


| Sr. No. | Description                                                                                                                                                                                                         | Unit            | Rate (Rs.)        |                    | Ref. Tech. Specs. |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|--------------------|-------------------|
|         |                                                                                                                                                                                                                     |                 | 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.<br>Cu.ft. | 697.50<br>19.75   | 1,669.50<br>47.30  | 5.2               |
| 5-2     | Providing and laying plain hand mixed cement concrete using brick/ Stone ballast 1-1/2" to 2" (40mm to 50mm) with Local approved source sand in foundation and plinth including leveling, compacting                |                 |                   |                    | 5.3<br>5.3.2.4    |
| a)      | 1 : 3 : 6                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 1,860.95<br>52.70 | 5,572.95<br>157.85 |                   |
| b)      | 1 : 4 : 8                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 1,860.95<br>52.70 | 6,035.75<br>170.95 |                   |
| c)      | 1 : 5 : 10                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 1,860.95<br>52.70 | 5,201.90<br>147.30 |                   |
| d)      | 1 : 6 : 12                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 1,860.95<br>52.70 | 5,177.35<br>146.65 |                   |
| 5-3     | Extra labour charges on item No. 5-2 above for sedimentation tank or filter beds of Public Health engineering works                                                                                                 |                 |                   |                    | 5.3<br>5.3.2.4    |
| a)      | In bed                                                                                                                                                                                                              | Cu.m.<br>Cu.ft. | 612.50<br>17.35   | -<br>-             |                   |
| b)      | On slope                                                                                                                                                                                                            | Cu.m.<br>Cu.ft. | 850.00<br>24.05   | -<br>-             |                   |
| 5-4     | Providing and laying plain hand mixed cement concrete using local sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including                 |                 |                   |                    | 5.3.2.4           |
| a)      | 1 : 3 : 6                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 2,481.27<br>70.25 | 7,148.55<br>202.45 |                   |
| b)      | 1 : 4 : 8                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 2,481.27<br>70.25 | 6,469.05<br>183.20 |                   |
| c)      | 1 : 5 : 10                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 2,481.27<br>70.25 | 6,044.50<br>171.20 |                   |
| d)      | 1 : 6 : 12                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 2,481.27<br>70.25 | 5,485.70<br>155.35 |                   |
| 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. |                 |                   |                    | 5.3.2.4           |
| a)      | 1 : 2 : 4                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 2,466.70<br>69.85 | 8,483.05<br>240.25 |                   |
| b)      | 1 : 3 : 6                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 2,466.70<br>69.85 | 7,889.10<br>223.40 |                   |
| c)      | 1 : 4 : 8                                                                                                                                                                                                           | Cu.m.<br>Cu.ft. | 2,466.70<br>69.85 | 7,354.05<br>208.25 |                   |
| d)      | 1 : 5 : 10                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 2,466.70<br>69.85 | 6,808.46<br>192.80 |                   |
| e)      | 1 : 6 : 12                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 2,466.70<br>69.85 | 6,289.85<br>178.15 |                   |

| Sr. No. | Description                                                                                                                                                                   | Unit    | Rate (Rs.) |           | Ref. Tech. Specs. |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|-----------|-------------------|
|         |                                                                                                                                                                               |         | Labour     | Composite |                   |
| 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 approved source of crushed aggregate. |         |            |           | 5.3.2.4           |
| a)      | 1 : 2 : 4                                                                                                                                                                     | Cu.m.   | -          | 1,240.85  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 35.15     |                   |
| b)      | 1 : 3 : 6                                                                                                                                                                     | Cu.m.   | -          | 1,298.60  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 36.80     |                   |
| c)      | 1 : 4 : 8                                                                                                                                                                     | Cu.m.   | -          | 1,327.45  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 37.60     |                   |
| d)      | 1 : 5 : 10                                                                                                                                                                    | Cu.m.   | -          | 1,356.30  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 38.40     |                   |
| e)      | 1 : 6 : 12                                                                                                                                                                    | Cu.m.   | -          | 1,370.75  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 38.80     |                   |
| 5-7     | Deduct for item 5-5 above if Local approved source sand is used instead of Lawrencepur sand                                                                                   |         |            |           | 5.3.2.4           |
| a)      | 1 : 2 : 4                                                                                                                                                                     | Cu.m.   | -          | 1,077.85  |                   |
|         |                                                                                                                                                                               | Cu.ft.. | -          | 30.55     |                   |
| b)      | 1 : 3 : 6                                                                                                                                                                     | Cu.m.   | -          | 1,128.00  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 31.95     |                   |
| c)      | 1 : 4 : 8                                                                                                                                                                     | Cu.m.   | -          | 1,153.05  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 32.65     |                   |
| d)      | 1 : 5 : 10                                                                                                                                                                    | Cu.m.   | -          | 1,178.10  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 33.35     |                   |
| e)      | 1 : 6 : 12                                                                                                                                                                    | Cu.m.   | -          | 1,203.20  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 34.10     |                   |
| 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.           |         |            |           | 5.3               |
| a)      | 1 : 1 : 2                                                                                                                                                                     | Cu.m.   | 1,807.11   | 11,607.50 |                   |
|         |                                                                                                                                                                               | Cu.ft.  | 51.20      | 328.75    |                   |
| b)      | 1 : 1.5 : 3                                                                                                                                                                   | Cu.m.   | 1,807.11   | 10,657.70 |                   |
|         |                                                                                                                                                                               | Cu.ft.  | 51.20      | 301.85    |                   |
| c)      | 1 : 2 : 4                                                                                                                                                                     | Cu.m.   | 1,807.11   | 9,591.10  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | 51.20      | 271.65    |                   |
| d)      | 1 : 3 : 6                                                                                                                                                                     | Cu.m.   | 1,807.11   | 8,650.65  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | 51.20      | 245.00    |                   |
| e)      | 1 : 4 : 8                                                                                                                                                                     | Cu.m.   | 1,807.11   | 7,700.70  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | 51.20      | 218.10    |                   |
| 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 approved crushed aggregate.               |         |            |           | 5.3               |
| a)      | 1 : 1 : 2                                                                                                                                                                     | Cu.m.   | -          | 1,296.70  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 36.70     |                   |
| b)      | 1 : 1.5 : 3                                                                                                                                                                   | Cu.m.   | -          | 1,414.60  |                   |
|         |                                                                                                                                                                               | Cu.ft.  | -          | 40.05     |                   |
| c)      | 1 : 2 : 4                                                                                                                                                                     | Cu.m.   | -          | 1,481.95  |                   |



| Sr. No. | Description                                                                                                                                                                                                                                                          | Unit   | Rate (Rs.) |           | Ref. Tech. Specs. |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|-------------------|
