

Part C Drainage and Slope Protection Structures

500(1)a3 RCPC Standard Strength (25MPa), φ460mm (18")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|----------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| W0303 | Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication φ460 (18") | m | 10.00 | 9.7% | 67.0% | 23.3% | 53.5% | 46.5% | 522.00 | 504.47 | 3,499.21 | 1,216.32 | 2,794.81 | 2,425.19 | 5,220.00 | |
| W0341 | Precast Concrete Pipe Laying φ460 (18") | m | 10.00 | 46.9% | 8.1% | 45.0% | 28.9% | 71.1% | 200.00 | 938.50 | 161.66 | 899.83 | 578.77 | 1,421.23 | 2,000.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | 1,442.98 | 3,660.87 | 2,116.16 | 3,373.57 | 3,846.43 | 7,220.00 | | |
| | Components (%) | | | | | | | | 20.0% | 50.7% | 29.3% | 46.7% | 53.3% | 100.0% | | |
| | Unit Rate | m | | | | | | | 144.30 | 366.09 | 211.62 | 337.36 | 384.64 | 722.00 | | |

500(1)a4 RCPC Standard Strength (25MPa), φ610mm (24")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|----------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| W0304 | Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication φ610 (24") | m | 10.00 | 9.9% | 67.3% | 22.8% | 53.5% | 46.5% | 861.00 | 852.73 | 5,793.82 | 1,963.46 | 4,607.68 | 4,002.32 | 8,610.00 | |
| W0342 | Precast Concrete Pipe Laying φ610 (24") | m | 10.00 | 45.6% | 8.2% | 46.2% | 29.7% | 70.3% | 244.00 | 1,111.80 | 200.86 | 1,127.34 | 724.50 | 1,715.50 | 2,440.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | 1,964.52 | 5,994.68 | 3,090.79 | 5,332.18 | 5,717.82 | 11,050.00 | | |
| | Components (%) | | | | | | | | 17.8% | 54.3% | 28.0% | 48.3% | 51.7% | 100.0% | | |
| | Unit Rate | m | | | | | | | 197.34 | 602.18 | 310.48 | 536.63 | 574.37 | 1,110.00 | | |

500(1)a5 RCPC Standard Strength (25MPa), φ760mm (30")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|-----------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| W0305 | Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication φ760 (30") | m | 10.00 | 10.0% | 67.4% | 22.5% | 53.5% | 46.5% | 1,280.00 | 1,285.49 | 8,629.99 | 2,884.52 | 6,847.94 | 5,952.06 | 12,800.00 | |
| W0343 | Precast Concrete Pipe Laying φ760 (30") | m | 10.00 | 46.9% | 8.1% | 45.0% | 29.0% | 71.0% | 301.00 | 1,410.77 | 243.48 | 1,355.75 | 871.98 | 2,138.02 | 3,010.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | 2,696.26 | 8,873.47 | 4,240.27 | 7,719.92 | 8,090.08 | 15,810.00 | | |
| | Components (%) | | | | | | | | 17.1% | 56.1% | 26.8% | 48.8% | 51.2% | 100.0% | | |
| | Unit Rate | m | | | | | | | 269.46 | 886.79 | 423.76 | 771.50 | 808.50 | 1,580.00 | | |

500(1)a6 RCPC Standard Strength (25MPa), φ910mm (36")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| W0306 | Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication φ910 (36") | m | 10.00 | 10.5% | 67.8% | 21.7% | 53.4% | 46.6% | 1,970.00 | 2,067.89 | 13,350.59 | 4,281.52 | 10,527.61 | 9,172.39 | 19,700.00 | |
| W0344 | Precast Concrete Pipe Laying φ910 (36") | m | 10.00 | 31.0% | 8.6% | 60.4% | 37.7% | 62.3% | 513.00 | 1,588.17 | 443.06 | 3,098.77 | 1,933.29 | 3,196.71 | 5,130.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | 3,656.06 | 13,793.65 | 7,380.29 | 12,460.89 | 12,369.11 | 24,830.00 | | |
| | Components (%) | | | | | | | | 14.7% | 55.8% | 29.7% | 50.2% | 49.8% | 100.0% | | |
| | Unit Rate | m | | | | | | | 365.16 | 1,377.70 | 737.14 | 1,244.58 | 1,235.42 | 2,480.00 | | |

500(1)a7 RCPC Standard Strength (25MPa), φ1070mm (42")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| W0307 | Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication φ1070 (42") | m | 10.00 | 10.5% | 67.8% | 21.7% | 53.4% | 46.6% | 2,580.00 | 2,711.35 | 17,489.56 | 5,599.09 | 13,787.23 | 12,012.77 | 25,800.00 | |
| W0345 | Precast Concrete Pipe Laying φ1070 (42") | m | 10.00 | 31.4% | 8.6% | 60.0% | 37.4% | 62.6% | 590.00 | 1,853.99 | 507.08 | 3,538.93 | 2,208.29 | 3,691.71 | 5,900.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | 4,565.34 | 17,996.64 | 9,138.02 | 15,995.53 | 15,704.47 | 31,700.00 | | |
| | Components (%) | | | | | | | | 14.4% | 56.8% | 28.8% | 50.5% | 49.5% | 100.0% | | |
| | Unit Rate | m | | | | | | | 456.53 | 1,799.66 | 913.80 | 1,599.55 | 1,570.45 | 3,170.00 | | |

500(l)a8 RCPC Standard Strength (25MPa), φ1220mm (48")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0308 | Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication φ1220 (48") | m | 10.00 | 10.5% | 67.8% | 21.7% | 53.4% | 46.6% | 3,250.00 | 3,408.67 | 22,027.63 | 7,063.69 | 17,368.67 | 15,131.33 | 32,500.00 | |
| W0346 | Precast Concrete Pipe Laying φ1220 (48") | m | 10.00 | 31.2% | 8.6% | 60.2% | 37.8% | 62.4% | 661.00 | 2,050.03 | 569.74 | 3,981.23 | 2,484.03 | 4,125.97 | 6,610.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | | | | | | | | | 5,467.71 | 22,597.37 | 11,044.92 | 19,852.69 | 19,257.31 | 39,110.00 | | |
| Components (%) | | | | | | | | | 14.0% | 57.8% | 28.2% | 50.8% | 49.2% | 100.0% | | |
| Unit Rate | | | m | | | | | | 546.63 | 2,259.16 | 1,104.21 | 1,984.76 | 1,925.24 | 3,910.00 | | |

500(l)a9 RCPC Standard Strength (25MPa), φ1520mm (60")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0309 | Precast Reinforced Concrete Pipe (Standard Strength 25MPa), fabrication φ1520 (60") | m | 10.00 | 10.5% | 67.8% | 21.7% | 53.4% | 46.6% | 4,860.00 | 5,106.19 | 32,944.79 | 10,549.02 | 25,971.52 | 22,628.48 | 48,600.00 | |
| W0347 | Precast Concrete Pipe Laying φ1520 (60") | m | 10.00 | 26.8% | 8.5% | 64.7% | 40.0% | 60.0% | 934.00 | 2,502.52 | 792.46 | 6,045.02 | 3,732.94 | 5,607.06 | 9,340.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | | | | | | | | | 7,608.71 | 33,737.25 | 16,594.04 | 29,704.46 | 28,235.54 | 57,940.00 | | |
| Components (%) | | | | | | | | | 13.1% | 58.2% | 28.6% | 51.3% | 48.7% | 100.0% | | |
| Unit Rate | | | m | | | | | | 760.35 | 3,371.40 | 1,658.26 | 2,968.40 | 2,821.60 | 5,790.00 | | |

500(l)b3 RCPC Standard Strength (32MPa), φ460mm (18")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0313 | Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication φ460 (18") | m | 10.00 | 10.4% | 69.0% | 20.7% | 53.6% | 46.4% | 576.00 | 598.00 | 3,972.35 | 1,189.65 | 3,088.64 | 2,671.36 | 5,760.00 | |
| W0341 | Precast Concrete Pipe Laying φ460 (18") | m | 10.00 | 46.9% | 8.1% | 45.0% | 28.9% | 71.1% | 200.00 | 938.50 | 161.66 | 899.83 | 578.77 | 1,421.23 | 2,000.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | | | | | | | | | 1,536.51 | 4,134.01 | 2,089.48 | 3,607.41 | 4,092.59 | 7,760.00 | | |
| Components (%) | | | | | | | | | 19.8% | 53.3% | 26.9% | 47.3% | 52.7% | 100.0% | | |
| Unit Rate | | | m | | | | | | 153.65 | 413.40 | 208.95 | 360.74 | 409.26 | 776.00 | | |

500(l)b4 RCPC Standard Strength (32MPa), φ610mm (24")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0314 | Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication φ610 (24") | m | 10.00 | 10.3% | 68.9% | 20.7% | 53.6% | 46.4% | 945.00 | 976.74 | 6,512.98 | 1,960.28 | 5,067.86 | 4,382.14 | 9,450.00 | |
| W0342 | Precast Concrete Pipe Laying φ610 (24") | m | 10.00 | 45.6% | 8.2% | 46.2% | 29.7% | 70.3% | 244.00 | 1,111.80 | 200.86 | 1,127.34 | 724.50 | 1,715.50 | 2,440.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | | | | | | | | | 2,088.54 | 6,713.85 | 3,087.61 | 5,792.36 | 6,097.64 | 11,890.00 | | |
| Components (%) | | | | | | | | | 17.6% | 56.5% | 26.0% | 48.7% | 51.3% | 100.0% | | |
| Unit Rate | | | m | | | | | | 209.03 | 671.95 | 309.02 | 579.22 | 610.28 | 1,190.00 | | |

500(l)b5 RCPC Standard Strength (32MPa), φ760mm (30")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0315 | Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication φ760 (30") | m | 10.00 | 10.2% | 68.8% | 21.0% | 53.6% | 46.4% | 1,320.00 | 1,347.64 | 9,086.88 | 2,765.47 | 7,081.53 | 6,119.47 | 13,200.00 | |
| W0343 | Precast Concrete Pipe Laying φ760 (30") | m | 10.00 | 46.9% | 8.1% | 45.0% | 29.8% | 71.0% | 301.00 | 1,410.77 | 243.48 | 1,355.76 | 871.98 | 2,138.02 | 3,010.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total | | | | | | | | | 2,758.41 | 9,330.37 | 4,121.22 | 7,953.51 | 8,256.49 | 16,210.00 | | |
| Components (%) | | | | | | | | | 17.0% | 57.6% | 25.4% | 49.1% | 50.9% | 100.0% | | |
| Unit Rate | | | m | | | | | | 275.67 | 932.46 | 411.87 | 794.86 | 825.14 | 1,620.00 | | |

| 500(1)b6 RCPC Standard Strength (32MPa), ϕ 910mm (36") | | | | | | | | | | Unit: 10.00 m | | | | | | |
|---|--|------|----------|-----------|-------|--------|-------|-------|------------|---------------|-----------|-----------|-----------|-----------|------------|---------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0316 | Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication ϕ 910 (36") | m | 10.00 | 10.8% | 69.1% | 20.1% | 53.5% | 46.5% | 2,130.00 | 2,305.31 | 14,720.49 | 4,274.20 | 11,404.03 | 9,895.97 | 21,300.00 | |
| W0344 | Precast Concrete Pipe Laying ϕ 910 (36") | m | 10.00 | 31.0% | 8.6% | 60.4% | 37.7% | 62.3% | 613.00 | 1,588.17 | 443.06 | 3,098.77 | 1,933.29 | 3,186.71 | 5,130.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 3,893.48 | 15,163.55 | 7,372.97 | 13,337.32 | 13,082.68 | 26,430.00 | |
| | Components (%) | | | | | | | | | 14.7% | 57.4% | 27.9% | 50.5% | 49.5% | 100.0% | |
| | Unit Rate | m | | | | | | | | 389.35 | 1,516.35 | 737.29 | 1,333.73 | 1,308.26 | 2,643.00 | |

| 500(1)b7 RCPC Standard Strength (32MPa), ϕ 1070mm (42") | | | | | | | | | | Unit: 10.00 m | | | | | | |
|--|---|------|----------|-----------|-------|--------|-------|-------|------------|---------------|-----------|-----------|-----------|-----------|------------|---------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0317 | Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication ϕ 1070 (42") | m | 10.00 | 10.7% | 69.1% | 20.2% | 53.6% | 46.4% | 2,680.00 | 2,880.70 | 18,515.16 | 5,404.14 | 14,352.52 | 12,447.48 | 26,800.00 | |
| W0345 | Precast Concrete Pipe Laying ϕ 1070 (42") | m | 10.00 | 31.4% | 8.6% | 60.0% | 37.4% | 62.6% | 590.00 | 1,853.99 | 507.08 | 3,538.93 | 2,208.29 | 3,691.71 | 5,900.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 4,734.70 | 19,022.24 | 8,943.07 | 16,560.81 | 16,139.19 | 32,700.00 | |
| | Components (%) | | | | | | | | | 14.5% | 58.2% | 27.3% | 50.6% | 49.4% | 100.0% | |
| | Unit Rate | m | | | | | | | | 473.47 | 1,902.22 | 894.31 | 1,656.08 | 1,613.92 | 3,270.00 | |

| 500(1)b8 RCPC Standard Strength (32MPa), ϕ 1220mm (48") | | | | | | | | | | Unit: 10.00 m | | | | | | |
|--|---|------|----------|-----------|-------|--------|-------|-------|------------|---------------|-----------|-----------|-----------|-----------|------------|---------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0318 | Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication ϕ 1220 (48") | m | 10.00 | 10.7% | 69.1% | 20.2% | 53.6% | 46.4% | 3,470.00 | 3,729.96 | 23,968.18 | 7,001.86 | 18,582.74 | 16,117.26 | 34,700.00 | |
| W0346 | Precast Concrete Pipe Laying ϕ 1220 (48") | m | 10.00 | 31.2% | 8.6% | 60.2% | 37.6% | 62.4% | 661.00 | 2,059.03 | 568.74 | 3,981.23 | 2,484.03 | 4,125.97 | 6,610.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 5,788.99 | 24,536.92 | 10,983.09 | 21,066.76 | 20,243.24 | 41,310.00 | |
| | Components (%) | | | | | | | | | 14.0% | 59.4% | 26.6% | 51.0% | 49.0% | 100.0% | |
| | Unit Rate | m | | | | | | | | 578.90 | 2,453.69 | 1,098.31 | 2,106.67 | 2,024.32 | 4,131.00 | |

| 500(1)b9 RCPC Standard Strength (32MPa), ϕ 1520mm (60") | | | | | | | | | | Unit: 10.00 m | | | | | | |
|--|---|------|----------|-----------|-------|--------|-------|-------|------------|---------------|-----------|-----------|-----------|-----------|------------|---------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0319 | Precast Reinforced Concrete Pipe (Standard Strength 32MPa), fabrication ϕ 1520 (60") | m | 10.00 | 10.8% | 69.1% | 20.1% | 53.5% | 46.5% | 5,170.00 | 5,589.19 | 35,731.80 | 10,377.01 | 27,681.93 | 24,018.07 | 51,700.00 | |
| W0347 | Precast Concrete Pipe Laying ϕ 1520 (60") | m | 10.00 | 26.8% | 8.5% | 64.7% | 40.0% | 60.0% | 934.00 | 2,502.52 | 792.46 | 6,045.02 | 3,732.94 | 5,607.06 | 9,340.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 8,091.71 | 36,524.26 | 16,422.03 | 31,414.87 | 29,625.13 | 61,040.00 | |
| | Components (%) | | | | | | | | | 13.3% | 59.8% | 26.9% | 51.5% | 48.5% | 100.0% | |
| | Unit Rate | m | | | | | | | | 809.17 | 3,652.42 | 1,642.20 | 3,141.48 | 2,962.51 | 6,104.00 | |

| 500(1)c3 RCPC Extra Strength (32MPa), ϕ 460mm (18") | | | | | | | | | | Unit: 10.00 m | | | | | | |
|--|---|------|----------|-----------|-------|--------|-------|-------|------------|---------------|----------|-----------|----------|----------|------------|---------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0331 | Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication ϕ 460 (18") | m | 10.00 | 10.4% | 68.9% | 20.7% | 53.6% | 46.4% | 744.00 | 772.80 | 5,124.64 | 1,542.56 | 3,988.84 | 3,451.16 | 7,440.00 | |
| W0341 | Precast Concrete Pipe Laying ϕ 460 (18") | m | 10.00 | 46.9% | 8.1% | 45.0% | 28.9% | 71.1% | 200.00 | 938.50 | 161.66 | 899.83 | 578.77 | 1,421.23 | 2,060.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,711.30 | 5,286.30 | 2,442.40 | 4,567.61 | 4,872.40 | 9,440.00 | |
| | Components (%) | | | | | | | | | 18.1% | 56.0% | 25.9% | 48.4% | 51.6% | 100.0% | |
| | Unit Rate | m | | | | | | | | 171.13 | 528.63 | 244.24 | 456.76 | 487.24 | 944.00 | |

500(1)c4 RCPC Extra Strength (32MPa), ϕ 610mm (24") Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0332 | Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication ϕ 610 (24") | m | 10.00 | 10.2% | 68.8% | 20.9% | 53.6% | 46.4% | 1,100.00 | 1,125.50 | 7,572.79 | 2,301.70 | 5,900.78 | 5,099.22 | 11,000.00 | |
| W0342 | Precast Concrete Pipe Laying ϕ 610 (24") | m | 10.00 | 45.6% | 8.2% | 46.2% | 29.7% | 70.3% | 244.00 | 1,111.80 | 200.86 | 1,127.34 | 724.50 | 1,715.50 | 2,440.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | 2,237.30 | 7,773.66 | 3,429.04 | 6,625.28 | 6,814.72 | 13,440.00 | | |
| Components (%) | | | | | | | | | 16.6% | 57.8% | 25.5% | 49.3% | 50.7% | 100.0% | | |
| Unit Rate | | | m | | | | | | 223.06 | 775.05 | 341.88 | 660.50 | 679.41 | 1,340.00 | | |

