1 : 2 : 4                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 6790.15<br>192.30 |
| b)                   | 1 : 3 : 6                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 6482.30<br>183.60 |
| c)                   | 1 : 4 : 8                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 6246.25<br>176.90 |
| 5-48                 | Providing and laying plum concrete using Lawrencepur sand and crushed aggregate 1-1/2" (38 mm) & down gauge with 40% boulders including levelling, compacting and curing.                                                                                                                                                |                 |                  |                   |
| a)                   | 1 : 2 : 4                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 5711.65<br>161.75 |
| b)                   | 1 : 3 : 6                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 5588.40<br>158.25 |
| c)                   | 1 : 4 : 8                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 983.65<br>27.85  | 5169.70<br>146.40 |
| 5-49                 | Providing and laying 1:2:4 cement concrete using Lawrencepur sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement. |                 |                  |                   |
| a)                   | Plinth band                                                                                                                                                                                                                                                                                                              | Cu.m.<br>Cu.ft. | 969.90<br>27.45  | 9515.40<br>269.50 |
| b)                   | Door band                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 1115.40<br>31.60 | 9660.90<br>273.60 |
| c)                   | Roof band                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 1115.40<br>31.60 | 9911.15<br>280.70 |
| d)                   | Extra for Item 5-48 b & c above for first floor                                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 167.30<br>4.75   | 294.95<br>8.35    |
| e)                   | Extra for Item 5-48 b & c for every additional floor above first floor                                                                                                                                                                                                                                                   | Cu.m.<br>Cu.ft. | 83.65<br>2.35    | 226.65<br>6.40    |

| Sr. No. | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit  | Rate (Rs.)                                                                                                                      |           |         |         |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------------------------------------------------------------------------|-----------|---------|---------|
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       | Labour                                                                                                                          | Composite |         |         |
| 5-50 a) | Providing, fabricating and laying mild steel Grade 60 reinforcement for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or M.S. chairs for binding and holding the reinforcement in position is inclusive upto 15 ft (5m) height | Tonne | 4736.65                                                                                                                         | 114888.25 |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ton   | 4812.65                                                                                                                         | 116732    |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | b)    | Extra on item 5-43 (a) for overhead tanks at a height of 30 ft. (10m)                                                           | Tonne     | 1434.70 | 1434.70 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                                                                                                                                 | Ton       | 1457.75 | 1457.75 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | c)    | Extra on item 5-43 (a) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height | Tonne     | 1015.05 | 1015.05 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                                                                                                                                 | Ton       | 1031.35 | 1031.35 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | d)    | Extra on item 5-43( c) for every additional height of 3 ft. (1 m) or part thereof above 50 ft.(15 m) height                     | Tonne     | 507.50  | 507.50  |
| Ton     | 515.65                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                                                                                                                 | 515.65    |         |         |
| e)      | Deduct for every lesser height of 3 ft. (1 m) or part thereof below 30 ft. (10 m) height on item No.5-43(b)                                                                                                                                                                                                                                                                                                                                                        | Tonne | 1015.05                                                                                                                         | 1015.05   |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ton   | 1031.35                                                                                                                         | 1031.35   |         |         |
| f)      | Extra for first floor on Item No.5-43(a)                                                                                                                                                                                                                                                                                                                                                                                                                           | Tonne | 1268.80                                                                                                                         | 1268.80   |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ton   | 1289.15                                                                                                                         | 1289.15   |         |         |
| g)      | Extra for every additional floor above first floor on item No.5-43(f)                                                                                                                                                                                                                                                                                                                                                                                              | Tonne | 761.30                                                                                                                          | 761.30    |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ton   | 773.50                                                                                                                          | 773.50    |         |         |
| 5-51 a) | Providing, fabricating and laying deformed Grade 60 steel reinforcement for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height | Tonne | 4,737                                                                                                                           | 107,696   |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ton   | 4,813                                                                                                                           | 110,960   |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | b)    | Extra on item 5-44 (a) for overhead tanks at a height of 30 ft. (10m)                                                           | Tonne     | 1434.70 | 1434.70 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                                                                                                                                 | Ton       | 1457.75 | 1457.75 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | c)    | Extra on item 5-44 (a) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height | Tonne     | 1015.05 | 1015.05 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                                                                                                                                 | Ton       | 1031.35 | 1031.35 |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | d)    | Extra on item 5-44( c) for every additional height of 3 ft. (1 m) or part thereof above 50 ft.(15 m) height                     | Tonne     | 507.50  | 507.50  |
| Ton     | 515.65                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                                                                                                                                 | 515.65    |         |         |
| e)      | Deduct for every lesser height of 3 ft. (1 m) or part thereof below 30 ft. (10m) height on item No.5-44(b)                                                                                                                                                                                                                                                                                                                                                         | Tonne | 1015.05                                                                                                                         | 1015.05   |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ton   | 1031.35                                                                                                                         | 1031.35   |         |         |
| f)      | Extra for first floor on Item No.5-44(a)                                                                                                                                                                                                                                                                                                                                                                                                                           | Tonne | 1268.80                                                                                                                         | 1268.80   |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ton   | 1289.15                                                                                                                         | 1289.15   |         |         |
| g)      | Extra for every additional floor above first floor on item No.5-44(f)                                                                                                                                                                                                                                                                                                                                                                                              | Tonne | 761.30                                                                                                                          | 761.30    |         |         |
|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Ton   | 773.50                                                                                                                          | 773.50    |         |         |