|         |                                                                                                                                                                                                                                                                      |        | Labour     | Composite |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | -          | 41.95     |                   |
| d)      | 1 : 3 : 6                                                                                                                                                                                                                                                            | Cu.m.  | -          | 1,549.30  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | -          | 43.90     |                   |
| e)      | 1 : 4 : 8                                                                                                                                                                                                                                                            | Cu.m.  | -          | 1,599.85  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | -          | 45.30     |                   |
| 5-10    | Deduct for item 5-8 above if Local sand approved source is used instead of Lawrencepur sand.                                                                                                                                                                         |        |            |           | 5.3               |
| a)      | 1 : 1 : 2                                                                                                                                                                                                                                                            | Cu.m.  | -          | 977.60    |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | -          | 27.70     |                   |
| b)      | 1 : 1.5 : 3                                                                                                                                                                                                                                                          | Cu.m.  | -          | 1,052.80  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | -          | 29.80     |                   |
| c)      | 1 : 2 : 4                                                                                                                                                                                                                                                            | Cu.m.  | -          | 1,102.90  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | -          | 31.25     |                   |
| d)      | 1 : 3 : 6                                                                                                                                                                                                                                                            | Cu.m.  | -          | 1,153.05  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | -          | 32.65     |                   |
| e)      | 1 : 4 : 8                                                                                                                                                                                                                                                            | Cu.m.  | -          | 1,178.10  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | -          | 33.35     |                   |
| 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                                              |        |            |           | 5.3<br>5.5        |
| a)      | 1 : 2 : 4                                                                                                                                                                                                                                                            | Cu.m.  | 1,830.45   | 9,166.39  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 259.60    |                   |
| b)      | 1 : 3 : 6                                                                                                                                                                                                                                                            | Cu.m.  | 1,830.45   | 8,426.38  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 238.65    |                   |
| c)      | 1 : 4 : 8                                                                                                                                                                                                                                                            | Cu.m.  | 1,830.45   | 7,876.46  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 223.05    |                   |
| d)      | 1 : 5 : 10                                                                                                                                                                                                                                                           | Cu.m.  | 1,830.45   | 7,336.85  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 207.80    |                   |
| e)      | 1 : 6 : 12                                                                                                                                                                                                                                                           | Cu.m.  | 1,830.45   | 6,799.18  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 192.55    |                   |
| 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 |        |            |           | 5.3<br>5.5        |
| a)      | 1 : 2 : 4                                                                                                                                                                                                                                                            | Cu.m.  | 1,830.45   | 10,492.02 |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 297.15    |                   |
| b)      | 1 : 3 : 6                                                                                                                                                                                                                                                            | Cu.m.  | 1,830.45   | 9,583.89  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 271.40    |                   |
| c)      | 1 : 4 : 8                                                                                                                                                                                                                                                            | Cu.m.  | 1,830.45   | 9,088.56  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 257.40    |                   |
| d)      | 1 : 5 : 10                                                                                                                                                                                                                                                           | Cu.m.  | 1,830.45   | 9,263.93  |                   |
|         |                                                                                                                                                                                                                                                                      | Cu.ft. | 51.85      | 262.35    |                   |
| e)      | 1 : 6 : 12                                                                                                                                                                                                                                                           | Cu.m.  | 1,830.45   | 8,156.54  |                   |

| Sr. No. | Description                                                                                                                                                                                                                                                             | Unit            | Rate (Rs.)        |                     | Ref. Tech. Specs. |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|---------------------|-------------------|
|         |                                                                                                                                                                                                                                                                         |                 | Labour            | Composite           |                   |
|         |                                                                                                                                                                                                                                                                         | Cu.ft.          | 51.85             | 231.00              |                   |
|         | <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          |                 |                   |                     | 5.3<br>5.5        |
| a)      | 1 : 1 : 2                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 12,612.13<br>357.20 |                   |
| b)      | 1 : 1.5 : 3                                                                                                                                                                                                                                                             | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 12,067.90<br>341.75 |                   |
| c)      | 1 : 2 : 4                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 10,782.10<br>305.35 |                   |
| d)      | 1 : 3 : 6                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 9,739.04<br>275.80  |                   |
| e)      | 1 : 4 : 8                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 8,999.37<br>254.85  |                   |
| f)      | Extra for first floor                                                                                                                                                                                                                                                   | Cu.m.<br>Cu.ft. | 247.40<br>7.00    | 482.40<br>13.65     |                   |
| g)      | Extra for every additional floor above first floor                                                                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 185.55<br>5.25    | 361.80<br>10.25     |                   |
| 5-14    | Same as in item 5-13 but in walls and piers above 9" to 18" (225mm to 450mm) in thickness.                                                                                                                                                                              |                 |                   |                     | 5.3<br>5.5        |
| a)      | 1 : 1 : 2                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 12,506.49<br>354.20 |                   |
| b)      | 1 : 1.5 : 3                                                                                                                                                                                                                                                             | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 11,853.08<br>335.70 |                   |
| c)      | 1 : 2 : 4                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 10,828.45<br>306.65 |                   |
| d)      | 1 : 3 : 6                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 9,695.08<br>274.55  |                   |
| e)      | 1 : 4 : 8                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 8,966.81<br>253.95  |                   |
| f)      | Extra for first floor                                                                                                                                                                                                                                                   | Cu.m.<br>Cu.ft. | 247.40<br>7.00    | 370.95<br>10.50     |                   |