500(1)c5 RCPC Extra Strength (32MPa), ϕ 760mm (30") Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0333 | Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication ϕ 760 (30") | m | 10.00 | 10.3% | 68.9% | 20.8% | 53.6% | 46.4% | 1,640.00 | 1,695.21 | 11,300.33 | 3,404.46 | 8,794.76 | 7,605.24 | 16,400.00 | |
| W0343 | Precast Concrete Pipe Laying ϕ 760 (30") | m | 10.00 | 46.9% | 8.1% | 45.0% | 29.0% | 71.0% | 301.00 | 1,410.77 | 243.48 | 1,355.75 | 871.98 | 2,138.02 | 3,010.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | 3,105.98 | 11,543.81 | 4,760.21 | 9,666.74 | 9,743.26 | 19,410.00 | | |
| Components (%) | | | | | | | | | 16.0% | 59.5% | 24.5% | 49.8% | 50.2% | 100.0% | | |
| Unit Rate | | | m | | | | | | 310.44 | 1,153.79 | 475.78 | 966.18 | 974.82 | 1,940.00 | | |

500(1)c6 RCPC Extra Strength (32MPa), ϕ 910mm (36") Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0334 | Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication ϕ 910 (36") | m | 10.00 | 10.8% | 68.8% | 20.4% | 53.5% | 46.5% | 2,620.00 | 2,832.42 | 18,015.72 | 5,351.86 | 14,025.49 | 12,174.51 | 26,200.00 | |
| W0344 | Precast Concrete Pipe Laying ϕ 910 (36") | m | 10.00 | 31.0% | 8.6% | 60.4% | 37.7% | 62.3% | 513.00 | 1,588.17 | 443.06 | 3,098.77 | 1,933.29 | 3,196.71 | 5,130.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | 4,420.59 | 18,458.78 | 8,450.63 | 15,958.78 | 15,371.22 | 31,330.00 | | |
| Components (%) | | | | | | | | | 14.1% | 58.9% | 27.0% | 50.9% | 49.1% | 100.0% | | |
| Unit Rate | | | m | | | | | | 441.64 | 1,844.11 | 844.25 | 1,594.35 | 1,535.65 | 3,130.00 | | |

500(1)c7 RCPC Extra Strength (32MPa), ϕ 1070mm (42") Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0335 | Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication ϕ 1070 (42") | m | 10.00 | 11.2% | 69.0% | 19.8% | 53.5% | 46.5% | 3,940.00 | 4,411.67 | 27,187.12 | 7,801.21 | 21,066.45 | 18,333.55 | 39,400.00 | |
| W0345 | Precast Concrete Pipe Laying ϕ 1070 (42") | m | 10.00 | 31.4% | 8.6% | 60.0% | 37.4% | 62.6% | 590.00 | 1,853.99 | 507.08 | 3,538.93 | 2,208.29 | 3,691.71 | 5,900.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | 6,266.66 | 27,694.20 | 11,340.14 | 23,274.74 | 22,025.26 | 45,300.00 | | |
| Components (%) | | | | | | | | | 13.8% | 61.1% | 25.0% | 51.4% | 48.6% | 100.0% | | |
| Unit Rate | | | m | | | | | | 626.57 | 2,769.42 | 1,134.01 | 2,327.47 | 2,202.53 | 4,530.00 | | |

500(1)c8 RCPC Extra Strength (32MPa), ϕ 1220mm (48") Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0336 | Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication ϕ 1220 (48") | m | 10.00 | 10.8% | 68.8% | 20.5% | 53.5% | 46.5% | 4,290.00 | 4,622.48 | 29,496.12 | 8,781.40 | 22,968.47 | 19,931.53 | 42,900.00 | |
| W0346 | Precast Concrete Pipe Laying ϕ 1220 (48") | m | 10.00 | 31.2% | 8.6% | 60.2% | 37.6% | 62.4% | 661.00 | 2,059.03 | 569.74 | 3,981.23 | 2,484.03 | 4,125.97 | 6,610.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | 6,681.51 | 30,065.86 | 12,762.63 | 25,452.50 | 24,057.50 | 49,510.00 | | |
| Components (%) | | | | | | | | | 13.5% | 60.7% | 25.8% | 51.4% | 48.6% | 100.0% | | |
| Unit Rate | | | m | | | | | | 668.02 | 3,005.98 | 1,276.00 | 2,544.74 | 2,405.26 | 4,950.00 | | |

500(1)c9 RCPC Extra Strength (32MPa), ϕ 1520mm (60")

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0337 | Precast Reinforced Concrete Pipe (Extra Strength 32MPa), fabrication ϕ 1520 (60") | m | 10.00 | 11.2% | 68.8% | 20.0% | 53.5% | 46.5% | 7,450.00 | 8,326.82 | 51,291.54 | 14,881.64 | 39,833.39 | 34,666.81 | 74,500.00 | |
| W0347 | Precast Concrete Pipe Laying ϕ 1520 (60") | m | 10.00 | 26.8% | 8.5% | 64.7% | 40.0% | 60.0% | 934.00 | 2,502.52 | 792.46 | 6,045.02 | 3,732.94 | 5,607.06 | 9,340.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | 10,829.34 | 52,084.00 | 20,926.66 | 43,566.33 | 40,273.67 | 83,840.00 | | |
| Components (%) | | | | | | | | | 12.9% | 62.1% | 25.0% | 52.0% | 48.0% | 100.0% | | |
| Unit Rate | | | m | | | | | | 1,082.42 | 6,208.92 | 2,091.67 | 4,354.55 | 4,025.45 | 8,380.00 | | |

502(2)a1 Drop Inlet Manhole for RCPC 1- ϕ 460 x 1- ϕ 460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 82.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0263 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.84 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 31.22 | 1,085.90 | 201.68 | 750.35 | 568.45 | 1,318.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.82 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 32.74 | 0.41 | 177.59 | 95.17 | 115.57 | 210.74 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.82 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.57 | 0.26 | 0.61 | 0.48 | 2.97 | 3.45 | |
| W0241 | Formwork (reinforced concrete H(4m) | m2 | 7.83 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,039.83 | 700.33 | 13.76 | 51.18 | 1,702.74 | 1,753.92 | |
| W0751 | Concrete Hollow Block (150x200x100mm), Furnish & Laying including mortar fill | each | 31.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 583.24 | 604.29 | 21.48 | 229.24 | 979.76 | 1,209.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 43.79 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 21.30 | 154.95 | 785.69 | 79.66 | 550.92 | 469.39 | 1,020.31 | |
| W0701 | Precast Concrete Cover (580x480x70), Furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, Furnish & installation | each | 6.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 27.87 | 301.77 | 20.76 | 220.58 | 129.82 | 350.40 | |
| W0716 | Steel Grate for Manhole Inlet, Furnish & installation | kg | 2.65 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 30.75 | 44.20 | 5.35 | 31.72 | 48.98 | 80.30 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | 1,913.82 | 3,628.71 | 530.70 | 2,002.85 | 4,070.37 | 6,073.22 | | |
| Components (%) | | | | | | | | | 31.5% | 59.7% | 8.7% | 33.0% | 67.0% | 100.0% | | |
| Unit Rate | | | each | | | | | | 1,912.80 | 3,626.78 | 530.41 | 2,001.79 | 4,068.21 | 6,070.00 | | |

502(2)a2 Drop Inlet Manhole for RCPC 1-φ610 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 82.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.02 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 37.91 | 1,318.60 | 244.90 | 911.14 | 690.26 | 1,601.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.00 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 39.93 | 0.50 | 216.57 | 116.06 | 140.94 | 257.00 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.00 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.14 | 0.32 | 0.75 | 0.59 | 3.62 | 4.21 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 9.45 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,254.97 | 845.23 | 16.60 | 61.77 | 2,055.03 | 2,116.80 | |
| W0751 | Concrete Hollow Block (150x200x100mm), furnish & laying including mortar fill | each | 34.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 639.68 | 662.76 | 23.55 | 251.43 | 1,074.57 | 1,326.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 53.17 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 188.14 | 953.99 | 96.73 | 668.92 | 569.94 | 1,238.86 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 6.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 27.87 | 301.77 | 20.76 | 220.58 | 129.82 | 350.40 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 2.65 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 30.75 | 44.20 | 5.35 | 31.32 | 48.98 | 80.30 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,233.03 | 4,233.22 | 635.02 | 2,335.41 | 4,765.86 | 7,101.27 | |
| Components (%) | | | | | | | | | | 31.4% | 59.6% | 8.9% | 32.9% | 67.1% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,232.63 | 4,232.46 | 634.90 | 2,335.00 | 4,765.00 | 7,100.00 | |

502(2)a3 Drop Inlet Manhole for RCPC 1-φ760 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 82.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.28 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.57 | 1,654.71 | 307.32 | 1,143.39 | 866.21 | 2,009.60 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.25 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 49.91 | 0.63 | 270.71 | 145.08 | 176.17 | 321.25 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.25 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.93 | 0.40 | 0.93 | 0.73 | 4.53 | 5.26 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 12.14 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,612.20 | 1,085.83 | 21.33 | 79.35 | 2,640.01 | 2,719.36 | |
| W0751 | Concrete Hollow Block (150x200x100mm), furnish & laying including mortar fill | each | 36.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 677.31 | 701.75 | 24.94 | 266.22 | 1,137.78 | 1,404.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 60.51 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 214.12 | 1,085.68 | 110.08 | 761.26 | 648.62 | 1,409.88 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 7.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 32.51 | 352.06 | 24.23 | 257.34 | 151.46 | 408.80 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 2.65 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 30.75 | 44.20 | 5.35 | 31.32 | 48.98 | 80.30 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,678.94 | 5,031.12 | 774.70 | 2,758.31 | 5,726.44 | 8,484.75 | |
| Components (%) | | | | | | | | | | 31.6% | 59.3% | 9.1% | 32.5% | 67.5% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,677.44 | 5,028.30 | 774.26 | 2,756.76 | 5,723.24 | 8,480.00 | |

502(2)a4 Drop Inlet Manhole for RCPC 1-φ910 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.56 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 57.98 | 2,016.68 | 374.55 | 1,393.51 | 1,055.69 | 2,449.20 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.53 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 61.09 | 0.77 | 331.35 | 177.57 | 215.64 | 393.21 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.53 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.14 | 0.49 | 1.14 | 0.90 | 5.54 | 6.44 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 15.17 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,014.59 | 1,356.84 | 26.65 | 99.16 | 3,298.92 | 3,398.08 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 39.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 733.75 | 760.23 | 27.02 | 288.40 | 1,232.60 | 1,521.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 71.71 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 253.75 | 1,286.64 | 130.46 | 902.17 | 768.67 | 1,670.84 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 9.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 37.16 | 402.36 | 27.69 | 294.11 | 173.09 | 467.20 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 2.65 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 30.75 | 44.20 | 5.35 | 31.32 | 48.98 | 80.30 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,204.51 | 5,974.05 | 934.01 | 3,260.74 | 6,851.83 | 10,112.57 | |
| Components (%) | | | | | | | | | | 31.7% | 59.1% | 9.2% | 32.2% | 67.8% | 100.0% | |
| Unit Rate | | | each | | | | | | | 3,200.52 | 5,966.63 | 932.85 | 3,256.69 | 6,843.31 | 10,108.00 | |

502(2)a5 Drop Inlet Manhole for RCPC 1-φ1070 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.79 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 66.52 | 2,314.01 | 429.77 | 1,598.96 | 1,211.34 | 2,810.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.75 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 69.87 | 0.88 | 379.00 | 203.11 | 246.64 | 449.75 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.75 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 5.50 | 0.56 | 1.31 | 1.03 | 6.34 | 7.37 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 17.36 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,305.42 | 1,552.72 | 30.50 | 113.47 | 3,775.17 | 3,888.64 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 42.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 790.30 | 818.71 | 29.10 | 319.59 | 1,327.41 | 1,639.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 76.66 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 271.26 | 1,375.45 | 139.46 | 964.45 | 821.73 | 1,786.18 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 9.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 41.80 | 452.85 | 31.15 | 330.87 | 194.73 | 525.60 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 2.65 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 30.75 | 44.20 | 5.35 | 31.32 | 48.98 | 80.30 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,591.97 | 6,665.04 | 1,055.43 | 3,627.40 | 7,685.04 | 11,312.44 | |
| Components (%) | | | | | | | | | | 31.8% | 58.9% | 9.3% | 32.1% | 67.9% | 100.0% | |
| Unit Rate | | | each | | | | | | | 3,588.02 | 6,657.71 | 1,054.27 | 3,623.41 | 7,676.59 | 11,300.00 | |

| 502(2)a6 | | Drop Inlet Manhole for RCPC 1-φ1220 x 1-φ460 | | | | | | | | | | Unit: 1.00 each | | | | |
|----------------|---|--|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------------|----------|----------|------------|-----------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.11 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 78.42 | 2,727.69 | 506.60 | 1,884.81 | 1,427.89 | 3,312.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.07 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 82.65 | 1.04 | 448.30 | 240.24 | 291.75 | 531.99 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.07 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 6.50 | 0.66 | 1.55 | 1.22 | 7.49 | 8.71 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 20.89 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,774.21 | 1,868.45 | 36.70 | 136.55 | 4,542.81 | 4,679.36 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 45.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 846.64 | 877.19 | 31.17 | 332.77 | 1,422.23 | 1,755.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 84.93 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 300.53 | 1,523.84 | 154.51 | 1,068.49 | 910.38 | 1,978.87 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 10.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 46.45 | 502.95 | 34.61 | 367.64 | 216.36 | 584.00 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 2.65 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 30.75 | 44.20 | 5.35 | 31.32 | 48.98 | 80.30 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,176.78 | 7,651.86 | 1,228.59 | 4,136.64 | 8,920.59 | 13,057.23 | |
| Components (%) | | | | | | | | | | 32.0% | 58.6% | 9.4% | 31.7% | 68.3% | 100.0% | |
| Unit Rate | | | each | | | | | | | 4,190.46 | 7,676.93 | 1,232.61 | 4,150.19 | 8,949.81 | 13,100.00 | |

| 502(2)a7 | | Drop Inlet Manhole for RCPC 1-φ1520 x 1-φ460 | | | | | | | | | | Unit: 1.00 each | | | | |
|----------------|---|--|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------------|----------|-----------|------------|-----------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.71 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 100.72 | 3,503.33 | 650.65 | 2,420.77 | 1,833.93 | 4,254.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.66 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 106.20 | 1.34 | 576.08 | 308.72 | 374.90 | 683.62 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.66 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 8.36 | 0.85 | 1.99 | 1.56 | 9.64 | 11.20 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 27.39 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,637.41 | 2,449.83 | 48.12 | 179.03 | 6,956.33 | 8,135.26 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 50.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 940.71 | 974.65 | 34.64 | 369.75 | 1,580.25 | 1,950.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 105.33 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 372.71 | 1,889.86 | 191.62 | 1,325.14 | 1,129.05 | 2,454.19 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 11.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 51.09 | 553.24 | 38.07 | 404.40 | 238.00 | 642.40 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 2.65 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 30.75 | 44.20 | 5.35 | 31.32 | 48.98 | 80.30 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 5,258.60 | 9,523.15 | 1,556.32 | 5,114.30 | 11,223.77 | 16,338.07 | |
| Components (%) | | | | | | | | | | 32.2% | 58.3% | 9.5% | 31.3% | 68.7% | 100.0% | |
| Unit Rate | | | each | | | | | | | 5,246.34 | 9,500.96 | 1,552.69 | 5,102.38 | 11,197.62 | 16,300.00 | |

502(2)a12 Drop Inlet Manhole for RCPC 1-φ610 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.14 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 12.37 | 1,473.73 | 273.71 | 1,018.33 | 771.47 | 1,789.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.12 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 44.72 | 0.56 | 242.56 | 129.99 | 157.85 | 287.84 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.12 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.52 | 0.36 | 0.84 | 0.66 | 4.06 | 4.72 | |
| W0241 | Formwork (reinforced concrete B(4m) | m2 | 10.28 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,365.19 | 919.47 | 18.06 | 67.19 | 2,235.53 | 2,302.72 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 37.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 696.12 | 721.24 | 25.83 | 273.61 | 1,169.39 | 1,443.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 59.70 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 211.25 | 1,071.15 | 108.61 | 751.07 | 639.94 | 1,391.01 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 6.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 27.87 | 301.77 | 20.76 | 220.58 | 129.82 | 360.40 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 3.26 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 37.82 | 54.37 | 6.59 | 38.53 | 60.25 | 98.78 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,439.51 | 4,648.50 | 706.56 | 2,573.58 | 5,220.99 | 7,794.57 | |
| Components (%) | | | | | | | | | | 31.3% | 59.6% | 9.1% | 33.0% | 67.0% | 100.0% | |
| Unit Rate | | | | | | | | | | 2,438.08 | 4,645.78 | 706.14 | 2,572.07 | 5,217.93 | 7,790.00 | |

502(2)a13 Drop Inlet Manhole for RCPC 1-φ760 x 1-φ760

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.43 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 53.15 | 1,848.62 | 343.33 | 1,277.38 | 987.72 | 2,245.10 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.40 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 55.90 | 0.71 | 301.20 | 162.48 | 197.32 | 358.80 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.40 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 4.40 | 0.45 | 1.05 | 0.82 | 5.07 | 5.89 | |
| W0241 | Formwork (reinforced concrete B(4m) | m2 | 13.14 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,745.00 | 1,175.27 | 23.09 | 85.89 | 2,857.47 | 2,943.36 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 39.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 733.75 | 760.23 | 27.02 | 288.40 | 1,232.60 | 1,521.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 67.78 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 239.84 | 1,216.12 | 123.31 | 852.73 | 726.54 | 1,579.27 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 7.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 32.51 | 352.06 | 24.23 | 257.34 | 151.46 | 408.80 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 3.26 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 37.82 | 54.37 | 6.59 | 38.53 | 60.25 | 98.78 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,913.01 | 5,513.68 | 861.60 | 3,037.18 | 6,251.12 | 9,288.30 | |
| Components (%) | | | | | | | | | | 31.4% | 59.4% | 9.3% | 32.7% | 67.3% | 100.0% | |
| Unit Rate | | | | | | | | | | 2,913.55 | 5,514.69 | 861.76 | 3,037.74 | 6,252.26 | 9,290.00 | |

