

J.T. MAHAJAN POLYTECHNIC , NHAZI MARG, FAIZPUR
LIST OF EQUIPMENT

Name of Department : CIVIL ENGINEERING

Name of Laboratory : Concrete Technology **Built Up Area 115.77 sqm**

| S N. | Particular | Quantity | Amount |
|-------------|---|-----------------|---------------|
| 1 | Air Permeability apparatus (Blaine type) with ISI certification mark IS:5516 | 1 | 627.00 |
| 3 | Stop watch digital 1/10 sec. | 2 | 1400.00 |
| 4 | Compression Testing Machines | 1 | 77440.00 |
| 5 | Cube Mould 15x15 cm. | 6 | 2357.00 |
| | 7.07x7.07cm | 6 | 1416.00 |
| | Cylindrical mould 15cm dia.,30 cm high | 3 | 2017.00 |
| | Beam mould 10x10x50cm | 6 | 2006.00 |
| 6 | Measuring Jar (Borosite) | 2 Each | 550.00 |
| 7 | Cement spatula | 1 | 100.00 |
| 8 | Impact testing Machine | 1 | 2240.00 |
| 9 | Vicat Apparatus with Needle | 2 | 993.00 |
| 10 | Le-Chatelier's mould with glass plates | 07 | 961.00 |
| 11 | Trowels of different sizes | 3 | 29.00 |
| 12 | Set for coarse aggregate dia. 45 cm size | 1 set | 1240.00 |
| 13 | Set for fine aggregate dia. 30 cm size | 1 set | 2926.00 |
| 14 | Sieve shaker Electrically op. | 1 | 7062.00 |
| 15 | Sieve shaker Hand op. | 1 | 1456.00 |
| 16 | G. I. Handling Tray of different sizes | 1set | 220.00 |
| 17 | Vibrating Table 1x 2m | 1 | 7911.00 |
| 18 | Slump test app. | 1 | 776.00 |
| 19 | Compaction factor app. | 1 | 3722.00 |
| 20 | Thermostatically controlled oven capacity | 0.5 mcub | 3722.00 |
| 21 | Pycnometer | 3 | 201.00 |
| 22 | Pan Balance 10 Kg capacity | 1 | 930.00 |
| 23 | Platform Balance 1000Kg | 1 | 4532.00 |
| 24 | Tamping Rod | 1 | 50.00 |
| 25 | Standard spatula | 4 | 455.00 |
| 26 | Miscellaneous Lab. Instruments such as vernier calipers, Hand tools, buckets, hand drill m/c, phavada, tikastravel, ghamela etc | Lum- sum | 4000.00 |
| 27 | Los Angeles Testin machine | 1 | 15290.00 |
| | TOTAL | | 146629.00 |