| g)      | Extra for every additional floor above first floor                                                                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 185.55<br>5.25    | 278.20<br>7.90      |                   |
|         | <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. |                 |                   |                     | 5.3<br>5.4<br>5.5 |
| a)      | 1 : 1 : 2                                                                                                                                                                                                                                                               | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 14,100.68<br>399.35 |                   |
| b)      | 1 : 1.5 : 3                                                                                                                                                                                                                                                             | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 13,676.28<br>387.30 |                   |

| Sr. No.                                                                            | Description                                                                                                                                                                                                                                                              | Unit   | Rate (Rs.) |           | Ref. Tech. Specs. |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|-------------------|
|                                                                                    |                                                                                                                                                                                                                                                                          |        | Labour     | Composite |                   |
| c)                                                                                 | 1 : 2 : 4                                                                                                                                                                                                                                                                | Cu.m.  | 2,474.05   | 12,389.20 |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 70.05      | 350.85    |                   |
| d)                                                                                 | 1 : 3 : 6                                                                                                                                                                                                                                                                | Cu.m.  | 2,474.05   | 11,334.73 |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 70.05      | 321.00    |                   |
| e)                                                                                 | Extra for first floor                                                                                                                                                                                                                                                    | Cu.m.  | 247.40     | 685.45    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 7.00       | 19.40     |                   |
| f)                                                                                 | Extra for every additional floor above first floor                                                                                                                                                                                                                       | Cu.m.  | 185.55     | 370.95    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 5.25       | 10.50     |                   |
| g)                                                                                 | Extra for minarets of mosque                                                                                                                                                                                                                                             | Cu.m.  | 247.40     | 278.20    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 7.00       | 7.90      |                   |
|  |                                                                                                                                                                                                                                                                          |        |            |           |                   |
| <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.  | 2,474.05   | 15,176.99 | 5.3               |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 70.05      | 429.80    |                   |
| b)                                                                                 | Extra for first floor                                                                                                                                                                                                                                                    | Cu.m.  | 247.40     | 985.50    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 7.00       | 27.90     |                   |
| c)                                                                                 | Extra for every additional floor above first floor                                                                                                                                                                                                                       | Cu.m.  | 185.55     | 746.05    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 5.25       | 21.15     |                   |
| 5-17 a)                                                                            | 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                                                                                    |        |            |           | 5.3               |
|                                                                                    |                                                                                                                                                                                                                                                                          |        |            |           |                   |
| i)                                                                                 | Upto 6" (150 mm) thickness<br>In basement, plinth and ground floor                                                                                                                                                                                                       | Cu.m.  | 2,474.05   | 14,564.07 | 5.5               |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 70.05      | 412.45    |                   |
| ii)                                                                                | Extra for first floor                                                                                                                                                                                                                                                    | Cu.m.  | 247.40     | 655.95    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 7.00       | 18.60     |                   |
| iii)                                                                               | Extra for every additional floor above first floor                                                                                                                                                                                                                       | Cu.m.  | 185.55     | 491.95    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 5.25       | 13.95     |                   |
| iv)                                                                                | Extra for sloping roofs for slope more than 15 degrees                                                                                                                                                                                                                   | Cu.m.  | 123.70     | 328.00    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 3.50       | 9.30      |                   |
| b) i)                                                                              | Above 6" (150 mm) upto 12" (300 mm) thickness<br>In basement, plinth and ground floor                                                                                                                                                                                    | Cu.m.  | 2,474.05   | 14,078.07 |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 70.05      | 398.70    |                   |
| ii)                                                                                | Extra for first floor                                                                                                                                                                                                                                                    | Cu.m.  | 247.40     | 657.55    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 7.00       | 18.60     |                   |
| iii)                                                                               | Extra for every additional floor above first floor                                                                                                                                                                                                                       | Cu.m.  | 185.55     | 493.20    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 5.25       | 13.95     |                   |
| iv)                                                                                | Extra for sloping roofs for slope more than 15 degrees                                                                                                                                                                                                                   | Cu.m.  | 123.70     | 330.50    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 3.50       | 9.35      |                   |
| c) i)                                                                              | Above 12" (300 mm) thickness<br>In basement, plinth and ground floor                                                                                                                                                                                                     | Cu.m.  | 2,474.05   | 13,666.40 |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 70.05      | 387.05    |                   |
| ii)                                                                                | Extra for first floor                                                                                                                                                                                                                                                    | Cu.m.  | 247.40     | 1,192.45  |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 7.00       | 33.75     |                   |
| iii)                                                                               | Extra for every additional floor above first floor                                                                                                                                                                                                                       | Cu.m.  | 185.55     | 894.35    |                   |
|                                                                                    |                                                                                                                                                                                                                                                                          | Cu.ft. | 5.25       | 25.35     |                   |