502(2)a14 Drop Inlet Manhole for RCPC 1-φ910 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.73 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 64.29 | 2,236.44 | 415.36 | 1,545.36 | 1,170.74 | 2,716.10 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.70 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 67.87 | 0.86 | 368.17 | 197.30 | 239.60 | 436.90 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.70 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 5.34 | 0.55 | 1.27 | 1.00 | 6.16 | 7.16 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 16.34 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,169.96 | 1,461.49 | 28.71 | 106.81 | 3,553.35 | 3,660.16 | |
| W0751 | Concrete Hollow Block (150x200x100mm), furnish & laying including mortar fill | each | 42.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 790.20 | 818.71 | 29.10 | 310.59 | 1,327.41 | 1,838.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 78.75 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 278.66 | 1,412.96 | 143.26 | 990.74 | 844.14 | 1,834.88 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 8.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 37.16 | 402.36 | 27.69 | 294.11 | 173.09 | 467.20 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 3.26 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 37.82 | 54.37 | 6.59 | 38.53 | 60.25 | 98.78 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,461.96 | 6,493.58 | 1,029.94 | 3,558.04 | 7,427.44 | 10,985.48 | |
| Components (%) | | | | | | | | | | 31.5% | 59.1% | 9.4% | 32.4% | 67.6% | 100.0% | |
| Unit Rate | | | each | | | | | | | 3,466.53 | 6,502.16 | 1,031.31 | 3,562.75 | 7,437.25 | 11,000.00 | |

502(2)a15 Drop Inlet Manhole for RCPC 1-φ1070 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.97 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 73.21 | 2,546.70 | 472.98 | 1,759.75 | 1,333.15 | 3,092.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.93 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 77.06 | 0.97 | 417.98 | 224.00 | 272.01 | 496.01 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.93 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 6.07 | 0.62 | 1.44 | 1.13 | 7.00 | 8.13 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 18.64 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,475.41 | 1,667.21 | 32.75 | 121.84 | 4,053.52 | 4,175.36 | |
| W0751 | Concrete Hollow Block (150x200x100mm), furnish & laying including mortar fill | each | 45.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 846.64 | 877.19 | 31.17 | 332.77 | 1,422.23 | 1,755.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 85.46 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 302.40 | 1,533.35 | 155.47 | 1,075.16 | 916.06 | 1,991.22 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 9.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 41.80 | 452.65 | 31.15 | 330.87 | 194.73 | 525.60 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 3.26 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 37.82 | 54.37 | 6.59 | 38.53 | 60.25 | 98.78 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,871.06 | 7,238.91 | 1,159.34 | 3,957.66 | 8,311.64 | 12,269.30 | |
| Components (%) | | | | | | | | | | 31.6% | 59.0% | 9.4% | 32.3% | 67.7% | 100.0% | |
| Unit Rate | | | each | | | | | | | 3,880.74 | 7,257.02 | 1,162.24 | 3,967.56 | 8,332.44 | 12,300.00 | |

502(2)a16 Drop Inlet Manhole for RCPC 1-φ1220 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|----------|------------|----------------|-----------|----------|----------|-----------|------------|---------|
| | | | | Component (%) | | | | | Labor | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.32 | 2.4% | 82.3% | 16.3% | 56.9% | 43.1% | 1,570.00 | 86.22 | 2,998.16 | 557.02 | 2,072.39 | 1,570.01 | 3,642.40 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.27 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 90.63 | 1.14 | 491.61 | 263.46 | 319.93 | 583.39 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.27 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 7.13 | 0.73 | 1.70 | 1.33 | 8.23 | 9.56 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 22.34 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,966.77 | 1,998.14 | 39.25 | 146.02 | 4,858.14 | 5,004.16 | | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 47.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 884.27 | 916.17 | 32.56 | 347.56 | 1,485.44 | 1,833.00 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 94.49 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 334.36 | 1,695.37 | 174.98 | 1,188.76 | 1,012.86 | 2,201.62 | | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 10.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 48.45 | 502.95 | 34.61 | 367.64 | 216.36 | 584.00 | | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 3.26 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 37.82 | 54.37 | 6.59 | 38.53 | 60.25 | 98.78 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| Total | | | | | | | | | | 4,464.29 | 8,273.88 | 1,345.03 | 4,499.31 | 9,583.90 | 14,083.21 | | |
| Components (%) | | | | | | | | | | 31.7% | 58.7% | 9.6% | 31.9% | 68.1% | 100.0% | | |
| Unit Rate | | | each | | | | | | | 4,469.62 | 8,283.75 | 1,346.63 | 4,504.67 | 9,595.33 | 14,100.00 | | |

502(2)a17 Drop Inlet Manhole for RCPC 1-φ1520 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|----------|------------|----------------|-----------|----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | Labor | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.96 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 110.01 | 3,826.62 | 710.68 | 2,644.09 | 2,063.11 | 4,647.20 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.90 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 115.78 | 1.46 | 628.05 | 336.57 | 408.73 | 745.30 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.90 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 9.11 | 0.93 | 2.17 | 1.70 | 10.51 | 12.21 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 29.12 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,867.16 | 2,604.56 | 51.16 | 190.34 | 6,332.54 | 6,522.88 | | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 53.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 997.15 | 1,033.13 | 36.72 | 391.83 | 1,675.07 | 2,067.00 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 116.56 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 412.45 | 2,091.35 | 212.05 | 1,466.42 | 1,249.43 | 2,715.85 | | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 11.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 51.09 | 553.24 | 38.07 | 404.40 | 238.00 | 642.40 | | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 3.26 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 37.82 | 54.37 | 6.59 | 38.53 | 60.25 | 98.78 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| Total | | | | | | | | | | 5,611.23 | 10,271.42 | 1,695.28 | 5,547.60 | 12,030.32 | 17,577.92 | | |
| Components (%) | | | | | | | | | | 31.9% | 58.4% | 9.6% | 31.6% | 68.4% | 100.0% | | |
| Unit Rate | | | each | | | | | | | 5,618.27 | 10,284.32 | 1,697.41 | 5,554.56 | 12,045.44 | 17,600.00 | | |

502(2)a22 Drop Inlet Manhole for RCPC 2-φ610 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.86 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 69.13 | 2,404.50 | 446.57 | 1,661.49 | 1,258.71 | 2,920.20 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.82 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 72.66 | 0.92 | 394.16 | 211.23 | 256.51 | 467.74 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.82 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 5.72 | 0.58 | 1.36 | 1.07 | 6.59 | 7.66 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 14.89 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,977.40 | 1,331.80 | 26.16 | 97.33 | 3,238.03 | 3,335.36 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 52.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 978.34 | 1,013.64 | 36.02 | 384.54 | 1,643.46 | 2,028.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 94.26 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 333.54 | 1,691.24 | 171.48 | 1,185.87 | 1,010.39 | 2,196.26 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 6.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 27.87 | 301.77 | 20.76 | 220.58 | 129.82 | 350.40 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 6.37 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 73.90 | 106.24 | 12.87 | 75.28 | 117.73 | 193.01 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,549.21 | 6,956.53 | 1,119.19 | 3,910.99 | 7,713.94 | 11,624.93 | |
| Components (%) | | | | | | | | | | 30.5% | 59.8% | 9.6% | 33.6% | 66.4% | 100.0% | |
| Unit Rate | | | | | | | | | | 3,541.60 | 6,941.61 | 1,116.79 | 3,902.60 | 7,697.40 | 11,600.00 | |

502(2)a23 Drop Inlet Manhole for RCPC 2-φ760 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.40 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 89.19 | 3,102.58 | 576.22 | 2,143.86 | 1,624.14 | 3,768.00 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.35 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 93.83 | 1.18 | 508.94 | 272.74 | 331.21 | 603.95 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.35 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 7.38 | 0.75 | 1.76 | 1.38 | 8.51 | 9.89 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 19.96 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,650.70 | 1,785.27 | 35.07 | 130.47 | 4,340.57 | 4,471.04 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 58.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,091.22 | 1,130.60 | 40.18 | 428.91 | 1,833.09 | 2,262.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 112.21 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 397.06 | 2,013.30 | 204.13 | 1,411.69 | 1,202.80 | 2,614.49 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 7.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 32.61 | 352.06 | 24.23 | 257.34 | 151.46 | 408.80 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 7.87 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 91.30 | 131.26 | 15.90 | 93.00 | 145.46 | 238.46 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,463.85 | 8,622.85 | 1,416.23 | 4,813.00 | 9,689.93 | 14,502.93 | |
| Components (%) | | | | | | | | | | 30.6% | 59.5% | 9.8% | 33.2% | 66.8% | 100.0% | |
| Unit Rate | | | | | | | | | | 4,462.95 | 8,621.11 | 1,415.94 | 4,812.03 | 9,687.97 | 14,500.00 | |

502(2)a24 Drop Inlet Manhole for RCPC 2-φ910 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.99 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 111.12 | 3,865.30 | 717.88 | 2,670.89 | 2,023.41 | 4,694.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.93 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 116.98 | 1.48 | 634.55 | 340.06 | 412.95 | 753.01 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.93 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 9.21 | 0.94 | 2.19 | 1.72 | 10.82 | 12.34 | |
| W0241 | Formwork (reinforced concrete H(4m) | m2 | 25.72 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,415.63 | 2,300.46 | 45.19 | 168.12 | 5,593.16 | 5,761.28 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 65.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,222.92 | 1,267.05 | 45.03 | 480.67 | 2,054.33 | 2,535.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 135.00 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 477.70 | 2,422.20 | 245.59 | 1,698.41 | 1,447.09 | 3,145.50 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 8.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 37.16 | 402.36 | 27.69 | 294.11 | 173.08 | 467.20 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 9.14 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 106.04 | 152.44 | 18.46 | 108.01 | 168.93 | 276.94 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 5,507.41 | 10,518.07 | 1,746.38 | 5,835.59 | 11,936.28 | 17,771.87 | |
| Components (%) | | | | | | | | | | 31.0% | 59.2% | 9.8% | 32.8% | 67.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 5,516.13 | 10,534.72 | 1,749.15 | 5,844.83 | 11,955.17 | 17,808.00 | |

502(2)a25 Drop Inlet Manhole for RCPC 2-φ1070 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 3.51 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 130.45 | 4,537.53 | 842.73 | 3,135.39 | 2,375.31 | 5,510.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 3.44 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 137.34 | 1.73 | 745.00 | 399.25 | 484.83 | 884.08 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 3.44 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 10.81 | 1.10 | 2.57 | 2.02 | 12.48 | 14.48 | |
| W0241 | Formwork (reinforced concrete H(4m) | m2 | 30.40 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 4,037.14 | 2,719.05 | 53.41 | 198.71 | 6,610.89 | 6,809.50 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 71.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,335.81 | 1,384.01 | 49.19 | 525.04 | 2,243.96 | 2,769.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 152.15 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 538.39 | 2,729.92 | 276.79 | 1,914.17 | 1,630.93 | 3,545.10 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 9.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 41.80 | 452.65 | 31.15 | 330.87 | 194.73 | 525.60 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 10.42 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 120.89 | 173.79 | 21.05 | 123.14 | 192.59 | 315.73 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 6,363.28 | 12,105.63 | 2,031.69 | 6,702.20 | 13,798.39 | 20,500.59 | |
| Components (%) | | | | | | | | | | 31.0% | 59.1% | 9.9% | 32.7% | 67.3% | 100.0% | |
| Unit Rate | | | each | | | | | | | 6,363.09 | 12,105.28 | 2,031.63 | 6,702.01 | 13,797.99 | 20,500.00 | |

502(2)a26 Drop Inlet Manhole for RCPC 2-φ1220 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.18 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,670.00 | 155.35 | 5,403.66 | 1,003.59 | 3,733.88 | 2,824.72 | 6,562.60 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 4.10 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 163.70 | 2.07 | 887.94 | 475.85 | 577.85 | 1,053.70 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 4.10 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 12.88 | 1.31 | 3.07 | 2.41 | 14.85 | 17.26 | |
| W0241 | Formwork (reinforced concrete 1K4m) | m2 | 37.30 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 4,953.47 | 3,336.20 | 65.53 | 243.81 | 8,111.39 | 8,355.20 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 78.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,467.51 | 1,520.46 | 54.03 | 576.81 | 2,465.19 | 3,042.00 | |
| W0251 | Reinforcement Grade 40, cutting, bonding & assembly | kg | 171.81 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 607.96 | 3,082.66 | 312.56 | 2,161.51 | 1,841.66 | 4,003.17 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 10.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 46.45 | 502.95 | 34.61 | 367.64 | 216.36 | 584.00 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 11.91 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 138.17 | 198.64 | 24.06 | 140.74 | 220.13 | 360.87 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 7,556.12 | 14,153.79 | 2,395.19 | 7,776.25 | 16,328.85 | 24,105.10 | |
| Components (%) | | | | | | | | | | 31.3% | 58.7% | 9.9% | 32.3% | 67.7% | 100.0% | |
| Unit Rate | | | each | | | | | | | 7,554.52 | 14,150.80 | 2,394.68 | 7,774.61 | 16,325.39 | 24,100.00 | |

502(2)a27 Drop Inlet Manhole for RCPC 2-φ1520 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 5.52 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 205.15 | 7,145.94 | 1,325.31 | 4,930.87 | 3,735.53 | 8,666.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 5.41 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 216.00 | 2.73 | 1,171.65 | 627.89 | 762.48 | 1,390.37 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 5.41 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 17.00 | 1.73 | 4.05 | 3.18 | 19.60 | 22.78 | |
| W0241 | Formwork (reinforced concrete 1K4m) | m2 | 50.80 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 6,746.28 | 4,543.67 | 89.25 | 332.05 | 11,047.15 | 11,379.20 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 90.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,693.28 | 1,754.38 | 62.35 | 665.55 | 2,844.45 | 3,510.00 | |
| W0251 | Reinforcement Grade 40, cutting, bonding & assembly | kg | 217.77 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 770.59 | 3,907.28 | 396.17 | 2,739.72 | 2,334.32 | 5,074.04 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0711 | Iron Step for Drop Inlet Manholes, furnish & installation | each | 11.00 | 8.0% | 86.1% | 5.9% | 63.0% | 37.0% | 58.40 | 51.09 | 553.24 | 38.07 | 404.40 | 238.00 | 642.40 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 14.44 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 167.53 | 240.83 | 29.17 | 170.64 | 266.89 | 437.53 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 9,877.55 | 18,245.66 | 3,125.81 | 9,947.91 | 21,301.11 | 31,249.02 | |
| Components (%) | | | | | | | | | | 31.6% | 58.4% | 10.0% | 31.8% | 68.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 9,862.06 | 18,217.03 | 3,120.91 | 9,932.30 | 21,267.70 | 31,200.00 | |

502(2)b1 Special Junction Box Manhole for RCPC 1-φ460 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.44 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 16.35 | 568.81 | 105.84 | 393.04 | 297.76 | 690.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.43 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 17.17 | 0.22 | 93.13 | 49.91 | 60.60 | 110.51 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.43 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.35 | 0.14 | 0.32 | 1.56 | 1.81 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 2.93 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 348.11 | 262.07 | 5.15 | 19.15 | 637.17 | 656.32 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 94.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,768.53 | 1,832.35 | 65.12 | 695.13 | 2,970.87 | 3,466.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 77.75 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 275.12 | 1,395.01 | 141.44 | 978.16 | 833.42 | 1,811.58 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 4.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 9.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 41.86 | 418.73 | 29.01 | 306.17 | 183.43 | 489.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,526.48 | 4,647.79 | 449.65 | 2,556.03 | 5,067.99 | 7,623.92 | |
| Components (%) | | | | | | | | | | 33.1% | 61.0% | 5.9% | 33.5% | 66.5% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,525.18 | 4,645.40 | 449.42 | 2,554.72 | 5,065.28 | 7,620.00 | |

502(2)b2 Special Junction Box Manhole for RCPC 1-φ610 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.58 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 21.56 | 749.79 | 139.25 | 518.10 | 392.50 | 910.60 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.57 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 22.75 | 0.29 | 123.45 | 66.15 | 80.34 | 146.49 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.57 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.79 | 0.18 | 0.43 | 2.07 | 2.40 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 4.12 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 547.14 | 368.50 | 7.24 | 26.93 | 895.95 | 922.88 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 102.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,919.05 | 1,988.29 | 70.66 | 754.29 | 3,223.71 | 3,978.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 90.31 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 319.56 | 1,620.36 | 164.29 | 1,136.17 | 968.05 | 2,104.22 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 4.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 9.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 41.86 | 418.73 | 29.01 | 306.17 | 183.43 | 489.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,890.70 | 5,316.62 | 544.17 | 2,922.37 | 5,829.12 | 8,751.49 | |
| Components (%) | | | | | | | | | | 33.0% | 60.8% | 6.2% | 33.4% | 66.6% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,890.21 | 5,315.71 | 544.08 | 2,921.87 | 5,828.13 | 8,750.00 | |

502(2)b3 Special Junction Box Manhole for RCPC 1-φ760 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.81 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 30.10 | 1,047.12 | 194.48 | 723.55 | 548.15 | 1,271.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.79 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 31.54 | 0.40 | 171.09 | 91.69 | 111.34 | 203.03 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.79 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.49 | 0.25 | 0.59 | 0.46 | 2.87 | 3.33 | |
| W0241 | Formwork (reinforced concrete H4m) | m2 | 6.40 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 849.92 | 572.43 | 11.24 | 41.83 | 1,391.77 | 1,433.60 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 109.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,050.75 | 2,124.74 | 75.51 | 806.05 | 3,444.95 | 4,251.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 98.93 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 350.07 | 1,775.03 | 179.97 | 1,244.82 | 1,060.45 | 2,305.07 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 10.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 46.51 | 465.26 | 32.24 | 340.19 | 203.81 | 544.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,378.36 | 6,155.70 | 674.97 | 3,362.62 | 6,846.41 | 10,209.03 | |
| Components (%) | | | | | | | | | | 33.1% | 60.3% | 6.6% | 32.9% | 67.1% | 100.0% | |
| Unit Rate | | each | | | | | | | | 3,375.38 | 6,150.25 | 674.37 | 3,359.65 | 6,840.35 | 10,200.00 | |

