

تكلفة تقديرية لمبنى دور أرضى و أربعة أدوار متكررة

مساحة البناء 100 م²

تكلفة الأساسات (قواعد منفصلة) = 28000 جنيه مصرى

تكلفة الأعمدة و السقف للدور الواحد = 28000 جنيه مصرى

تكلفة م² تشطيب لوكس 500 جنيه مصرى

التكلفة الاجمالية للمبنى = 418000 جنيه مصرى

Table (3-1) Weights and Areas of Reinforcing Steel Bars

| Φ mm | Weight Kg/m | Area of Cross-Section in cm ² | | | | | | | | | |
|---------|----------------|--|------|------|------|------|------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 6 | 0.222 | .283 | .566 | .848 | 1.13 | 1.41 | 1.70 | 1.98 | 2.26 | 2.54 | 2.83 |
| 8 | 0.395 | .503 | 1.01 | 1.51 | 2.01 | 2.51 | 3.02 | 3.52 | 4.02 | 4.52 | 5.03 |
| 10 | 0.617 | .785 | 1.57 | 2.36 | 3.14 | 3.93 | 4.71 | 5.50 | 6.28 | 7.07 | 7.85 |
| 12 | 0.888 | 1.13 | 2.26 | 3.39 | 4.52 | 5.65 | 6.79 | 7.92 | 9.05 | 10.2 | 11.3 |
| 14 | 1.21 | 1.54 | 3.08 | 4.62 | 6.16 | 7.70 | 9.24 | 10.8 | 12.3 | 13.9 | 15.4 |
| 16 | 1.58 | 2.01 | 4.02 | 6.03 | 8.04 | 10.1 | 12.1 | 14.1 | 16.1 | 18.1 | 20.1 |
| 18 | 2.00 | 2.54 | 5.09 | 7.63 | 10.2 | 12.7 | 15.3 | 17.8 | 20.4 | 22.9 | 25.4 |
| 20 | 2.47 | 3.14 | 6.28 | 9.42 | 12.6 | 15.7 | 19.8 | 22.0 | 25.1 | 28.3 | 31.4 |
| 22 | 2.98 | 3.80 | 7.60 | 11.4 | 15.2 | 19.0 | 22.8 | 26.6 | 30.4 | 34.2 | 38.0 |
| 24 | 3.55 | 4.52 | 9.04 | 13.6 | 18.1 | 22.5 | 27.1 | 31.7 | 36.2 | 40.7 | 45.2 |
| 26 | 4.17 | 5.31 | 10.6 | 15.9 | 21.2 | 25.5 | 31.9 | 37.2 | 42.5 | 47.0 | 53.1 |
| 28 | 4.83 | 6.16 | 12.3 | 18.5 | 24.6 | 30.8 | 37.5 | 43.1 | 49.3 | 55.4 | 61.6 |
| 30 | 5.55 | 7.07 | 14.1 | 21.2 | 28.3 | 35.3 | 42.4 | 49.5 | 56.6 | 63.6 | 70.7 |
| 32 | 6.31 | 8.04 | 16.1 | 24.1 | 32.2 | 40.2 | 48.3 | 56.3 | 64.3 | 72.4 | 80.4 |
| 34 | 7.13 | 9.08 | 18.2 | 27.2 | 36.3 | 45.4 | 54.5 | 63.6 | 72.6 | 81.7 | 90.8 |
| 36 | 7.99 | 10.2 | 20.4 | 30.6 | 40.9 | 50.7 | 61.2 | 71.4 | 81.6 | 91.8 | 102 |
| 38 | 8.90 | 11.3 | 22.6 | 33.9 | 45.2 | 56.5 | 67.8 | 79.1 | 90.4 | 102 | 113 |