| Sr. No.                                                      | Description                                                                                                                                                                                                                                                                                                                                  | Unit   | Rate (Rs.) |           | Ref. Tech. Specs. |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|-------------------|
|                                                              |                                                                                                                                                                                                                                                                                                                                              |        | Labour     | Composite |                   |
| iv)                                                          | Extra for sloping roofs for slope more than 15 degrees                                                                                                                                                                                                                                                                                       | Cu.m.  | 123.70     | 443.30    |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 3.50       | 12.55     |                   |
| 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.  | 3,254.70   | 14,499.45 |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 92.20      | 410.65    |                   |
| ii)                                                          | Extra for first floor                                                                                                                                                                                                                                                                                                                        | Cu.m.  | 325.45     | 1,020.30  |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 9.20       | 28.90     |                   |
| iii)                                                         | Extra for every additional floor above first floor                                                                                                                                                                                                                                                                                           | Cu.m.  | 244.10     | 765.20    |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 6.90       | 21.65     |                   |
| <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                                                                                                   |        |            |           | 5.3<br>5.5        |
| a)                                                           | 1 : 1 : 2                                                                                                                                                                                                                                                                                                                                    | Cu.m.  | 2,880.00   | 13,681.38 |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 81.55      | 387.45    |                   |
| b)                                                           | 1 : 1.5 : 3                                                                                                                                                                                                                                                                                                                                  | Cu.m.  | 2,880.00   | 13,415.69 |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 81.55      | 379.95    |                   |
| c)                                                           | 1 : 2 : 4                                                                                                                                                                                                                                                                                                                                    | Cu.m.  | 2,880.00   | 12,248.88 |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 81.55      | 346.90    |                   |
| d)                                                           | 1 : 3 : 6                                                                                                                                                                                                                                                                                                                                    | Cu.m.  | 2,880.00   | 11,408.61 |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 81.55      | 323.10    |                   |
| e)                                                           | Extra for first floor                                                                                                                                                                                                                                                                                                                        | Cu.m.  | 247.40     | 556.85    |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 7.00       | 15.75     |                   |
| f)                                                           | Extra for every additional floor above first floor                                                                                                                                                                                                                                                                                           | Cu.m.  | 185.55     | 417.65    |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 5.25       | 11.85     |                   |
| <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.  | 2,474.05   | 14,221.04 | 5.3<br>5.5        |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 70.05      | 402.75    |                   |
| b)                                                           | Extra for first floor                                                                                                                                                                                                                                                                                                                        | Cu.m.  | 247.40     | 896.25    |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 7.00       | 25.40     |                   |
| c)                                                           | Extra for every additional floor above first floor                                                                                                                                                                                                                                                                                           | Cu.m.  | 185.55     | 672.20    |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 5.25       | 19.05     |                   |
| 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.  | 2,474.05   | 12,634.86 | 5.3<br>5.5        |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 70.05      | 357.85    |                   |
| b)                                                           | Extra for first floor                                                                                                                                                                                                                                                                                                                        | Cu.m.  | 247.40     | 595.45    |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 7.00       | 16.85     |                   |
| c)                                                           | Extra for every additional floor above first floor                                                                                                                                                                                                                                                                                           | Cu.m.  | 185.55     | 446.60    |                   |
|                                                              |                                                                                                                                                                                                                                                                                                                                              | Cu.ft. | 5.25       | 12.65     |                   |

| Sr. No.                                    | Description                                                                                                                                                                                                                                                    | Unit            | Rate (Rs.)        |                     | Ref. Tech. Specs. |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|---------------------|-------------------|
|                                            |                                                                                                                                                                                                                                                                |                 | 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.                           |                 |                   |                     | 5.3<br>5.5        |
| a)                                         | Foundation and floor slab                                                                                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 9,973.86<br>282.45  |                   |
| b)                                         | Walls                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 10,389.92<br>294.25 |                   |
| c)                                         | Top slab upto 6" (150 mm) thick                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 2,822.40<br>79.95 | 13,240.07<br>374.95 |                   |
| 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. |                 |                   |                     | 5.3<br>5.5        |
| a)                                         | Column footing                                                                                                                                                                                                                                                 | Cu.m.<br>Cu.ft. | 2,474.05<br>70.05 | 10,782.71<br>305.35 |                   |
| b)                                         | Columns and braces                                                                                                                                                                                                                                             | Cu.m.<br>Cu.ft. | 2,156.55<br>61.05 | 14,862.67<br>420.90 |                   |
| c)                                         | Beams                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 2,156.55<br>61.05 | 15,425.17<br>436.85 |                   |
| d)                                         | Walls                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 1,587.55<br>44.95 | 12,705.57<br>359.85 |                   |
| e)                                         | Bottom slab                                                                                                                                                                                                                                                    | Cu.m.<br>Cu.ft. | 2,156.55<br>61.05 | 14,488.21<br>410.30 |                   |
| f)                                         | Top slab                                                                                                                                                                                                                                                       | Cu.m.<br>Cu.ft. | 1,587.55<br>44.95 | 15,508.83<br>439.20 |                   |