502(2)b4 Special Junction Box Manhole for RCPC 1-φ910 x 1-φ480

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.06 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 39.39 | 1,370.31 | 254.50 | 946.87 | 717.33 | 1,664.20 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.04 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 41.52 | 0.52 | 225.23 | 120.70 | 146.58 | 267.28 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.04 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.27 | 0.33 | 0.78 | 0.61 | 3.77 | 4.38 | |
| W0241 | Formwork (reinforced concrete H4m) | m2 | 8.99 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,193.88 | 804.09 | 15.79 | 58.76 | 1,955.00 | 2,013.75 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 117.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,201.26 | 2,280.69 | 81.05 | 865.21 | 3,697.79 | 4,563.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 111.37 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 394.09 | 1,998.23 | 202.61 | 1,401.13 | 1,193.79 | 2,594.92 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 11.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 51.15 | 511.78 | 35.46 | 374.20 | 224.20 | 598.40 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,941.56 | 7,136.42 | 825.27 | 3,881.71 | 8,021.53 | 11,903.24 | |
| Components (%) | | | | | | | | | | 33.1% | 60.0% | 6.9% | 32.6% | 67.4% | 100.0% | |
| Unit Rate | | each | | | | | | | | 3,940.48 | 7,134.48 | 825.04 | 3,880.65 | 8,019.34 | 11,900.00 | |

502(2)b5 Special Junction Box Manhole for RCPC 1-φ1070 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.24 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 46.08 | 1,603.00 | 297.72 | 1,107.66 | 839.14 | 1,946.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.22 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 48.71 | 0.61 | 264.22 | 141.59 | 171.95 | 313.54 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.22 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.84 | 0.39 | 0.91 | 0.72 | 4.42 | 5.14 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 10.75 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,427.61 | 961.51 | 18.89 | 70.27 | 2,337.73 | 2,408.00 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 126.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,370.59 | 2,456.13 | 87.29 | 931.77 | 3,982.23 | 4,914.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 118.57 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 419.56 | 2,127.41 | 215.70 | 1,491.71 | 1,270.97 | 2,762.68 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 12.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 55.81 | 558.31 | 38.68 | 408.22 | 244.58 | 652.80 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,389.19 | 7,877.83 | 933.25 | 4,266.16 | 8,934.10 | 13,200.26 | |
| Components (%) | | | | | | | | | | 33.3% | 59.7% | 7.1% | 32.3% | 67.7% | 100.0% | |
| Unit Rate | | | each | | | | | | | 4,389.10 | 7,877.87 | 933.23 | 4,266.08 | 8,933.92 | 13,200.00 | |

502(2)b6 Special Junction Box Manhole for RCPC 1-φ1220 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.54 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 57.23 | 1,990.82 | 369.74 | 1,375.64 | 1,042.16 | 2,417.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.51 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 60.29 | 0.76 | 327.02 | 175.25 | 212.82 | 388.07 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.51 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 4.75 | 0.48 | 1.13 | 0.89 | 5.47 | 6.36 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 13.85 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,839.29 | 1,238.78 | 24.33 | 90.53 | 3,011.87 | 3,102.40 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 134.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,621.10 | 2,612.07 | 92.83 | 990.93 | 4,235.07 | 5,226.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 127.59 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 451.48 | 2,289.25 | 232.11 | 1,605.19 | 1,367.66 | 2,972.85 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 13.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 60.46 | 604.83 | 41.91 | 442.24 | 264.96 | 707.20 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 5,011.59 | 8,907.47 | 1,098.92 | 4,794.89 | 10,223.09 | 15,017.98 | |
| Components (%) | | | | | | | | | | 33.4% | 59.3% | 7.3% | 31.9% | 68.1% | 100.0% | |
| Unit Rate | | | each | | | | | | | 5,005.59 | 8,896.81 | 1,097.60 | 4,789.15 | 10,210.85 | 15,000.00 | |

502(2)b7 Special Junction Box Manhole for RCPC 1-φ1520 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.38 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 87.71 | 3,050.87 | 566.62 | 2,108.13 | 1,597.07 | 3,705.20 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.31 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 92.23 | 1.16 | 500.28 | 268.10 | 325.57 | 593.67 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.31 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 7.26 | 0.74 | 1.73 | 1.36 | 8.37 | 9.73 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 19.81 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,630.78 | 1,771.85 | 34.80 | 129.49 | 4,307.95 | 4,437.44 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 149.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,803.31 | 2,904.47 | 103.22 | 1,101.85 | 4,709.15 | 5,811.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 522.02 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 1,847.19 | 9,366.22 | 949.66 | 6,567.44 | 5,585.63 | 12,163.07 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 14.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 65.11 | 661.36 | 45.13 | 476.26 | 285.34 | 761.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 7,550.58 | 17,917.14 | 2,211.29 | 10,766.85 | 16,912.16 | 27,679.01 | |
| Components (%) | | | | | | | | | | 27.3% | 64.7% | 8.0% | 38.9% | 61.1% | 100.0% | |
| Unit Rate | | each | | | | | | | | 7,556.30 | 17,930.73 | 2,212.97 | 10,775.01 | 16,924.99 | 27,704.00 | |

502(2)b12 Special Junction Box Manhole for RCPC 1-φ610 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.67 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 24.90 | 866.14 | 160.86 | 598.49 | 453.41 | 1,051.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.66 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 26.35 | 0.33 | 142.94 | 76.60 | 93.02 | 169.62 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.66 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.07 | 0.21 | 0.49 | 0.39 | 2.39 | 2.78 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 4.51 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 598.93 | 403.39 | 7.92 | 29.48 | 980.76 | 1,010.24 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 110.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,069.56 | 2,144.24 | 76.20 | 813.45 | 3,476.55 | 4,290.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 100.94 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 357.18 | 1,811.09 | 183.63 | 1,269.91 | 1,081.99 | 2,351.90 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 9.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 41.86 | 418.73 | 29.01 | 306.17 | 183.43 | 489.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,137.84 | 5,814.59 | 610.91 | 3,208.71 | 6,354.63 | 9,563.34 | |
| Components (%) | | | | | | | | | | 32.8% | 60.8% | 6.4% | 33.6% | 66.4% | 100.0% | |
| Unit Rate | | each | | | | | | | | 3,136.75 | 5,812.56 | 610.69 | 3,207.59 | 6,352.41 | 9,560.00 | |

502(2)b13 Special Junction Box Manhole for RCPC 1-φ760 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Total (P) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|-----------|---------------|----------|-----------|----------|----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (P) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.92 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 34.19 | 1,189.32 | 220.89 | 821.81 | 622.59 | 1,444.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.90 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 35.93 | 0.45 | 194.91 | 104.45 | 126.85 | 231.30 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.90 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.83 | 0.29 | 0.67 | 0.53 | 3.26 | 3.79 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 6.97 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 925.62 | 623.41 | 12.25 | 45.56 | 1,515.72 | 1,561.28 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 117.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,201.26 | 2,280.69 | 81.05 | 886.21 | 3,697.79 | 4,563.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 110.23 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 390.05 | 1,977.78 | 200.53 | 1,388.78 | 1,181.58 | 2,568.36 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 10.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 46.51 | 465.26 | 32.24 | 340.19 | 203.81 | 544.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,653.38 | 6,707.67 | 752.38 | 3,678.76 | 7,434.67 | 11,115.43 | |
| Components (%) | | | | | | | | | | 32.9% | 60.4% | 6.8% | 33.1% | 66.9% | 100.0% | |
| Unit Rate | | each | | | | | | | | 3,648.97 | 6,699.56 | 751.97 | 3,674.32 | 7,425.68 | 11,100.00 | |

502(2)b14 Special Junction Box Manhole for RCPC 1-φ910 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Total (P) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|-----------|---------------|----------|-----------|----------|----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (P) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.19 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 44.23 | 1,538.36 | 285.71 | 1,063.00 | 805.30 | 1,868.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.17 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 46.71 | 0.59 | 253.39 | 135.79 | 164.90 | 300.69 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.17 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.68 | 0.38 | 0.88 | 0.69 | 4.24 | 4.93 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 9.73 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,292.15 | 870.27 | 17.09 | 63.60 | 2,115.92 | 2,179.52 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 126.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,370.59 | 2,456.13 | 87.29 | 931.77 | 3,982.23 | 4,914.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 121.78 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 430.92 | 2,185.00 | 221.54 | 1,532.09 | 1,305.38 | 2,837.47 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 11.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 51.16 | 511.78 | 35.46 | 374.20 | 224.20 | 598.40 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,256.42 | 7,732.98 | 911.20 | 4,215.36 | 8,685.25 | 12,900.81 | |
| Components (%) | | | | | | | | | | 33.0% | 59.9% | 7.1% | 32.7% | 67.3% | 100.0% | |
| Unit Rate | | each | | | | | | | | 4,256.22 | 7,732.62 | 911.16 | 4,215.16 | 8,684.84 | 12,900.00 | |

502(2)b15 Special Junction Box Manhole for RCPC 1-φ1070 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.41 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 52.40 | 1,822.77 | 338.53 | 1,259.52 | 954.18 | 2,213.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.38 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 55.10 | 0.70 | 298.87 | 160.16 | 194.50 | 354.66 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.38 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 4.34 | 0.44 | 1.03 | 0.81 | 5.00 | 5.81 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 11.60 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,540.49 | 1,037.53 | 20.38 | 75.82 | 2,522.58 | 2,598.40 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 134.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,521.10 | 2,612.07 | 92.83 | 990.93 | 4,235.07 | 6,226.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 131.50 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 465.32 | 2,359.41 | 239.23 | 1,654.38 | 1,409.57 | 3,063.95 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 12.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 55.81 | 558.31 | 38.68 | 408.22 | 244.58 | 652.80 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,711.54 | 8,561.69 | 1,039.39 | 4,664.07 | 9,648.55 | 14,312.62 | |
| Components (%) | | | | | | | | | | 32.9% | 59.8% | 7.3% | 32.6% | 67.4% | 100.0% | |
| Unit Rate | | each | | | | | | | | 4,707.38 | 8,554.14 | 1,038.48 | 4,659.95 | 9,640.85 | 14,300.00 | |

502(2)b16 Special Junction Box Manhole for RCPC 1-φ1220 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.71 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 63.55 | 2,210.59 | 410.56 | 1,527.50 | 1,157.20 | 2,684.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.68 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 67.08 | 0.85 | 363.84 | 194.98 | 236.78 | 431.76 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.68 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 5.28 | 0.54 | 1.26 | 0.99 | 6.08 | 7.07 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 14.87 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,974.75 | 1,330.01 | 26.12 | 97.20 | 3,233.68 | 3,330.88 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 142.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,671.61 | 2,768.02 | 98.37 | 1,050.09 | 4,487.91 | 5,538.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 141.23 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 498.75 | 2,533.98 | 256.93 | 1,776.79 | 1,513.87 | 3,290.66 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 13.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 60.46 | 604.83 | 41.91 | 442.24 | 264.96 | 707.20 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 5,359.46 | 9,619.28 | 1,208.83 | 5,204.01 | 10,983.56 | 16,187.57 | |
| Components (%) | | | | | | | | | | 33.1% | 59.4% | 7.5% | 32.1% | 67.9% | 100.0% | |
| Unit Rate | | each | | | | | | | | 5,363.57 | 9,626.67 | 1,209.76 | 5,208.00 | 10,992.00 | 16,200.00 | |

502(2)b17 Special Junction Box Manhole for RCPC 1-φ1520 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.59 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 96.26 | 3,348.20 | 621.84 | 2,313.58 | 1,752.72 | 4,066.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.54 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 101.41 | 1.28 | 550.09 | 294.79 | 357.99 | 652.78 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.54 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 7.98 | 0.81 | 1.90 | 1.49 | 9.20 | 10.69 | |
| W0241 | Formwork (reinforced concrete <4m) | m2 | 21.11 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,603.42 | 1,888.13 | 37.09 | 137.98 | 4,590.68 | 4,728.64 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 158.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,972.64 | 3,079.91 | 189.45 | 1,168.40 | 4,993.60 | 6,162.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 565.09 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 1,999.59 | 10,138.99 | 1,028.02 | 7,109.30 | 6,057.30 | 13,166.60 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 14.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 65.11 | 651.36 | 45.13 | 476.26 | 285.34 | 761.60 | |
| | Miscellaneous | IS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 8,063.40 | 19,279.15 | 2,403.26 | 11,616.04 | 18,129.87 | 29,745.91 | |
| Components (%) | | | | | | | | | | 27.1% | 64.8% | 8.1% | 39.1% | 60.9% | 100.0% | |
| Unit Rate | | | | | | | | | | 8,050.95 | 19,249.39 | 2,399.65 | 11,598.11 | 18,101.89 | 29,700.00 | |

502(2)b21 Special Junction Box Manhole for RCPC 2-φ480 x 1-φ480

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.70 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 26.02 | 904.92 | 168.07 | 625.29 | 473.71 | 1,099.00 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.69 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 27.55 | 0.35 | 149.43 | 80.08 | 97.25 | 177.33 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.69 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.16 | 0.22 | 0.52 | 0.40 | 2.50 | 2.90 | |
| W0241 | Formwork (reinforced concrete <4m) | m2 | 3.95 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 524.56 | 353.30 | 6.94 | 25.82 | 858.98 | 884.80 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 122.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,295.33 | 2,378.15 | 84.52 | 902.19 | 3,855.81 | 4,758.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 109.66 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 388.04 | 1,967.55 | 199.49 | 1,379.61 | 1,175.47 | 2,555.08 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 41.86 | 418.73 | 29.01 | 306.17 | 183.43 | 489.60 | |
| | Miscellaneous | IS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,322.50 | 6,193.69 | 647.82 | 3,433.79 | 6,730.22 | 10,164.01 | |
| Components (%) | | | | | | | | | | 32.7% | 60.9% | 6.4% | 33.8% | 66.2% | 100.0% | |
| Unit Rate | | | | | | | | | | 3,334.27 | 6,215.62 | 650.11 | 3,445.95 | 6,754.05 | 10,200.00 | |

502(2)b22 Special Junction Box Manhole for RCPC 2-φ610 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.97 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 36.05 | 1,253.96 | 232.89 | 866.48 | 656.42 | 1,522.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.95 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 37.93 | 0.48 | 205.74 | 110.26 | 133.89 | 244.15 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.95 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.99 | 0.30 | 0.71 | 0.56 | 3.44 | 4.00 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 5.83 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 774.23 | 521.45 | 10.24 | 38.11 | 1,267.81 | 1,305.92 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 140.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,833.99 | 2,729.03 | 96.98 | 1,035.30 | 4,424.70 | 5,460.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 131.77 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 466.27 | 2,364.25 | 239.72 | 1,657.77 | 1,412.47 | 3,070.24 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 9.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 41.86 | 418.73 | 29.01 | 306.17 | 183.43 | 489.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,010.30 | 7,458.67 | 825.14 | 4,128.86 | 8,165.25 | 12,294.11 | |
| Components (%) | | | | | | | | | | 32.6% | 60.7% | 6.7% | 33.6% | 66.4% | 100.0% | |
| Unit Rate | | | each | | | | | | | 4,012.22 | 7,462.24 | 825.54 | 4,130.84 | 8,169.16 | 12,300.00 | |

502(2)b23 Special Junction Box Manhole for RCPC 2-φ760 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.37 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 50.92 | 1,771.06 | 328.93 | 1,223.78 | 827.12 | 2,150.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.34 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 53.50 | 0.68 | 290.20 | 155.52 | 188.86 | 344.38 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.34 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 4.21 | 0.43 | 1.00 | 0.79 | 4.85 | 5.64 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 9.44 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,253.64 | 844.34 | 16.58 | 61.70 | 2,052.86 | 2,114.56 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 158.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,972.64 | 3,079.91 | 109.45 | 1,168.40 | 4,993.60 | 6,162.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 151.07 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 534.67 | 2,710.54 | 274.83 | 1,900.58 | 1,619.35 | 3,519.93 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 10.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 46.51 | 465.26 | 32.24 | 340.19 | 203.81 | 544.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,932.97 | 9,042.66 | 1,063.08 | 4,965.20 | 10,073.51 | 15,038.71 | |
| Components (%) | | | | | | | | | | 32.8% | 60.1% | 7.1% | 33.0% | 67.0% | 100.0% | |
| Unit Rate | | | each | | | | | | | 4,920.27 | 9,019.39 | 1,060.35 | 4,952.42 | 10,047.68 | 15,000.00 | |

502(2)b24 Special Junction Box Manhole for RCPC 2-φ910 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.82 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 67.64 | 2,352.79 | 436.97 | 1,625.76 | 1,231.64 | 2,857.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.78 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 71.07 | 0.90 | 385.50 | 206.59 | 250.87 | 457.46 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.78 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 5.59 | 0.57 | 1.33 | 1.05 | 8.44 | 7.49 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 13.69 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,818.04 | 1,224.47 | 24.05 | 89.48 | 2,977.08 | 3,066.56 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 176.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 3,311.30 | 3,430.78 | 121.92 | 1,301.51 | 5,562.49 | 6,864.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 175.62 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 621.44 | 3,151.02 | 319.49 | 2,209.45 | 1,882.50 | 4,091.95 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 11.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 51.16 | 511.78 | 35.46 | 374.20 | 224.20 | 598.40 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 5,963.22 | 10,842.78 | 1,334.56 | 5,922.26 | 12,218.30 | 18,140.56 | |
| Components (%) | | | | | | | | | | 32.9% | 59.8% | 7.4% | 32.6% | 67.4% | 100.0% | |
| Unit Rate | | | each | | | | | | | 5,949.89 | 10,818.53 | 1,311.58 | 5,909.02 | 12,190.98 | 18,100.00 | |