| 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. | 331.25<br>9.40    | 331.25<br>9.40      |                   |
| 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. | 298.75<br>8.45    | 298.75<br>8.45      |                   |
| <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>-            | 3,889.33<br>110.15  | 5.3<br>5.5        |
| 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>-            | 5,879.31<br>166.50  | 5.3<br>5.5        |
| <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.<br>Cu.ft. | 1,587.55<br>44.95 | 12,735.58<br>360.70 | 5.3<br>5.5        |
| b)                                         | Extra for first floor                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 247.40<br>7.00    | 513.20<br>14.55     |                   |
| c)                                         | Extra for every additional floor above first floor                                                                                                                                                                                                             | Cu.m.<br>Cu.ft. | 185.55<br>5.25    | 384.90<br>10.90     |                   |

| Sr. No. | Description                                                                                                                                                                                                                                                   | Unit   | Rate (Rs.) |           | Ref. Tech. Specs. |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------------|-----------|-------------------|
|         |                                                                                                                                                                                                                                                               |        | Labour     | Composite |                   |
| 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 | Cu.m.  | 1,587.55   | 12,510.01 | 5.3               |
|         |                                                                                                                                                                                                                                                               | Cu.ft. | 44.95      | 354.30    | 5.5               |
| b)      | Extra for first floor                                                                                                                                                                                                                                         | Cu.m.  | 247.40     | 488.50    |                   |
|         |                                                                                                                                                                                                                                                               | Cu.ft. | 7.00       | 13.85     |                   |
| c)      | Extra for every additional floor above first floor                                                                                                                                                                                                            | Cu.m.  | 185.55     | 366.40    |                   |
|         |                                                                                                                                                                                                                                                               | Cu.ft. | 5.25       | 10.40     |                   |
| 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.                                                                                                |        |            |           | 5.3<br>5.5        |
| a)      | 1 : 2                                                                                                                                                                                                                                                         | Sq.m.  | 246.15     | 581.65    |                   |
|         |                                                                                                                                                                                                                                                               | Sq.ft. | 22.90      | 54.05     |                   |
| b)      | 1 : 3                                                                                                                                                                                                                                                         | Sq.m.  | 246.15     | 516.05    |                   |
|         |                                                                                                                                                                                                                                                               | Sq.ft. | 22.90      | 47.95     |                   |
| c)      | 1 : 4                                                                                                                                                                                                                                                         | Sq.m.  | 246.15     | 475.40    |                   |
|         |                                                                                                                                                                                                                                                               | Sq.ft. | 22.90      | 44.20     |                   |
| 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.  | 1,955.45   | 11,422.00 | 5.3               |
|         |                                                                                                                                                                                                                                                               | Cu.ft. | 55.40      | 323.50    | 5.5               |
| 5-30    | Extra for providing and using cement other than ordinary portland cement.                                                                                                                                                                                     |        |            |           |                   |
| a)      | Sulphate resisting cement                                                                                                                                                                                                                                     | Ton    | -          | 2,413.10  |                   |
| b)      | High alumina cement                                                                                                                                                                                                                                           | Ton    | -          | 1,315.80  |                   |
| c)      | Rapid hardening cement                                                                                                                                                                                                                                        | Ton    | -          | 1,315.80  |                   |
| 5-31    | Providing and using any approved accelerating agent in cement concrete.                                                                                                                                                                                       | Kg.    | -          | 642.55    | 5.3.1.7           |
|         |                                                                                                                                                                                                                                                               | Lb.    | -          | 291.45    |                   |
| 5-32    | Providing and using in concrete any approved retarding agent.                                                                                                                                                                                                 | Kg.    | -          | 114.35    | 5.3.1.7           |
|         |                                                                                                                                                                                                                                                               | Lb.    | -          | 51.85     |                   |
| 5-33    | Providing and using in concrete any approved wetting agent.                                                                                                                                                                                                   | Liter  | -          | 294.05    | 5.3.1.7           |
|         |                                                                                                                                                                                                                                                               | Gallon | -          | 1,335.00  |                   |
| 5-34    | Providing and using concrete additives.                                                                                                                                                                                                                       |        |            |           | 5.3.1.7           |
| a)      | Pudlo or similar                                                                                                                                                                                                                                              | Kg.    | -          | 103.95    |                   |
|         |                                                                                                                                                                                                                                                               | Lb.    | -          | 47.15     |                   |
| b)      | Pucca kam or similar                                                                                                                                                                                                                                          | Kg.    | -          | 52.00     |                   |
|         |                                                                                                                                                                                                                                                               | Lb.    | -          | 23.60     |                   |
| 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.  | 33.05      | 325.45    | 8.2.3.1           |
|         |                                                                                                                                                                                                                                                               | Sq.ft. | 3.05       | 30.25     | 13.3.2            |



| Sr. No.                    | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit            | Rate (Rs.)         |                    | Ref. Tech. Specs. |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|--------------------|-------------------|
|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | Labour             | Composite          |                   |
| 5-36                       | Forming expansion joints with cork sheet including one coat of bitumen and preparation of surface.                                                                                                                                                                                                                                                                                                                                                                 |                 |                    |                    | 5.3.1.10          |
| a)                         | 1/2" (12.5 mm) thick                                                                                                                                                                                                                                                                                                                                                                                                                                               | Sq.m.<br>Sq.ft. | 142.95<br>13.30    | 1,165.00<br>108.25 |                   |
| b)                         | 3/4" (19 mm) thick                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Sq.m.<br>Sq.ft. | 142.95<br>13.30    | 1,502.50<br>139.65 |                   |
| c)                         | 1" (25 mm) thick                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sq.m.<br>Sq.ft. | 142.95<br>13.30    | 2,346.25<br>218.05 |                   |
| d)                         | 1-1/2" (37.5 mm) thick                                                                                                                                                                                                                                                                                                                                                                                                                                             | Sq.m.<br>Sq.ft. | 142.95<br>13.30    | 3,021.25<br>280.80 |                   |
| e)                         | 2" (50 mm) thick                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Sq.m.<br>Sq.ft. | 142.95<br>13.30    | 3,696.25<br>343.50 |                   |
| f)                         | G.I. corrugated sheet of any gauge and thickness as approved by Engineer incharge                                                                                                                                                                                                                                                                                                                                                                                  | Kg.<br>Lb.      | 142.95<br>64.85    | 327.25<br>148.45   |                   |
| 5-37                       | Providing and laying joint sealing compound.                                                                                                                                                                                                                                                                                                                                                                                                                       | Liter<br>Gallon | 225.00<br>1,021.50 | 691.65<br>3,140.10 | 5.3.1.9           |
| 5-38                       | Providing and fixing P.V.C. ribbed waterstop in vertical or horizontal expansion joints including cutting or jointing.                                                                                                                                                                                                                                                                                                                                             |                 |                    |                    | 5.3.6(c)          |
| a)                         | P.V.C. ribbed water stop 4.5" (114 mm) wide                                                                                                                                                                                                                                                                                                                                                                                                                        | R.M.<br>R.ft.   | 64.90<br>19.80     | 340.50<br>103.80   |                   |
| b)                         | P.V.C. ribbed water stop 6" (150 mm) wide                                                                                                                                                                                                                                                                                                                                                                                                                          | R.M.<br>R.ft.   | 64.90<br>19.80     | 379.45<br>115.65   |                   |
| c)                         | P.V.C. ribbed water stop 9" (225 mm) wide                                                                                                                                                                                                                                                                                                                                                                                                                          | R.M.<br>R.ft.   | 64.90<br>19.80     | 528.20<br>161.00   |                   |
| 5-39                       | Drilling and grouting holes upto 3" (75 mm) dia in existing concrete for reinforcement bars.                                                                                                                                                                                                                                                                                                                                                                       | R.M.<br>R.ft.   | 148.75<br>45.35    | 473.90<br>144.45   | 5.3.1.11          |
| 5-40                       | Grouting base plates, rails, anchor bolts foundation bolts and anchor frames of guide rails etc.                                                                                                                                                                                                                                                                                                                                                                   | Sq.m.<br>Sq.ft. | 450.00<br>41.80    | 891.30<br>82.85    | 5.3.1.11          |
| 5-41                       | Welding (electric) reinforcement with existing bars - joint length 2" to 3" (50mm to 75mm).                                                                                                                                                                                                                                                                                                                                                                        | Each            | 9.75               | 33.50              | 5.4.7(f)          |
| 5-42                       | Nicking hard cement concrete surface                                                                                                                                                                                                                                                                                                                                                                                                                               | Sq.m.<br>Sq.ft. | 82.45<br>7.65      | 82.45<br>7.65      |                   |
| <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 | Ton             | 7,790.65           | 85,933.20          | 5.4               |
| b)                         | Extra on item 5-43 (a) for overhead tanks at a height of 30 ft. (10m)                                                                                                                                                                                                                                                                                                                                                                                              | Ton             | 3,062.50           | 3,062.50           |                   |
| c)                         | Extra on item 5-43 (b) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height                                                                                                                                                                                                                                                                                                                                    | Ton             | 2,250.00           | 2,250.00           |                   |
| 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                                                                                                                                                                                                                                                                                                                                                        | Ton             | 900.00             | 900.00             |                   |

| Sr. No.              | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Unit            | Rate (Rs.)        |                         | Ref. Tech. Specs. |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|-------------------------|-------------------|
|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 | Labour            | Composite               |                   |
| 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)                                                                                                                                                                                                                                                                                                                                                        | Ton             | 1,800.00          | 1,800.00                |                   |
| f)                   | Extra for first floor on Item No.5-43(a)                                                                                                                                                                                                                                                                                                                                                                                                                           | Ton             | 2,250.00          | 2,250.00                |                   |
| g)                   | Extra for every additional floor above first floor on item No.5-43(f)                                                                                                                                                                                                                                                                                                                                                                                              | Ton             | 1,350.00          | 1,350.00                |                   |
| 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 | Ton             | 7,790.65          | 117,267.65              | 5.4               |
| b)                   | Extra on item 5-44 (a) for overhead tanks at a height of 30 ft. (10m) with shuttering and scaffolding                                                                                                                                                                                                                                                                                                                                                              | Ton             | 3,062.50          | 3,062.50                |                   |
| c)                   | Extra on item 5-44 (b) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height with shuttering                                                                                                                                                                                                                                                                                                                    | Ton             | 2,250.00          | 2,250.00                |                   |