502(2)b25 Special Junction Box Manhole for RCPC 2-φ1070 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.20 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 81.76 | 2,844.03 | 528.21 | 1,965.20 | 1,488.80 | 3,454.00 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.16 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 86.24 | 1.04 | 467.79 | 250.69 | 304.43 | 555.12 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.16 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 6.78 | 0.69 | 1.61 | 1.27 | 7.82 | 9.09 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 16.98 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,254.96 | 1,518.73 | 29.83 | 110.99 | 3,692.53 | 3,803.52 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 196.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 3,687.58 | 3,820.61 | 135.78 | 1,449.41 | 6,194.59 | 7,644.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 12.00 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 42.46 | 215.31 | 21.83 | 150.97 | 128.63 | 279.60 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 12.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 55.81 | 558.31 | 38.68 | 408.22 | 244.58 | 652.80 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 6,232.58 | 9,129.27 | 1,233.58 | 4,450.98 | 12,144.46 | 16,595.43 | |
| Components (%) | | | | | | | | | | 37.6% | 55.0% | 7.4% | 26.8% | 73.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 6,234.30 | 9,131.78 | 1,233.92 | 4,452.21 | 12,147.79 | 16,600.00 | |

502(2)b26 Special Junction Box Manhole for RCPC 2-φ1220 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.73 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,574.00 | 101.46 | 3,529.19 | 665.45 | 2,438.61 | 1,847.46 | 4,286.10 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.68 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 107.00 | 1.35 | 580.41 | 311.04 | 377.72 | 688.78 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.68 | 74.6% | 7.8% | 17.8% | 14.0% | 86.0% | 4.21 | 8.42 | 0.86 | 2.00 | 1.57 | 9.71 | 11.28 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 22.37 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,970.75 | 2,000.83 | 39.30 | 146.22 | 4,864.66 | 5,010.86 | |
| W0751 | Concrete Hollow Block (150x200x400mm), Furnish & Laying including mortar fill | each | 214.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 4,026.23 | 4,171.52 | 148.25 | 1,582.52 | 6,763.48 | 8,346.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 214.83 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 760.18 | 3,854.54 | 390.82 | 2,702.74 | 2,302.80 | 5,005.54 | |
| W0703 | Precast Concrete Cover (680x580x75), Furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 13.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 60.46 | 604.83 | 41.91 | 442.24 | 264.96 | 707.20 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 8,051.50 | 14,333.57 | 1,867.99 | 7,739.20 | 16,513.86 | 24,253.06 | |
| Components (%) | | | | | | | | | | 31.2% | 59.1% | 7.7% | 31.9% | 68.1% | 100.0% | |
| Unit Rate | | | | | | | | | | 8,067.08 | 14,361.32 | 1,871.60 | 7,754.18 | 16,545.82 | 24,300.00 | |

502(2)b27 Special Junction Box Manhole for RCPC 2-φ1520 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.23 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 157.21 | 5,468.30 | 1,015.59 | 3,778.55 | 2,862.55 | 6,641.10 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 4.15 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 165.69 | 2.09 | 898.77 | 481.65 | 584.90 | 1,066.55 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 4.15 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 13.04 | 1.33 | 3.10 | 2.44 | 15.03 | 17.47 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 33.17 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 4,405.09 | 2,966.80 | 58.28 | 216.81 | 7,213.27 | 7,430.08 | |
| W0751 | Concrete Hollow Block (150x200x400mm), Furnish & Laying including mortar fill | each | 250.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 4,703.55 | 4,873.27 | 173.19 | 1,848.74 | 7,901.26 | 9,750.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 855.48 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 3,027.15 | 15,349.24 | 1,566.30 | 10,762.64 | 9,170.04 | 19,932.68 | |
| W0703 | Precast Concrete Cover (680x580x75), Furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 14.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 65.11 | 651.36 | 45.13 | 476.26 | 285.34 | 761.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 12,553.72 | 29,482.86 | 3,760.20 | 17,681.31 | 28,115.47 | 45,796.78 | |
| Components (%) | | | | | | | | | | 27.4% | 64.4% | 8.2% | 38.6% | 61.4% | 100.0% | |
| Unit Rate | | | | | | | | | | 12,554.61 | 29,484.93 | 3,760.46 | 17,682.56 | 28,117.44 | 45,800.00 | |

502(2)b32 Special Junction Box Manhole for RCPC 2-φ610 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| #0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| #0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| #0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| #0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| #0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| #0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.12 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 41.62 | 1,447.47 | 268.90 | 1,000.47 | 757.93 | 1,758.40 | Loss 2.0% |
| #0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.10 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 43.92 | 0.55 | 238.23 | 127.67 | 155.03 | 282.70 | |
| #0237 | Concrete Curing (reinforced concrete) | m3 | 1.10 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.46 | 0.35 | 0.82 | 0.65 | 3.94 | 4.63 | |
| #0241 | Formwork (reinforced concrete H<4m) | m2 | 6.38 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 847.27 | 570.64 | 11.21 | 41.70 | 1,387.42 | 1,429.12 | |
| #0751 | Concrete Hollow Block (150x200x100mm), furnish & laying including mortar fill | each | 149.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,803.31 | 2,904.47 | 103.22 | 1,101.85 | 4,709.15 | 5,811.00 | |
| #0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 143.99 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 509.51 | 2,583.51 | 261.95 | 1,811.51 | 1,543.46 | 3,354.97 | |
| #0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| #0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| #0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 9.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 41.86 | 418.73 | 29.01 | 306.17 | 183.43 | 489.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,307.94 | 8,096.59 | 923.19 | 4,504.24 | 8,823.48 | 13,327.72 | |
| Components (%) | | | | | | | | | | 32.3% | 60.8% | 6.9% | 33.8% | 66.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 4,298.98 | 8,079.75 | 921.27 | 4,494.87 | 8,805.13 | 13,300.00 | |

502(2)b33 Special Junction Box Manhole for RCPC 2-φ760 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| #0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| #0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| #0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| #0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| #0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| #0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.56 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 57.98 | 2,016.68 | 374.55 | 1,393.51 | 1,055.69 | 2,449.20 | Loss 2.0% |
| #0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.53 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 61.09 | 0.77 | 331.35 | 177.57 | 215.64 | 393.21 | |
| #0237 | Concrete Curing (reinforced concrete) | m3 | 1.53 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 4.81 | 0.49 | 1.14 | 0.90 | 5.54 | 6.44 | |
| #0241 | Formwork (reinforced concrete H<4m) | m2 | 10.20 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,354.57 | 912.31 | 17.92 | 66.67 | 2,218.13 | 2,284.80 | |
| #0751 | Concrete Hollow Block (150x200x100mm), furnish & laying including mortar fill | each | 167.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 3,141.97 | 3,255.34 | 115.69 | 1,234.96 | 5,278.04 | 6,513.00 | |
| #0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 164.95 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 583.68 | 2,959.58 | 300.04 | 2,075.21 | 1,768.13 | 3,843.34 | |
| #0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| #0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| #0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 10.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 46.51 | 465.26 | 32.24 | 340.19 | 203.81 | 544.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 5,267.58 | 9,780.90 | 1,182.81 | 5,403.23 | 10,828.06 | 16,231.29 | |
| Components (%) | | | | | | | | | | 32.5% | 60.3% | 7.3% | 33.3% | 66.7% | 100.0% | |
| Unit Rate | | | each | | | | | | | 5,257.43 | 9,762.04 | 1,180.53 | 5,392.81 | 10,807.19 | 16,200.00 | |

502(2)b34 Special Junction Box Manhole for RCPC 2-φ910 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.04 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 75.82 | 2,637.19 | 489.79 | 1,822.28 | 1,380.52 | 3,202.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.00 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 79.85 | 1.01 | 433.14 | 232.12 | 281.88 | 514.00 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.00 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 6.28 | 0.64 | 1.50 | 1.18 | 7.24 | 8.42 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 14.67 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,948.19 | 1,312.12 | 25.77 | 95.89 | 3,190.19 | 3,286.08 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 185.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 3,480.62 | 3,606.22 | 128.16 | 1,368.07 | 5,846.93 | 7,215.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 191.38 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 677.20 | 3,433.79 | 348.16 | 2,407.72 | 2,051.43 | 4,459.15 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 11.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 51.16 | 511.78 | 35.46 | 374.20 | 224.20 | 598.40 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 6,336.11 | 11,673.22 | 1,471.82 | 6,415.68 | 13,065.47 | 19,481.15 | |
| Components (%) | | | | | | | | | | 32.5% | 59.8% | 7.7% | 32.9% | 67.1% | 100.0% | |
| Unit Rate | | | each | | | | | | | 6,342.24 | 11,684.51 | 1,473.25 | 6,421.89 | 13,078.11 | 19,500.00 | |

502(2)b35 Special Junction Box Manhole for RCPC 2-φ1070 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.46 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 91.42 | 3,180.15 | 590.63 | 2,197.45 | 1,664.75 | 3,862.20 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.41 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 96.22 | 1.21 | 521.93 | 279.71 | 339.66 | 619.37 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.41 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 7.57 | 0.77 | 1.80 | 1.42 | 8.73 | 10.15 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 18.10 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,403.69 | 1,618.91 | 31.80 | 118.31 | 3,936.09 | 4,054.40 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 204.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 3,838.09 | 3,976.59 | 141.32 | 1,508.57 | 6,447.43 | 7,956.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 215.31 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 761.88 | 3,863.14 | 391.69 | 2,708.77 | 2,307.95 | 5,016.72 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 12.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 55.81 | 558.31 | 38.68 | 408.22 | 244.58 | 652.80 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 7,271.68 | 13,369.55 | 1,727.71 | 7,330.68 | 15,032.26 | 22,368.94 | |
| Components (%) | | | | | | | | | | 32.5% | 59.8% | 7.7% | 32.8% | 67.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 7,281.78 | 13,388.11 | 1,730.11 | 7,346.87 | 15,053.13 | 22,400.00 | |

502(2)b36 Special Junction Box Manhole for RCPC 2-φ1220 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Total (P) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|-----------|---------------|-----------|-----------|----------|-----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (P) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.8% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.3% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0209 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 3.03 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 112.61 | 3,917.01 | 727.48 | 2,706.62 | 2,050.48 | 4,757.10 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.97 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 118.58 | 1.50 | 643.21 | 344.70 | 418.59 | 763.29 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.97 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 9.33 | 0.95 | 2.22 | 1.74 | 10.76 | 12.50 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 23.72 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,150.03 | 2,121.57 | 41.87 | 155.04 | 5,158.24 | 5,313.28 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 222.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 4,176.75 | 4,327.46 | 153.79 | 1,641.68 | 7,016.32 | 8,658.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 235.64 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 833.82 | 4,227.91 | 428.68 | 2,964.54 | 2,525.87 | 5,490.41 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 13.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 60.46 | 604.83 | 41.91 | 442.24 | 264.96 | 707.20 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 8,478.57 | 15,371.70 | 2,048.81 | 8,370.80 | 17,528.28 | 25,899.08 | |
| Components (%) | | | | | | | | | | 32.7% | 59.4% | 7.9% | 32.3% | 67.7% | 100.0% | |
| Unit Rate | | | | | | | | | | 8,478.87 | 15,372.25 | 2,048.88 | 8,371.10 | 17,528.90 | 25,900.00 | |

502(2)b37 Special Junction Box Manhole for RCPC 2-φ1620 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Total (P) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (P) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.8% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.3% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0209 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.60 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 170.96 | 5,946.61 | 1,104.43 | 4,109.06 | 3,112.94 | 7,222.00 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 4.51 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 180.06 | 2.27 | 976.73 | 523.43 | 635.64 | 1,159.07 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 4.51 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 14.17 | 1.45 | 3.37 | 2.65 | 16.34 | 18.99 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 34.87 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 4,630.76 | 3,118.86 | 61.26 | 227.93 | 7,582.95 | 7,810.88 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 258.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 4,854.06 | 5,029.21 | 178.73 | 1,907.90 | 8,154.10 | 10,062.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 894.59 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 3,165.54 | 16,050.96 | 1,627.46 | 11,254.68 | 9,589.27 | 20,843.95 | |
| W0703 | Precast Concrete Cover (680x580x75), furnish | each | 1.00 | 4.2% | 91.2% | 4.7% | 60.8% | 39.2% | 187.00 | 7.79 | 170.47 | 8.74 | 113.68 | 73.32 | 187.00 | |
| W0704 | Precast Concrete Cover (680x580x75), installation | each | 1.00 | 89.3% | 0.0% | 10.7% | 5.4% | 94.6% | 10.30 | 9.20 | 0.00 | 1.10 | 0.55 | 9.75 | 10.30 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 14.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 65.11 | 651.36 | 45.13 | 476.26 | 285.34 | 761.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 13,097.65 | 30,971.19 | 4,006.95 | 18,616.13 | 29,459.66 | 48,075.79 | |
| Components (%) | | | | | | | | | | 27.2% | 64.4% | 8.3% | 38.7% | 61.3% | 100.0% | |
| Unit Rate | | | | | | | | | | 13,104.25 | 30,986.79 | 4,008.97 | 18,625.50 | 29,474.50 | 48,100.00 | |

502(2)c1 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ460 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.47 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 114.46 | 61.47 | 243.31 | 171.60 | 247.64 | 419.24 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.47 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 10.46 | 8.30 | 45.63 | 30.18 | 34.21 | 64.39 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 42.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 790.20 | 318.71 | 29.10 | 310.59 | 1,327.41 | 1,638.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.23 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 8.55 | 297.33 | 55.22 | 205.45 | 155.65 | 361.10 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.23 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 9.18 | 0.12 | 49.81 | 26.69 | 32.42 | 59.11 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.23 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 0.72 | 0.07 | 0.17 | 0.14 | 0.83 | 0.97 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 2.13 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 282.87 | 190.51 | 3.74 | 13.92 | 463.20 | 477.12 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 19.36 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 68.51 | 347.36 | 35.22 | 243.57 | 207.52 | 451.09 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 3.76 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 43.62 | 62.71 | 7.60 | 44.43 | 69.50 | 113.93 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,357.82 | 2,078.54 | 492.50 | 1,256.26 | 2,672.59 | 3,928.85 | |
| | Components (%) | | | | | | | | | 34.6% | 52.9% | 12.5% | 32.0% | 68.0% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,358.22 | 2,079.15 | 492.64 | 1,256.62 | 2,673.38 | 3,930.00 | |

502(2)c2 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ610 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.53 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 129.07 | 69.32 | 274.37 | 193.50 | 279.26 | 472.76 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.53 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 11.80 | 9.36 | 51.45 | 34.04 | 38.57 | 72.61 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 46.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 846.64 | 877.19 | 31.17 | 332.77 | 1,422.23 | 1,755.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.28 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 10.41 | 361.97 | 67.23 | 250.12 | 189.48 | 439.60 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.27 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 10.78 | 0.14 | 58.47 | 31.34 | 38.05 | 69.39 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.27 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 0.85 | 0.09 | 0.20 | 0.16 | 0.98 | 1.14 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 2.36 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 313.41 | 211.08 | 4.15 | 15.43 | 513.21 | 528.64 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 21.63 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 76.54 | 388.09 | 39.35 | 272.12 | 231.96 | 503.98 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 4.52 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 52.44 | 75.39 | 9.13 | 53.42 | 83.54 | 136.96 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,481.18 | 2,281.57 | 558.23 | 1,392.57 | 2,931.41 | 4,323.98 | |
| | Components (%) | | | | | | | | | 34.3% | 52.8% | 12.9% | 32.2% | 67.8% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,479.82 | 2,282.47 | 557.71 | 1,391.29 | 2,928.71 | 4,320.00 | |

502(2)c3 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ760 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.59 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 143.68 | 77.16 | 305.43 | 215.41 | 310.87 | 528.28 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.59 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 13.13 | 10.42 | 57.28 | 37.89 | 42.94 | 80.83 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 49.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 921.89 | 955.16 | 33.94 | 362.35 | 1,548.65 | 1,911.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.32 | 2.4% | 82.3% | 15.3% | 56.8% | 43.1% | 1,570.00 | 11.89 | 413.68 | 76.83 | 285.85 | 216.55 | 502.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.31 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 12.38 | 0.16 | 67.14 | 35.98 | 43.69 | 79.67 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.31 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 0.98 | 0.10 | 0.23 | 0.18 | 1.13 | 1.31 | |
| W0241 | Formwork (reinforced concrete 11k4m) | m2 | 2.58 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 324.00 | 342.63 | 230.76 | 4.53 | 16.86 | 561.06 | 577.92 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 23.80 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 84.22 | 427.03 | 43.30 | 299.42 | 255.12 | 554.54 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 5.04 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 58.47 | 84.06 | 10.18 | 59.56 | 93.15 | 152.71 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,618.52 | 2,490.47 | 621.56 | 1,523.19 | 3,207.37 | 4,730.56 | |
| | Components (%) | | | | | | | | | 34.2% | 52.6% | 13.1% | 32.2% | 67.8% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,618.33 | 2,490.18 | 621.49 | 1,523.01 | 3,206.99 | 4,730.00 | |

502(2)c4 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ910 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.64 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 155.86 | 83.70 | 331.32 | 233.66 | 337.22 | 570.88 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.64 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 14.25 | 11.30 | 62.13 | 41.10 | 46.58 | 87.68 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 52.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 978.34 | 1,013.64 | 36.02 | 384.54 | 1,643.46 | 2,028.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.36 | 2.4% | 82.3% | 15.3% | 56.8% | 43.1% | 1,570.00 | 13.38 | 465.39 | 86.43 | 321.58 | 243.62 | 565.20 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.35 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 13.97 | 0.18 | 75.80 | 40.62 | 49.33 | 89.95 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.35 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.10 | 0.11 | 0.26 | 0.21 | 1.26 | 1.47 | |
| W0241 | Formwork (reinforced concrete 11k4m) | m2 | 2.81 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 373.17 | 251.33 | 4.94 | 18.37 | 611.87 | 629.44 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 26.07 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 92.25 | 467.75 | 47.43 | 327.98 | 279.45 | 607.43 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 5.81 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 67.40 | 96.90 | 11.74 | 68.66 | 107.38 | 176.04 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,738.97 | 2,682.26 | 678.76 | 1,646.40 | 3,453.59 | 5,099.99 | |
| | Components (%) | | | | | | | | | 34.1% | 52.6% | 13.3% | 32.3% | 67.7% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,738.97 | 2,682.26 | 678.77 | 1,646.40 | 3,453.60 | 5,100.00 | |