| 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                                                                                                                                                                                                                                                                                                                                                        | Ton             | 900.00            | 900.00                  |                   |
| 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)                                                                                                                                                                                                                                                                                                                                                         | Ton             | 1,800.00          | 1,800.00                |                   |
| f)                   | Extra for first floor on Item No.5-44(a)                                                                                                                                                                                                                                                                                                                                                                                                                           | Ton             | 2,250.00          | 2,250.00                |                   |
| g)                   | Extra for every additional floor above first floor on item No.5-44(f)                                                                                                                                                                                                                                                                                                                                                                                              | Ton             | 1,350.00          | 1,350.00                |                   |
| h)                   | Extra over item 5-44(a) for deformed bars Grade 60 having yield strength equal to 60,000 psi                                                                                                                                                                                                                                                                                                                                                                       | Ton             | -                 | 2,500.00                |                   |
| i)                   | Extra for Tor-steel over item 5-44(a)                                                                                                                                                                                                                                                                                                                                                                                                                              | Ton             | -                 | 74,055.76               |                   |
| <b>FOAM CONCRETE</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                 |                   |                         |                   |
| 5-45                 | Providing and laying concrete using foaming agent similar and of equal quality to foamolight. The proportions, mixing, placing and curing shall be in accordance with the manufacturer's recommendations.                                                                                                                                                                                                                                                          |                 |                   |                         | 5.7               |
| a)                   | Dry density 320-400 kg/cu.m. with cement & 2.90 pint foamolight and compressive strength 0.45N/mm2.                                                                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 2,051.55<br>58.10 | 8,330.30<br>235.90      |                   |
| b) i)                | Dry density 480-560 kg/cu.m. with 1 cement : 1 sand, 3.10 pint. foamolight and compressive strength 0.75N/mm2                                                                                                                                                                                                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 2,051.55<br>58.10 | 10,843.10<br>307.10     |                   |
| ii)                  | Dry density 640-720 kg/cu.m. with 1 cement : 1 sand, 3.75 pint. foamolight and compressive strength 1.25N/mm2                                                                                                                                                                                                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 2,051.55<br>58.10 | 312,524.80<br>8,850.90  |                   |
| iii)                 | Dry density 800-880 kg/cu.m. with 1 cement : 1 sand, 4.20 pint. foamolight and compressive strength 2.75N/mm2                                                                                                                                                                                                                                                                                                                                                      | Cu.m.<br>Cu.ft. | 2,051.55<br>58.10 | 385,379.15<br>10,914.15 |                   |

| Sr. No.                                                                                                                       | Description                                                                                                                                                             | Unit                                                                                                                        | Rate (Rs.) |            | Ref. Tech. Specs. |            |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|------------|------------|-------------------|------------|
|                                                                                                                               |                                                                                                                                                                         |                                                                                                                             | Labour     | Composite  |                   |            |
| c)                                                                                                                            | i) Dry density 480-560 kg/cu.m. with 1 cement : 2 sand, 3.10 pint. foamlight and compressive strength 0.50N/mm <sup>2</sup>                                             | Cu.m.                                                                                                                       | 2,051.55   | 316,248.95 |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 58.10      | 8,956.35   |                   |            |
|                                                                                                                               | ii) Dry density 640-720 kg/cu.m. with 1 cement : 2 sand, 3.75 pint. foamlight and compressive strength 0.60N/mm <sup>2</sup>                                            | Cu.m.                                                                                                                       | 2,051.55   | 412,022.70 |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 58.10      | 11,668.75  |                   |            |
|                                                                                                                               | iii) Dry density 800-880 kg/cu.m. with 1 cement : 2 sand, 4.20 pint. foamlight and compressive strength 0.60N/mm <sup>2</sup>                                           | Cu.m.                                                                                                                       | 2,051.55   | 508,568.85 |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 58.10      | 14,402.95  |                   |            |
|                                                                                                                               | iv) Dry density 960-1120 kg/cu.m. with 1 cement : 2 sand, 4.40 pint. foamlight and compressive strength 1.55N/mm <sup>2</sup>                                           | Cu.m.                                                                                                                       | 2,051.55   | 628,728.60 |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 58.10      | 17,805.95  |                   |            |
|                                                                                                                               | v) Dry density 1200-1360 kg/cu.m. with 1 cement : 2 sand, 4.80 pint. foamlight and compressive strength 3.30N/mm <sup>2</sup>                                           | Cu.m.                                                                                                                       | 2,051.55   | 773,194.90 |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 58.10      | 21,897.35  |                   |            |
|                                                                                                                               | d)                                                                                                                                                                      | i) Dry density 800-880 kg/cu.m. with 1 cement : 3 sand, 4.20 pint. foamlight and compressive strength 0.55N/mm <sup>2</sup> | Cu.m.      | 2,051.55   |                   | 570,286.80 |
|                                                                                                                               |                                                                                                                                                                         |                                                                                                                             | Cu.ft.     | 58.10      |                   | 16,150.85  |
| ii) Dry density 960-1120 kg/cu.m. with 1 cement : 3 sand, 4.40 pint. foamlight and compressive strength 1.40N/mm <sup>2</sup> |                                                                                                                                                                         | Cu.m.                                                                                                                       | 2,051.55   | 705,333.20 |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 58.10      | 19,975.45  |                   |            |
|                                                                                                                               | iii) Dry density 1200-1360 kg/cu.m. with 1 cement : 3 sand, 4.80 pint. Foamlight and compressive strength 2.50N/mm <sup>2</sup>                                         | Cu.m.                                                                                                                       | 2,051.55   | 867,409.75 |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 58.10      | 24,565.55  |                   |            |
| <b>PLUM CONCRETE</b>                                                                                                          |                                                                                                                                                                         |                                                                                                                             |            |            |                   |            |
| 5-46                                                                                                                          | Providing and laying plum concrete using Lawrencepur sand and crushed aggregate 3/4"(19mm) & down gauge with 20% stones including levelling, compacting & curing.       |                                                                                                                             |            |            | 5.3               |            |