502(2)e5 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1070 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.70 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 170.47 | 91.55 | 362.38 | 255.57 | 368.83 | 624.40 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.70 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 15.58 | 12.36 | 67.96 | 44.96 | 50.94 | 95.90 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 56.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,063.69 | 1,091.81 | 38.79 | 414.12 | 1,769.88 | 2,184.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.41 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 15.24 | 530.02 | 98.44 | 366.24 | 277.46 | 643.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.40 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 15.97 | 0.20 | 86.63 | 46.42 | 56.38 | 102.80 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.40 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.25 | 0.13 | 0.30 | 0.23 | 1.45 | 1.68 | |
| W0241 | Formwork (reinforced concrete 1K4m) | m2 | 3.04 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 403.71 | 271.90 | 5.34 | 19.87 | 661.09 | 680.96 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 28.34 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 100.28 | 588.48 | 51.58 | 356.54 | 303.78 | 660.32 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 6.57 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 76.22 | 109.68 | 13.27 | 77.64 | 121.43 | 199.07 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 1,881.68 | 2,907.79 | 747.36 | 1,791.28 | 3,745.45 | 5,536.73 | |
| Components (%) | | | | | | | | | | 34.0% | 52.5% | 13.5% | 32.4% | 67.6% | 100.0% | |
| Unit Rate | | | | | | | | | | 1,882.69 | 2,909.51 | 747.80 | 1,792.33 | 3,747.67 | 5,540.00 | |

502(2)e6 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1220 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.76 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 185.08 | 99.40 | 393.44 | 277.48 | 400.44 | 677.92 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.76 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 16.92 | 13.42 | 73.78 | 48.81 | 55.31 | 104.12 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 59.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,110.04 | 1,150.09 | 40.87 | 436.30 | 1,864.70 | 2,301.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.45 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 16.72 | 581.73 | 108.04 | 401.97 | 304.53 | 706.50 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.44 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 17.57 | 0.22 | 85.29 | 51.07 | 62.01 | 113.08 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.44 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.38 | 0.14 | 0.33 | 0.26 | 1.59 | 1.85 | |
| W0241 | Formwork (reinforced concrete 1K4m) | m2 | 3.27 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 434.26 | 292.48 | 5.74 | 21.37 | 711.11 | 732.48 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 30.60 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 108.28 | 549.03 | 55.67 | 384.97 | 328.01 | 712.98 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 7.33 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 85.04 | 122.25 | 14.81 | 86.62 | 136.48 | 222.10 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,004.54 | 3,100.72 | 810.67 | 1,918.54 | 3,997.39 | 5,915.93 | |
| Components (%) | | | | | | | | | | 33.9% | 52.4% | 13.7% | 32.4% | 67.6% | 100.0% | |
| Unit Rate | | | | | | | | | | 2,005.92 | 3,102.85 | 811.23 | 1,919.86 | 4,000.14 | 5,920.00 | |

502(2)c7 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1520 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.88 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 214.31 | 115.09 | 455.56 | 321.29 | 463.67 | 784.96 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.88 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 19.59 | 15.54 | 85.43 | 56.52 | 64.04 | 120.56 | |
| W0751 | Concrete Hollow Block (150x200x100mm), furnish & laying including mortar fill | each | 66.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,241.74 | 1,286.54 | 45.72 | 488.07 | 2,085.93 | 2,574.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.53 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 19.70 | 685.15 | 127.25 | 473.43 | 358.67 | 832.10 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.52 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 20.76 | 0.26 | 112.62 | 60.35 | 73.29 | 133.64 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.52 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.63 | 0.17 | 0.39 | 0.31 | 1.98 | 2.19 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 3.73 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 495.35 | 333.62 | 6.55 | 24.38 | 811.14 | 835.52 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 35.04 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 123.99 | 628.70 | 63.74 | 440.83 | 376.60 | 816.43 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 8.62 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 100.01 | 143.77 | 17.41 | 181.87 | 159.32 | 261.19 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 2,266.32 | 3,500.79 | 937.38 | 2,176.72 | 4,527.77 | 6,704.49 | |
| | Components (%) | | | | | | | | | 33.8% | 52.2% | 14.0% | 32.5% | 67.5% | 100.0% | |
| | Unit Rate | each | | | | | | | | 2,264.80 | 3,498.45 | 936.75 | 2,175.27 | 4,524.73 | 6,700.00 | |

502(2)c12 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ610 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.59 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 143.68 | 77.16 | 305.43 | 215.41 | 310.87 | 526.28 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.59 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 13.13 | 10.42 | 57.28 | 37.89 | 42.94 | 80.83 | |
| W0751 | Concrete Hollow Block (150x200x100mm), furnish & laying including mortar fill | each | 49.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 921.89 | 955.16 | 33.94 | 362.35 | 1,548.65 | 1,911.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.33 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 12.26 | 426.60 | 79.23 | 294.78 | 223.32 | 518.10 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.32 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 12.78 | 0.16 | 69.30 | 37.14 | 45.10 | 82.24 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.32 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.01 | 0.10 | 0.24 | 0.19 | 1.16 | 1.35 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 2.62 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 347.94 | 234.34 | 4.60 | 17.13 | 569.75 | 586.88 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 24.25 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 85.81 | 435.10 | 44.12 | 305.09 | 259.94 | 565.03 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 4.52 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 52.44 | 75.39 | 9.13 | 53.42 | 83.54 | 136.96 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,820.20 | 2,506.39 | 625.98 | 1,533.07 | 3,219.50 | 4,752.57 | |
| | Components (%) | | | | | | | | | 34.1% | 52.7% | 13.2% | 32.3% | 67.7% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,819.32 | 2,505.04 | 625.64 | 1,532.24 | 3,217.76 | 4,750.00 | |

502(2)c13 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ760 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.66 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 160.73 | 86.32 | 341.67 | 240.97 | 347.75 | 588.72 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.66 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 14.69 | 11.66 | 64.07 | 42.39 | 48.03 | 90.42 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 52.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 978.34 | 1,013.64 | 36.02 | 384.54 | 1,643.46 | 2,028.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.38 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 14.12 | 491.24 | 91.24 | 339.44 | 257.16 | 596.60 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.37 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 14.77 | 0.19 | 80.13 | 42.94 | 52.15 | 95.09 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.37 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.16 | 0.12 | 0.28 | 0.22 | 1.34 | 1.56 | |
| W0241 | Formwork (reinforced concrete [K4m]) | m2 | 2.87 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 381.14 | 256.70 | 5.04 | 18.76 | 624.12 | 642.88 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 26.63 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 94.23 | 477.80 | 48.45 | 335.03 | 285.45 | 620.48 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 5.04 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 58.47 | 84.06 | 10.18 | 59.56 | 93.15 | 152.71 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,746.91 | 2,713.67 | 699.78 | 1,673.52 | 3,486.84 | 5,160.36 | |
| | Components (%) | | | | | | | | | 33.9% | 52.6% | 13.6% | 32.4% | 67.6% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,746.79 | 2,713.48 | 699.73 | 1,673.41 | 3,486.59 | 5,160.00 | |

502(2)c14 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ910 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.72 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 175.34 | 94.17 | 372.73 | 262.87 | 379.37 | 642.24 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.72 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 16.03 | 12.71 | 69.90 | 46.24 | 52.40 | 98.64 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & laying including mortar fill | each | 56.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,053.59 | 1,091.61 | 38.79 | 414.12 | 1,769.88 | 2,184.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.42 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 15.41 | 542.95 | 100.84 | 375.17 | 284.23 | 659.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.41 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 16.37 | 0.21 | 88.79 | 47.58 | 57.79 | 105.37 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.41 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.29 | 0.13 | 0.31 | 0.24 | 1.49 | 1.73 | |
| W0241 | Formwork (reinforced concrete [K4m]) | m2 | 3.14 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 416.99 | 280.85 | 5.52 | 20.52 | 682.84 | 703.36 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 29.13 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 103.08 | 522.66 | 52.99 | 366.48 | 312.25 | 678.73 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 5.81 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 67.40 | 96.90 | 11.74 | 68.66 | 107.38 | 176.04 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,894.96 | 2,934.14 | 764.31 | 1,811.58 | 3,781.83 | 5,593.41 | |
| | Components (%) | | | | | | | | | 33.9% | 52.5% | 13.7% | 32.4% | 67.6% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,893.81 | 2,932.35 | 763.84 | 1,810.47 | 3,779.53 | 5,590.00 | |

502(2)c15 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1070 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.79 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 192.39 | 103.32 | 408.97 | 288.43 | 416.25 | 704.68 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.79 | 16.2% | 12.9% | 70.9% | 46.8% | 53.1% | 137.00 | 17.59 | 13.95 | 76.69 | 50.74 | 57.49 | 108.23 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 59.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,110.04 | 1,150.09 | 40.87 | 436.30 | 1,864.70 | 2,301.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.47 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 17.47 | 607.59 | 112.84 | 419.84 | 318.06 | 737.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.46 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 18.37 | 0.23 | 99.62 | 53.39 | 64.83 | 118.22 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.46 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.45 | 0.15 | 0.34 | 0.27 | 1.67 | 1.94 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 3.40 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 451.52 | 304.10 | 5.97 | 22.22 | 739.38 | 761.60 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 31.62 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 111.89 | 567.34 | 57.52 | 397.81 | 338.94 | 736.75 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 6.57 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 76.22 | 109.58 | 13.27 | 77.64 | 121.44 | 199.07 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,026.18 | 3,148.30 | 838.81 | 1,956.32 | 4,056.97 | 6,013.29 | |
| Components (%) | | | | | | | | | | 33.7% | 52.4% | 13.9% | 32.5% | 67.5% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,026.07 | 3,148.58 | 838.35 | 1,955.25 | 4,054.75 | 6,010.00 | |

502(2)c16 Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1220 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.85 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 207.00 | 111.17 | 440.03 | 310.33 | 447.87 | 758.20 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.85 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 18.92 | 15.01 | 82.52 | 54.59 | 61.86 | 116.45 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 63.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,185.29 | 1,228.06 | 43.64 | 465.88 | 1,991.12 | 2,457.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.52 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,670.00 | 19.33 | 672.23 | 124.85 | 464.50 | 351.90 | 816.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.51 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 20.36 | 0.26 | 110.45 | 59.19 | 71.88 | 131.07 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.51 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.60 | 0.16 | 0.38 | 0.30 | 1.85 | 2.15 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 3.67 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 487.38 | 328.25 | 6.45 | 23.99 | 798.09 | 822.88 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 34.11 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 120.70 | 612.01 | 62.05 | 429.13 | 365.63 | 794.76 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 7.33 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 85.04 | 122.25 | 14.81 | 86.82 | 135.48 | 222.10 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,174.88 | 3,381.35 | 907.88 | 2,104.22 | 4,359.89 | 6,464.11 | |
| Components (%) | | | | | | | | | | 33.6% | 52.3% | 14.0% | 32.6% | 67.4% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,174.49 | 3,379.20 | 907.30 | 2,102.88 | 4,357.12 | 6,460.00 | |

| 502(2)c17 | | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 1520 x 1-φ 610 | | | | | | | | | | Unit: 1.00 each | | | | |
|----------------|---|--|----------|---------------|-------|--------|-------|-------|------------|----------|----------|-----------------|----------|------------|----------|-----------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Total (PP) | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | Local |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.98 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 238.66 | 128.17 | 507.33 | 357.80 | 616.36 | 874.16 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.98 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 21.81 | 17.31 | 95.14 | 62.94 | 71.32 | 134.26 | |
| W0751 | Concrete Hollow Block (150x200x400mm), Furnish & Laying including mortar fill | each | 70.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,316.99 | 1,364.51 | 48.49 | 517.65 | 2,212.35 | 2,730.00 | |
| W0203 | Concrete (Class A, 21MPa, max agr. 38mm) | m3 | 0.62 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 23.04 | 801.50 | 148.86 | 553.83 | 419.57 | 973.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.61 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 24.35 | 0.31 | 132.11 | 70.80 | 85.97 | 156.77 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.61 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.92 | 0.20 | 0.46 | 0.36 | 2.21 | 2.57 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 4.18 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 555.11 | 373.87 | 27.32 | 909.00 | 936.32 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 38.98 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 137.93 | 699.39 | 70.91 | 490.40 | 417.83 | 908.23 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 8.62 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 100.01 | 143.77 | 17.41 | 101.87 | 159.32 | 261.19 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,449.08 | 3,820.97 | 1,050.75 | 2,392.64 | 4,928.16 | 7,320.80 | |
| Components (%) | | | | | | | | | | 33.5% | 52.2% | 14.4% | 32.7% | 67.3% | 100.0% | |
| Unit Rate | | each | | | | | | | | 2,448.81 | 3,820.55 | 1,050.64 | 2,392.38 | 4,927.62 | 7,320.00 | |

| 502(2)c21 | | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ 460 x 1-φ 460 | | | | | | | | | | Unit: 1.00 each | | | | |
|----------------|---|---|----------|---------------|-------|--------|-------|-------|------------|----------|----------|-----------------|----------|------------|----------|-----------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Total (PP) | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | Local |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.68 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 165.60 | 88.93 | 352.02 | 248.27 | 358.29 | 606.56 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.68 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 15.14 | 12.01 | 66.02 | 43.67 | 49.49 | 93.16 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 54.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,015.97 | 1,052.63 | 37.41 | 399.33 | 1,706.67 | 2,106.00 | |
| W0203 | Concrete (Class A, 21MPa, max agr. 38mm) | m3 | 0.39 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 14.49 | 504.17 | 93.64 | 348.38 | 263.92 | 612.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.38 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 15.17 | 0.19 | 82.30 | 44.10 | 53.56 | 97.66 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.38 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.19 | 0.12 | 0.28 | 0.22 | 1.38 | 1.60 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 2.95 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 391.76 | 263.86 | 5.18 | 19.29 | 641.52 | 660.80 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 27.65 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 97.84 | 496.11 | 50.30 | 347.86 | 296.39 | 644.25 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 6.22 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 72.16 | 103.74 | 12.56 | 73.51 | 114.96 | 185.47 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 1,818.58 | 2,813.71 | 722.41 | 1,734.30 | 3,620.40 | 5,354.70 | |
| Components (%) | | | | | | | | | | 34.0% | 52.5% | 13.5% | 32.4% | 67.6% | 100.0% | |
| Unit Rate | | each | | | | | | | | 1,816.99 | 2,811.24 | 721.78 | 1,732.78 | 3,617.22 | 5,350.00 | |

502(2)c22 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ 610 x 1-φ 460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handheld Breaker (Lightly Reinforced Structures) | m3 | 0.81 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 197.26 | 105.94 | 419.32 | 295.73 | 426.79 | 722.52 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.81 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 18.03 | 14.30 | 78.64 | 52.02 | 58.95 | 110.97 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 62.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,166.48 | 1,208.57 | 42.95 | 458.49 | 1,959.51 | 2,418.00 | Loss 2.0% |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.48 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 17.84 | 620.52 | 115.24 | 428.77 | 324.83 | 753.60 | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.47 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 18.77 | 0.24 | 101.79 | 54.55 | 86.24 | 120.79 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.47 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.48 | 0.15 | 0.35 | 0.29 | 1.70 | 1.98 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 3.47 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 460.82 | 310.37 | 6.10 | 22.68 | 754.60 | 777.28 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 32.58 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 115.28 | 584.56 | 59.27 | 409.88 | 349.23 | 759.11 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 7.82 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 90.73 | 130.43 | 15.80 | 92.41 | 144.54 | 236.95 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,115.93 | 3,267.01 | 862.15 | 2,024.49 | 4,220.51 | 6,245.10 | |
| Components (%) | | | | | | | | | | 33.9% | 52.3% | 13.8% | 32.4% | 67.6% | 100.0% | |
| Unit Rate | | each | | | | | | | | 2,117.59 | 3,269.58 | 862.83 | 2,026.08 | 4,223.92 | 6,250.00 | |

502(2)c23 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ 780 x 1-φ 460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handheld Breaker (Lightly Reinforced Structures) | m3 | 0.94 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 228.92 | 122.94 | 486.62 | 343.19 | 495.29 | 838.48 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.94 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 20.92 | 16.60 | 91.26 | 60.37 | 68.41 | 128.78 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 70.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,316.99 | 1,364.51 | 48.49 | 517.65 | 2,212.35 | 2,730.00 | Loss 2.0% |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.58 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 21.56 | 749.79 | 139.25 | 518.10 | 392.50 | 910.60 | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.57 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 22.76 | 0.29 | 123.45 | 68.15 | 80.34 | 146.49 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.57 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.79 | 0.18 | 0.43 | 0.33 | 2.07 | 2.40 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 3.98 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 528.55 | 355.98 | 8.99 | 26.02 | 865.50 | 891.52 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 37.51 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 132.73 | 673.01 | 68.24 | 471.90 | 402.08 | 874.98 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 9.42 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 109.29 | 157.11 | 19.03 | 111.32 | 174.11 | 285.43 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,412.76 | 3,732.37 | 1,006.45 | 2,324.72 | 4,826.86 | 7,151.58 | |
| Components (%) | | | | | | | | | | 33.7% | 52.2% | 14.1% | 32.5% | 67.5% | 100.0% | |
| Unit Rate | | each | | | | | | | | 2,412.22 | 3,731.54 | 1,005.23 | 2,324.21 | 4,825.79 | 7,150.00 | |

502(2)c24 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ910 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 1.07 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 260.58 | 139.94 | 553.92 | 380.66 | 563.78 | 954.44 | |
| W0025 | Disposal of Demolished Debris | m3 | 1.07 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 23.82 | 18.90 | 103.88 | 68.72 | 77.87 | 146.59 | |
| W0751 | Concrete Hollow Block (150x200x400mm), Furnish & Laying including mortar fill | each | 78.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,467.51 | 1,520.46 | 54.03 | 576.81 | 2,465.18 | 3,042.08 | |
| W0203 | Concrete (Class A, 21MPa, max agr. 38mm) | m3 | 0.67 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 24.90 | 866.14 | 160.86 | 598.49 | 453.41 | 1,051.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.66 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 26.35 | 0.33 | 142.94 | 76.60 | 93.02 | 169.62 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.66 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.07 | 0.21 | 8.49 | 0.39 | 2.39 | 2.78 | |
| W0241 | Formwork (reinforced concrete 1K4m) | m2 | 4.50 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 597.60 | 402.49 | 7.91 | 29.41 | 978.59 | 1,008.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 42.44 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 150.18 | 761.47 | 77.21 | 533.93 | 454.92 | 988.85 | |
| W0701 | Precast Concrete Cover (580x480x70), Furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 106.74 | 8.81 | 73.86 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 11.02 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 127.86 | 183.80 | 22.26 | 130.23 | 203.68 | 333.91 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,710.11 | 4,185.68 | 1,146.20 | 2,614.92 | 5,427.07 | 8,041.99 | |
| Components (%) | | | | | | | | | | 33.7% | 52.0% | 14.3% | 32.5% | 67.5% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,708.44 | 4,184.65 | 1,145.91 | 2,614.27 | 5,425.73 | 8,040.00 | |

502(2)c25 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1070 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 1.21 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 294.67 | 158.25 | 626.39 | 441.77 | 637.55 | 1,079.32 | |
| W0025 | Disposal of Demolished Debris | m3 | 1.21 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 26.93 | 21.37 | 117.47 | 77.71 | 88.06 | 165.77 | |
| W0751 | Concrete Hollow Block (150x200x400mm), Furnish & Laying including mortar fill | each | 87.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,636.83 | 1,695.90 | 60.27 | 643.36 | 2,748.64 | 3,393.00 | |
| W0203 | Concrete (Class A, 21MPa, max agr. 38mm) | m3 | 0.79 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 29.36 | 1,021.27 | 189.67 | 705.69 | 534.61 | 1,240.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.77 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 30.74 | 0.39 | 166.76 | 89.37 | 108.52 | 197.89 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.77 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.42 | 0.25 | 0.58 | 0.45 | 2.79 | 3.24 | |
| W0241 | Formwork (reinforced concrete 1K4m) | m2 | 5.05 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 670.64 | 451.68 | 8.87 | 33.01 | 1,098.19 | 1,131.20 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 47.67 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 24.30 | 168.68 | 855.31 | 86.72 | 599.73 | 510.98 | 1,118.71 | |
| W0701 | Precast Concrete Cover (580x480x70), Furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 106.74 | 8.81 | 73.86 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 12.89 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 149.55 | 214.99 | 26.04 | 152.33 | 238.24 | 390.57 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,439.08 | 4,711.34 | 1,305.47 | 2,953.09 | 6,102.81 | 9,055.90 | |
| Components (%) | | | | | | | | | | 33.6% | 52.0% | 14.4% | 32.6% | 67.4% | 100.0% | |
| Unit Rate | | | each | | | | | | | 3,040.46 | 4,713.48 | 1,306.06 | 2,954.43 | 6,105.57 | 9,060.00 | |

502(2)c26 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1220 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| #0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 1.35 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 328.77 | 176.56 | 698.87 | 492.88 | 711.32 | 1,204.20 | |
| #0025 | Disposal of Demolished Debris | m3 | 1.35 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 30.85 | 23.84 | 131.06 | 86.70 | 98.25 | 184.95 | |
| #0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 95.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,787.35 | 1,851.84 | 65.81 | 702.52 | 3,002.48 | 3,705.00 | |
| #0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.88 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 32.70 | 1,137.61 | 211.28 | 786.08 | 595.52 | 1,381.60 | Loss 2.0% |
| #0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.88 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 34.34 | 0.43 | 186.25 | 99.81 | 121.21 | 221.02 | |
| #0237 | Concrete Curing (reinforced concrete) | m3 | 0.88 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.70 | 0.28 | 0.64 | 0.51 | 3.11 | 3.82 | |
| #0241 | Formwork (reinforced concrete H<4m) | m2 | 5.57 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 739.70 | 498.19 | 9.79 | 36.41 | 1,211.27 | 1,247.68 | |
| #0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 52.60 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 186.13 | 943.76 | 95.69 | 661.75 | 563.83 | 1,225.58 | |
| #0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| #0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| #0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 14.49 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 168.11 | 241.67 | 29.27 | 171.23 | 267.82 | 439.05 | |
| #0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 3,339.09 | 5,166.14 | 1,451.36 | 3,247.58 | 6,709.02 | 9,956.80 | |
| | Components (%) | | | | | | | | | 33.6% | 51.9% | 14.8% | 32.7% | 67.3% | 100.0% | |
| | Unit Rate | each | | | | | | | | 3,340.24 | 5,167.91 | 1,451.86 | 3,248.69 | 6,711.31 | 9,960.80 | |

502(2)c27 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1520 x 1-φ460

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| #0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 1.61 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 392.09 | 210.57 | 833.47 | 587.81 | 848.31 | 1,436.12 | |
| #0025 | Disposal of Demolished Debris | m3 | 1.61 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 35.84 | 28.43 | 156.30 | 103.40 | 117.17 | 220.57 | |
| #0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 111.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,088.37 | 2,163.73 | 76.90 | 820.84 | 3,508.16 | 4,329.00 | |
| #0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.07 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 39.77 | 1,383.23 | 256.90 | 955.80 | 724.10 | 1,679.90 | Loss 2.0% |
| #0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.05 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 41.92 | 0.53 | 227.40 | 121.86 | 147.99 | 269.85 | |
| #0237 | Concrete Curing (reinforced concrete) | m3 | 1.05 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.30 | 0.34 | 0.79 | 0.62 | 3.80 | 4.42 | |
| #0241 | Formwork (reinforced concrete H<4m) | m2 | 6.60 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 876.48 | 590.32 | 11.60 | 43.14 | 1,435.26 | 1,478.40 | |
| #0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 62.47 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 221.05 | 1,120.85 | 113.85 | 785.92 | 669.63 | 1,455.55 | |
| #0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| #0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| #0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 17.69 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 205.23 | 295.04 | 35.73 | 209.05 | 326.96 | 536.01 | |
| #0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 3,933.31 | 6,084.99 | 1,735.42 | 3,838.13 | 7,915.59 | 11,753.72 | |
| | Components (%) | | | | | | | | | 33.6% | 51.9% | 14.8% | 32.7% | 67.3% | 100.0% | |
| | Unit Rate | each | | | | | | | | 3,948.79 | 6,108.95 | 1,742.25 | 3,853.24 | 7,946.76 | 11,800.00 | |

502(2)c32 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ610 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.91 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 221.61 | 119.02 | 471.09 | 332.24 | 479.48 | 811.72 | |
| W0025 | Disposal of Demolished Debris | m3 | 0.91 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 20.26 | 16.07 | 88.34 | 58.44 | 66.23 | 124.67 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 66.00 | 18.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,241.74 | 1,286.54 | 45.72 | 488.07 | 2,085.93 | 2,574.00 | |
| W0203 | Concrete (Class A, 21MPa, max agr. 39mm) | m3 | 0.56 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 20.81 | 723.94 | 134.45 | 500.23 | 378.97 | 879.20 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.55 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 21.96 | 0.28 | 119.11 | 63.83 | 77.52 | 141.35 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.55 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.73 | 0.18 | 0.41 | 0.32 | 2.00 | 2.32 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 3.89 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 516.59 | 347.93 | 6.83 | 25.43 | 845.93 | 871.36 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 36.26 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 128.31 | 650.59 | 65.96 | 456.18 | 388.68 | 844.86 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 7.82 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 90.73 | 130.43 | 15.80 | 92.41 | 144.54 | 236.95 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,292.99 | 3,566.91 | 970.43 | 2,226.84 | 4,603.49 | 6,830.33 | |
| Components (%) | | | | | | | | | | 33.6% | 52.2% | 14.2% | 32.6% | 67.4% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,292.88 | 3,566.74 | 970.38 | 2,226.71 | 4,603.26 | 6,830.00 | |

502(2)c33 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ760 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 1.05 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 255.71 | 137.33 | 543.57 | 383.35 | 553.25 | 936.60 | |
| W0025 | Disposal of Demolished Debris | m3 | 1.05 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 23.37 | 18.54 | 101.94 | 67.43 | 76.42 | 143.85 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 74.00 | 18.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,392.25 | 1,442.49 | 51.26 | 547.23 | 2,338.77 | 2,886.00 | |
| W0203 | Concrete (Class A, 21MPa, max agr. 39mm) | m3 | 0.67 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 24.90 | 866.14 | 160.86 | 598.49 | 453.41 | 1,051.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.66 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 26.35 | 0.33 | 142.94 | 76.60 | 93.02 | 169.62 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.66 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.07 | 0.21 | 0.49 | 0.39 | 2.39 | 2.78 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 4.48 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 594.95 | 400.70 | 7.87 | 29.28 | 974.21 | 1,003.52 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 41.69 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 147.52 | 748.01 | 75.84 | 524.50 | 446.88 | 971.34 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 9.42 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 109.29 | 157.11 | 19.03 | 111.32 | 174.11 | 285.43 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,605.67 | 4,062.82 | 1,126.50 | 2,548.28 | 5,246.70 | 7,794.98 | |
| Components (%) | | | | | | | | | | 33.4% | 52.1% | 14.5% | 32.7% | 67.3% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,604.00 | 4,060.22 | 1,125.78 | 2,546.65 | 5,243.35 | 7,790.00 | |

502(2)c34 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ910 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handheld Breaker (Lightly Reinforced Structures) | m3 | 1.20 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 292.24 | 156.94 | 621.22 | 438.12 | 632.28 | 1,070.40 | |
| W0025 | Disposal of Demolished Debris | m3 | 1.20 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 26.71 | 21.19 | 116.50 | 77.07 | 87.33 | 164.40 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 82.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,542.76 | 1,598.43 | 56.81 | 606.39 | 2,591.61 | 3,198.00 | |
| W0203 | Concrete (Class A, 21MPa, max agr. 38mm) | m3 | 0.79 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 29.36 | 1,021.27 | 189.67 | 765.69 | 534.61 | 1,240.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.77 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 30.74 | 0.39 | 166.76 | 89.37 | 108.52 | 197.89 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.77 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.42 | 0.25 | 0.58 | 0.45 | 2.79 | 3.24 | |
| W0241 | Formwork (reinforced concrete H(4m)) | m2 | 5.06 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 671.97 | 452.58 | 0.89 | 33.07 | 1,160.37 | 1,133.44 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 47.12 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 166.74 | 845.44 | 85.72 | 592.81 | 505.09 | 1,097.90 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 11.02 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 127.85 | 183.80 | 22.26 | 130.23 | 203.68 | 333.91 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,920.04 | 4,572.24 | 1,291.10 | 2,882.87 | 5,900.51 | 8,783.38 | |
| Components (%) | | | | | | | | | | 33.2% | 52.1% | 14.7% | 32.8% | 67.2% | 100.0% | |
| Unit Rate | | each | | | | | | | | 2,918.92 | 4,570.48 | 1,290.60 | 2,881.76 | 5,898.24 | 8,780.00 | |

502(2)c35 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1070 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handheld Breaker (Lightly Reinforced Structures) | m3 | 1.36 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 331.20 | 177.87 | 704.05 | 496.54 | 716.58 | 1,213.12 | |
| W0025 | Disposal of Demolished Debris | m3 | 1.36 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 30.27 | 24.02 | 132.03 | 87.34 | 98.98 | 186.32 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 91.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,712.09 | 1,773.87 | 63.04 | 672.94 | 2,876.06 | 3,549.00 | |
| W0203 | Concrete (Class A, 21MPa, max agr. 38mm) | m3 | 0.91 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 33.82 | 1,176.40 | 218.48 | 812.88 | 615.82 | 1,428.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.89 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 35.53 | 0.46 | 192.75 | 103.29 | 125.44 | 228.73 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.89 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.80 | 0.29 | 0.67 | 0.52 | 3.23 | 3.75 | |
| W0241 | Formwork (reinforced concrete H(4m)) | m2 | 5.70 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 756.96 | 509.82 | 10.01 | 37.26 | 1,239.64 | 1,276.80 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 52.87 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 187.08 | 948.61 | 96.18 | 665.15 | 566.72 | 1,231.87 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 12.89 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 149.55 | 214.99 | 26.04 | 152.33 | 238.24 | 390.57 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,268.56 | 5,118.25 | 1,465.95 | 3,237.93 | 6,614.83 | 9,852.76 | |
| Components (%) | | | | | | | | | | 33.2% | 51.9% | 14.9% | 32.9% | 67.1% | 100.0% | |
| Unit Rate | | each | | | | | | | | 3,267.65 | 5,116.82 | 1,465.54 | 3,237.02 | 6,612.96 | 9,850.00 | |

502(2)c36 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1220 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handheld Breaker (Lightly Reinforced Structures) | m3 | 1.50 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 365.30 | 196.18 | 776.52 | 547.65 | 790.35 | 1,338.00 | |
| W0025 | Disposal of Demolished Debris | m3 | 1.50 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 33.39 | 26.49 | 145.62 | 96.33 | 109.17 | 205.50 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 99.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 1,862.60 | 1,929.83 | 68.58 | 732.10 | 3,128.90 | 3,861.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.02 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 37.91 | 1,318.60 | 244.90 | 911.14 | 690.26 | 1,601.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.00 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 39.93 | 0.50 | 216.57 | 116.06 | 140.94 | 257.00 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.00 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.14 | 0.32 | 0.75 | 0.59 | 3.62 | 4.21 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 6.28 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 833.99 | 561.70 | 11.03 | 41.05 | 1,365.67 | 1,406.72 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 58.30 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 206.30 | 1,046.03 | 106.06 | 733.46 | 624.93 | 1,358.39 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 14.49 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 169.11 | 241.67 | 29.27 | 171.23 | 267.82 | 439.05 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,579.91 | 5,613.26 | 1,622.00 | 3,559.30 | 7,255.87 | 10,815.17 | |
| Components (%) | | | | | | | | | | 33.1% | 51.9% | 15.0% | 32.9% | 67.1% | 100.0% | |
| Unit Rate | | each | | | | | | | | 3,674.89 | 5,665.38 | 1,619.73 | 3,554.31 | 7,245.69 | 10,800.00 | |

502(2)c37 Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1520 x 1-φ610

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0013 | Demolition by Pneumatic Handheld Breaker (Lightly Reinforced Structures) | m3 | 1.79 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 435.92 | 234.11 | 926.65 | 653.53 | 943.15 | 1,596.68 | |
| W0025 | Disposal of Demolished Debris | m3 | 1.79 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 39.84 | 31.61 | 173.78 | 114.96 | 130.27 | 245.23 | |
| W0751 | Concrete Hollow Block (150x200x400mm), furnish & Laying including mortar fill | each | 115.00 | 48.2% | 50.0% | 1.8% | 19.0% | 81.0% | 39.00 | 2,163.63 | 2,241.70 | 79.67 | 850.42 | 3,634.58 | 4,485.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.24 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 46.09 | 1,603.00 | 297.72 | 1,107.66 | 839.14 | 1,946.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.22 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 48.71 | 0.61 | 264.22 | 141.59 | 171.95 | 313.54 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.22 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.84 | 0.39 | 0.91 | 0.72 | 4.42 | 5.14 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 7.46 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 990.69 | 667.24 | 13.11 | 48.76 | 1,622.28 | 1,671.04 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 69.15 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 244.69 | 1,240.71 | 125.80 | 869.97 | 741.23 | 1,611.20 | |
| W0701 | Precast Concrete Cover (580x480x70), furnish | each | 1.00 | 1.3% | 91.2% | 7.6% | 63.0% | 37.0% | 116.00 | 1.45 | 105.74 | 8.81 | 73.06 | 42.94 | 116.00 | |
| W0702 | Precast Concrete Cover (580x480x70), installation | each | 1.00 | 89.3% | 1.1% | 9.6% | 5.4% | 94.6% | 10.30 | 9.20 | 0.11 | 0.99 | 0.55 | 9.75 | 10.30 | |
| W0716 | Steel Grate for Manhole Inlet, furnish & installation | kg | 17.69 | 38.3% | 55.0% | 6.7% | 39.0% | 61.0% | 30.30 | 205.23 | 295.04 | 35.73 | 209.05 | 326.96 | 536.01 | |
| W0712 | Iron Step for Special Junction Box Manholes, furnish & installation | each | 4.00 | 8.5% | 85.5% | 5.9% | 62.5% | 37.5% | 54.40 | 18.60 | 186.10 | 12.89 | 136.07 | 81.53 | 217.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 4,207.90 | 6,606.37 | 1,940.27 | 4,206.34 | 8,548.20 | 12,754.54 | |
| Components (%) | | | | | | | | | | 33.0% | 51.8% | 15.2% | 33.0% | 67.0% | 100.0% | |
| Unit Rate | | each | | | | | | | | 4,222.89 | 6,629.92 | 1,947.19 | 4,221.33 | 8,578.67 | 12,800.00 | |

502(3)a1 Catch Basin for RCPC 1-φ460mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|-------------|----------|---------------|-------|--------|-------|-------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------|---------|
| | | | | Component (%) | | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | Labor | | Material | Equipment | Foreign | Local | | | |
| W0161 | Gravel Foundation Fill | m3 | 0.21 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 20.33 | 10.71 | 50.86 | 31.93 | 49.97 | 81.90 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.42 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 89.94 | 3,128.44 | 581.03 | 2,161.72 | 1,637.68 | 3,799.40 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.37 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 94.62 | 1.19 | 513.27 | 275.06 | 334.03 | 609.08 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.37 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 7.45 | 0.76 | 1.77 | 1.39 | 8.59 | 9.98 | | |
| W0241 | Formwork (reinforced concrete R<4m) | m2 | 18.81 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,497.98 | 1,682.41 | 33.05 | 122.95 | 4,090.49 | 4,213.44 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 122.20 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 432.41 | 2,192.54 | 222.31 | 1,537.38 | 1,309.88 | 2,847.26 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | | 3,142.73 | 7,016.05 | 1,402.29 | 4,130.43 | 7,430.64 | 11,561.07 | | |
| | Components (%) | | | | | | | | | 27.2% | 60.7% | 12.1% | 35.7% | 64.3% | 100.0% | | |
| | Unit Rate | each | | | | | | | | 3,153.31 | 7,039.68 | 1,407.01 | 4,144.34 | 7,455.66 | 11,600.00 | | |