| a)                                                                                                                            | 1 : 2 : 4                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 7,739.42   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 219.20     |                   |            |
|                                                                                                                               |                                                                                                                                                                         |                                                                                                                             |            |            |                   |            |
| b)                                                                                                                            | 1 : 3 : 6                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 7,057.94   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 199.90     |                   |            |
| c)                                                                                                                            | 1 : 4 : 8                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 6,439.91   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 182.40     |                   |            |
| 5-47                                                                                                                          | Providing and laying plum concrete using Lawrencepur sand and crushed aggregate 3/4" (19 mm) & down gauge with 30% boulders including levelling, compacting and curing. |                                                                                                                             |            |            | 5.3               |            |
| a)                                                                                                                            | 1 : 2 : 4                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 7,049.76   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 199.65     |                   |            |
| b)                                                                                                                            | 1 : 3 : 6                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 6,284.96   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 178.00     |                   |            |
| c)                                                                                                                            | 1 : 4 : 8                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 5,638.98   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 159.70     |                   |            |
| 5-48                                                                                                                          | Providing and laying plum concrete using Lawrencepur sand and crushed aggregate 3/4" (19 mm) & down gauge with 40% boulders including levelling, compacting and curing. |                                                                                                                             |            |            | 5.3               |            |
| a)                                                                                                                            | 1 : 2 : 4                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 6,348.79   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 179.80     |                   |            |
| b)                                                                                                                            | 1 : 3 : 6                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 5,437.33   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 154.00     |                   |            |
| c)                                                                                                                            | 1 : 4 : 8                                                                                                                                                               | Cu.m.                                                                                                                       | 1,320.55   | 4,669.17   |                   |            |
|                                                                                                                               |                                                                                                                                                                         | Cu.ft.                                                                                                                      | 37.40      | 132.25     |                   |            |

| Sr. No. | Description                                                                                                                                                                                                                                                                                                              | Unit            | Rate (Rs.)         |                       | Ref. Tech. Specs.      |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|-----------------------|------------------------|
|         |                                                                                                                                                                                                                                                                                                                          |                 | Labour             | Composite             |                        |
| 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. |                 |                    |                       | 5.3                    |
| a)      | Plinth band                                                                                                                                                                                                                                                                                                              | Cu.m.<br>Cu.ft. | 1,340.50<br>37.95  | 13,694.51<br>387.85   |                        |
| b)      | Door band                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 1,541.55<br>43.65  | 14,065.62<br>398.35   |                        |
| c)      | Roof band                                                                                                                                                                                                                                                                                                                | Cu.m.<br>Cu.ft. | 2,152.08<br>60.95  | 13,995.29<br>396.35   |                        |
| d)      | Extra for Item 5-48 b & c above for first floor                                                                                                                                                                                                                                                                          | Cu.m.<br>Cu.ft. | 284.53<br>8.05     | 748.50<br>21.20       |                        |
| e)      | Extra for Item 5-48 b & c for every additional floor above first floor                                                                                                                                                                                                                                                   | Cu.m.<br>Cu.ft. | 142.27<br>4.05     | 584.05<br>16.55       |                        |
| 5-50    | Providing and filling Asphalt bitumen mixed with sand at 90 lbs./cu.ft (1441.5kg/cu.m) of sand in expansion joints of roof slab.                                                                                                                                                                                         | Cu.m.<br>Cu.ft. | 1,152.00<br>32.60  | 3,932.90<br>111.35    | 13.3.3                 |
| 5-51    | Providing and fixing 4.89 kg/sq.m. aluminium sheet covering of approved shape and design to expansion joints of roof slabs with slotted holes with wooden gutties and screws.                                                                                                                                            | Sq.m.<br>Sq.ft. | 1,152.00<br>107.05 | 6,230.70<br>579.05    | 5.3.1.11<br>5.3.1.8(b) |
| 5-52    | Providing and fixing 4.89 kg/sq.m. aluminium sheet covering of approved shape and design to expansion joints in walls and columns including providing clamps and fixing with screws and rawl plugs or wooden gutties including making slotted holes.                                                                     | Sq.m.<br>Sq.ft. | 106.69<br>9.90     | 4,720.20<br>438.70    | 5.3.1.11<br>5.3.1.8(b) |
| 5-53    | Providing and fixing 4.89 kg/sq.m. crimped copper sheet covering strips in vertical joints including punching slotted holes and fixing with wooden gutties or rawl plugs and screws.                                                                                                                                     | Sq.m.<br>Sq.ft. | 56.75<br>5.25      | 3,584.40<br>333.10    | 5.3.1.11<br>5.3.1.8(b) |
| 5-54    | Providing and fixing brass grill railing of approved pattern and design including fixing with brass screws and polishing.                                                                                                                                                                                                | Kg<br>Lb        | 44.20<br>20.05     | 18,528.80<br>8,406.90 |                        |
| 5-55    | Providing and fixing aluminium angle in corners with rawl plugs and aluminium screws.                                                                                                                                                                                                                                    | Rm<br>Rft       | 44.75<br>13.64     | 304.75<br>92.91       |                        |
| 5-56    | Deduct for use of local approved material from approved quarry as mentioned in chapter 0(zero)                                                                                                                                                                                                                           |                 |                    |                       |                        |
| (a)     | using local sand instead of Lawrencepur similar as serial No. (5-7)                                                                                                                                                                                                                                                      |                 |                    |                       |                        |
| (b)     | using local crushed aggregate instead of Margallaha crush similar as serial No.( 5-6)                                                                                                                                                                                                                                    |                 |                    |                       |                        |
| 5-57    | Providing and laying of PVC pipe 4" dia (Medium class) in stone masonry or concrete wall for weepholes, complete in all respects.                                                                                                                                                                                        | Rm<br>Rft       | 10.00<br>3.05      | 553.75<br>168.83      |                        |

| Sr. No. | Description | Unit | Rate (Rs.) |           | Ref. Tech. Specs. |
|---------|-------------|------|------------|-----------|-------------------|
|         |             |      | Labour     | Composite |                   |
|         |             |      |            |           |                   |