502(3)a2 Catch Basin for RCPC 1-φ610mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|-------------|----------|---------------|-------|--------|-------|-------|----------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|------------|---------|
| | | | | Component (%) | | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | Labor | | Material | Equipment | Foreign | Local | | | |
| W0161 | Gravel Foundation Fill | m3 | 0.27 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 26.14 | 13.76 | 65.40 | 41.05 | 64.25 | 105.30 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.98 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 110.75 | 3,852.37 | 715.48 | 2,661.95 | 2,016.65 | 4,678.60 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.92 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 116.58 | 1.47 | 632.39 | 338.98 | 411.54 | 750.44 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.92 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 9.94 | 0.94 | 2.18 | 1.72 | 10.57 | 12.29 | | |
| W0241 | Formwork (reinforced concrete R<4m) | m2 | 23.15 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,074.34 | 2,070.59 | 40.67 | 151.32 | 5,434.28 | 5,185.60 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 148.00 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 523.70 | 2,655.45 | 269.24 | 1,861.96 | 1,586.44 | 3,448.40 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | | 3,860.68 | 8,594.59 | 1,725.36 | 5,056.89 | 9,123.74 | 14,180.63 | | |
| | Components (%) | | | | | | | | | 27.2% | 60.6% | 12.2% | 35.7% | 64.3% | 100.0% | | |
| | Unit Rate | each | | | | | | | | 3,865.96 | 8,606.33 | 1,727.71 | 5,063.80 | 9,136.20 | 14,200.00 | | |

502(3)a3 Catch Basin for RCPC 1-φ760mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|-------------|----------|---------------|-------|--------|-------|-------|----------|-----------------|------------------|-----------------|-----------------|------------------|------------------|------------|---------|
| | | | | Component (%) | | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | Labor | | Material | Equipment | Foreign | Local | | | |
| W0161 | Gravel Foundation Fill | m3 | 0.32 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 30.98 | 16.31 | 77.51 | 48.65 | 76.15 | 124.80 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 3.55 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 131.93 | 4,589.23 | 852.33 | 3,171.12 | 2,402.38 | 5,573.50 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 3.48 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 138.94 | 1.75 | 753.67 | 403.89 | 490.47 | 894.36 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 3.48 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 10.93 | 1.12 | 2.60 | 2.04 | 12.61 | 14.65 | | |
| W0241 | Formwork (reinforced concrete R<4m) | m2 | 27.47 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,648.04 | 2,456.98 | 48.26 | 179.56 | 5,973.72 | 6,153.28 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 174.90 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 618.89 | 3,138.10 | 318.18 | 2,200.39 | 1,874.78 | 4,075.17 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | | 4,579.71 | 10,203.50 | 2,052.55 | 6,005.65 | 10,830.11 | 16,835.76 | | |
| | Components (%) | | | | | | | | | 27.2% | 60.6% | 12.2% | 35.7% | 64.3% | 100.0% | | |
| | Unit Rate | each | | | | | | | | 4,569.99 | 10,181.83 | 2,048.19 | 5,992.89 | 10,807.11 | 16,800.00 | | |

502(3)a4 Catch Basin for RCPC 1-φ910mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | | Remarks | | |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|---------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | Total (PP) | | | |
| W0161 | Gravel Foundation Fill | m3 | 0.37 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | | | | | | | | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.16 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 154.60 | 5,377.81 | 998.79 | 3,716.02 | 2,815.18 | 6,541.20 | | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 4.08 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 162.90 | 2.00 | 883.61 | 473.53 | 575.03 | 1,048.56 | | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 4.08 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 12.82 | 1.31 | 3.05 | 2.40 | 14.78 | 17.18 | | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 32.15 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 4,269.54 | 2,875.57 | 56.48 | 210.15 | 6,991.45 | 7,201.60 | | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 284.10 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 722.21 | 3,662.81 | 371.30 | 2,567.75 | 2,187.78 | 4,755.53 | | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 5,357.90 | 11,937.62 | 2,402.85 | 7,026.09 | 12,672.28 | 19,698.37 | | | |
| Components (%) | | | | | | | | | | 27.2% | 60.6% | 12.2% | 35.7% | 64.3% | 100.0% | | | |
| Unit Rate | | | each | | | | | | | 5,358.44 | 11,938.61 | 2,403.05 | 7,026.67 | 12,673.33 | 19,700.00 | | | |

502(3)a5 Catch Basin for RCPC 1-φ1070mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | | Remarks | |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|---------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | Total (PP) | | |
| W0161 | Gravel Foundation Fill | m3 | 0.43 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 41.83 | 21.92 | 104.15 | 65.37 | 102.33 | 167.70 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.87 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 180.99 | 6,295.65 | 1,169.25 | 4,350.24 | 3,295.66 | 7,645.00 | | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 4.77 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 190.45 | 2.40 | 1,033.04 | 553.61 | 672.28 | 1,225.80 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 4.77 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 14.99 | 1.53 | 3.57 | 2.80 | 17.28 | 20.08 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 37.44 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 4,972.06 | 3,348.72 | 65.78 | 244.72 | 8,141.84 | 8,366.56 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 236.20 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 835.80 | 4,237.96 | 429.70 | 2,971.59 | 2,531.87 | 5,503.46 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 6,235.91 | 13,908.19 | 2,805.49 | 8,188.34 | 14,761.25 | 22,949.59 | | |
| Components (%) | | | | | | | | | | 27.2% | 60.6% | 12.2% | 35.7% | 64.3% | 100.0% | | |
| Unit Rate | | | each | | | | | | | 6,222.44 | 13,878.14 | 2,799.42 | 8,170.65 | 14,729.35 | 22,900.00 | | |

502(3)a6 Catch Basin for RCPC 1-φ1220mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | | Remarks | |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|---------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | Total (PP) | | |
| W0161 | Gravel Foundation Fill | m3 | 0.50 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 48.41 | 25.49 | 121.11 | 76.02 | 118.98 | 195.00 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 5.58 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 207.38 | 7,213.50 | 1,339.72 | 4,984.47 | 3,776.13 | 8,760.60 | | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 5.47 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 218.39 | 2.76 | 1,184.64 | 634.85 | 770.94 | 1,485.79 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 5.47 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 17.19 | 1.75 | 4.09 | 3.21 | 19.82 | 23.03 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 42.87 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 5,693.17 | 3,834.40 | 75.32 | 280.22 | 9,322.66 | 9,602.88 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 269.90 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 955.05 | 4,842.61 | 491.00 | 3,395.56 | 2,893.11 | 6,288.67 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 7,139.58 | 15,920.51 | 3,215.68 | 9,374.33 | 16,901.64 | 26,275.97 | | |
| Components (%) | | | | | | | | | | 27.2% | 60.6% | 12.2% | 35.7% | 64.3% | 100.0% | | |
| Unit Rate | | | each | | | | | | | 7,146.11 | 15,935.07 | 3,218.82 | 9,382.90 | 16,917.10 | 26,300.00 | | |

502(3)a7 Catch Basin for RCPC 1-φ1520mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.64 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 61.96 | 32.63 | 155.01 | 97.30 | 152.30 | 249.60 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 7.15 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 265.73 | 9,243.11 | 1,716.67 | 6,386.94 | 4,838.60 | 11,225.50 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 7.01 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 279.88 | 3.53 | 1,518.16 | 813.58 | 987.99 | 1,801.57 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 7.01 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 22.02 | 2.25 | 5.24 | 4.12 | 25.39 | 29.51 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 54.79 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 7,276.15 | 4,900.55 | 96.26 | 358.13 | 11,914.83 | 12,272.96 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 343.80 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 1,216.55 | 6,168.55 | 625.44 | 4,325.29 | 3,685.25 | 8,010.54 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 9,122.29 | 20,350.61 | 4,116.78 | 11,985.32 | 21,804.36 | 33,589.68 | |
| | Components (%) | | | | | | | | | 27.2% | 60.6% | 12.3% | 35.7% | 64.3% | 100.0% | |
| | Unit Rate | each | | | | | | | | 9,125.09 | 20,356.86 | 4,118.05 | 11,989.01 | 21,810.99 | 33,600.00 | |

502(3)bi Catch Basin for RCPC 2-φ460mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.32 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 30.98 | 16.31 | 77.51 | 48.65 | 76.15 | 124.80 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 3.49 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 129.70 | 4,511.67 | 837.93 | 3,117.52 | 2,361.78 | 5,479.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 3.42 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 136.55 | 1.72 | 740.67 | 396.93 | 482.01 | 878.94 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 3.42 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 10.75 | 1.10 | 2.56 | 2.01 | 12.39 | 14.40 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 25.00 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,320.02 | 2,236.06 | 43.92 | 163.41 | 5,436.59 | 5,660.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 167.10 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 591.29 | 2,998.15 | 303.99 | 2,102.25 | 1,791.18 | 3,893.43 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 4,219.28 | 9,765.01 | 2,006.57 | 6,830.78 | 10,160.09 | 15,990.87 | |
| | Components (%) | | | | | | | | | 26.4% | 61.1% | 12.5% | 36.5% | 63.5% | 100.0% | |
| | Unit Rate | each | | | | | | | | 4,221.69 | 9,770.59 | 2,007.72 | 6,834.11 | 10,165.89 | 16,000.00 | |

502(3)b2 Catch Basin for RCPC 2-φ610mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.43 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 41.63 | 21.92 | 104.15 | 65.37 | 102.33 | 167.74 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.52 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 167.98 | 5,843.19 | 1,085.22 | 4,037.60 | 3,058.80 | 7,096.40 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 4.43 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 176.87 | 2.23 | 959.41 | 514.15 | 624.36 | 1,138.51 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 4.43 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 13.92 | 1.42 | 3.31 | 2.60 | 16.05 | 18.65 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 31.96 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 4,244.31 | 2,858.58 | 56.15 | 208.90 | 6,950.14 | 7,159.04 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 214.50 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 759.02 | 3,848.61 | 390.22 | 2,698.59 | 2,299.26 | 4,997.85 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 5,403.73 | 12,575.96 | 2,598.46 | 7,527.21 | 13,050.94 | 20,578.15 | |
| | Components (%) | | | | | | | | | 26.3% | 61.1% | 12.6% | 36.4% | 63.4% | 100.0% | |
| | Unit Rate | each | | | | | | | | 5,409.46 | 12,589.31 | 2,601.22 | 7,535.20 | 13,064.80 | 20,600.00 | |

502(3)b3 Catch Basin for RCPC 2-φ760mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|----------|-----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.55 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 53.25 | 28.04 | 133.22 | 83.62 | 130.88 | 214.50 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 5.61 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 208.49 | 7,252.28 | 1,346.92 | 5,011.26 | 3,796.44 | 8,807.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 5.50 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 219.59 | 2.77 | 1,191.14 | 638.33 | 775.17 | 1,413.50 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 5.50 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 1.76 | 4.11 | 3.23 | 19.93 | 23.16 | | |
| W0241 | Formwork (reinforced concrete 11K4m) | m2 | 39.20 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 5,205.79 | 3,506.14 | 68.87 | 256.23 | 8,524.57 | 8,780.80 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 265.60 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 939.83 | 4,765.46 | 483.18 | 3,341.47 | 2,847.01 | 6,188.48 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 6,644.24 | 15,556.46 | 3,227.44 | 9,334.14 | 16,094.00 | 25,428.14 | |
| Components (%) | | | | | | | | | | 26.1% | 61.2% | 12.7% | 36.7% | 63.3% | 100.0% | |
| Unit Rate | | | each | | | | | | | 6,636.88 | 15,539.25 | 3,223.87 | 9,323.81 | 16,076.19 | 25,400.00 | |

502(3)b4 Catch Basin for RCPC 2-φ910mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.67 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 64.86 | 34.16 | 162.28 | 101.86 | 159.44 | 261.30 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 6.80 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 252.72 | 8,790.65 | 1,632.63 | 6,074.26 | 4,601.74 | 10,676.00 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 6.67 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 288.30 | 3.36 | 1,444.52 | 774.12 | 940.07 | 1,714.19 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 6.67 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 20.96 | 2.14 | 4.99 | 3.92 | 24.16 | 28.08 | |
| W0241 | Formwork (reinforced concrete 11K4m) | m2 | 47.11 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 6,256.24 | 4,213.63 | 82.77 | 307.93 | 10,244.71 | 10,552.64 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 316.00 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 1,118.18 | 5,669.75 | 574.87 | 3,975.54 | 3,387.26 | 7,362.80 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 7,979.26 | 18,713.69 | 3,902.06 | 11,237.63 | 19,357.38 | 30,595.01 | |
| Components (%) | | | | | | | | | | 26.1% | 61.2% | 12.8% | 36.7% | 63.3% | 100.0% | |
| Unit Rate | | | each | | | | | | | 7,980.56 | 18,716.74 | 3,902.70 | 11,239.47 | 19,360.53 | 30,600.00 | |

502(3)b5 Catch Basin for RCPC 2-φ1070mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.81 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 78.42 | 41.29 | 196.19 | 123.15 | 192.75 | 315.90 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 8.19 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 304.38 | 10,587.56 | 1,966.36 | 7,315.91 | 5,542.39 | 12,858.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 8.03 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 320.60 | 4.05 | 1,739.06 | 931.96 | 1,131.75 | 2,063.71 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 8.03 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 25.23 | 2.57 | 6.01 | 4.72 | 29.09 | 33.81 | |
| W0241 | Formwork (reinforced concrete 11K4m) | m2 | 56.20 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 7,463.40 | 5,026.66 | 98.74 | 367.35 | 12,221.45 | 12,588.80 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 378.30 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 1,338.63 | 6,787.55 | 688.21 | 4,759.32 | 4,055.07 | 8,814.39 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 9,530.66 | 22,449.69 | 4,694.56 | 13,502.41 | 23,172.50 | 36,674.91 | |
| Components (%) | | | | | | | | | | 26.0% | 61.2% | 12.8% | 36.8% | 63.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 9,537.18 | 22,465.05 | 4,697.77 | 13,511.65 | 23,188.35 | 36,700.00 | |

502(3)b6 Catch Basin for RCPC 2-φ 1220mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|------------|----------------|----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | Total (PP) | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 0.96 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 92.94 | 48.94 | 232.52 | 148.95 | 238.45 | 374.40 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 9.60 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 356.78 | 12,410.33 | 2,304.90 | 8,575.42 | 6,496.58 | 15,072.00 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 9.41 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 375.70 | 4.74 | 2,037.93 | 1,092.13 | 1,326.24 | 2,418.37 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 9.41 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 29.57 | 3.02 | 7.04 | 5.53 | 34.09 | 39.62 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 65.47 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 8,694.46 | 5,855.80 | 115.02 | 427.94 | 14,665.28 | | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 444.00 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 1,571.11 | 7,966.36 | 807.73 | 5,585.88 | 4,759.32 | 10,345.20 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | | 11,120.56 | 26,280.07 | 5,505.13 | 15,832.96 | 27,082.01 | 42,914.87 | | |
| | Components (%) | | | | | | | | | 25.8% | 61.3% | 12.8% | 36.9% | 63.1% | 100.0% | | |
| | Unit Rate | each | | | | | | | | 11,116.70 | 26,280.07 | 5,503.24 | 15,827.37 | 27,072.53 | 42,900.00 | | |

502(3)b7 Catch Basin for RCPC 2-φ 1520mm

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|------------|----------------|----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | Total (PP) | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 1.29 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 124.88 | 65.76 | 312.45 | 196.12 | 306.98 | 503.10 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 12.75 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 473.85 | 16,482.46 | 3,061.19 | 11,389.24 | 8,628.26 | 20,017.50 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 12.50 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 499.07 | 6.30 | 2,707.13 | 1,450.75 | 1,761.75 | 3,212.50 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 12.50 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 39.28 | 4.01 | 9.35 | 7.34 | 45.29 | 52.63 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 85.98 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 11,418.21 | 7,690.26 | 151.06 | 562.00 | 18,697.52 | 19,259.52 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 583.00 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 2,062.97 | 10,480.33 | 1,060.00 | 7,334.62 | 6,249.28 | 13,583.90 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | | 14,618.25 | 34,709.13 | 7,301.77 | 20,940.08 | 35,689.07 | 56,629.15 | | |
| | Components (%) | | | | | | | | | 25.8% | 61.3% | 12.9% | 37.0% | 63.0% | 100.0% | | |
| | Unit Rate | each | | | | | | | | 14,610.73 | 34,691.26 | 7,298.01 | 20,929.30 | 35,670.70 | 56,600.00 | | |

502(4)a1 U-shaped Concrete Ditch W=0.50m x H=0.50m

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|------------|----------------|----------|-----------|----------|-----------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | Total (PP) | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 1.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 96.81 | 50.98 | 242.21 | 152.03 | 237.97 | 390.00 | | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.75 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 102.20 | 3,555.04 | 660.26 | 2,456.50 | 1,861.00 | 4,317.50 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.70 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 107.80 | 1.36 | 584.74 | 313.36 | 380.54 | 693.90 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.70 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 8.49 | 0.87 | 2.02 | 1.59 | 9.78 | 11.37 | | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 23.00 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,054.42 | 2,057.18 | 40.41 | 150.34 | 5,001.66 | 5,152.00 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 123.80 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 438.07 | 2,221.25 | 225.22 | 1,557.51 | 1,327.03 | 2,884.54 | | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | |
| | Total | | | | | | | | | 3,807.78 | 7,886.67 | 1,754.85 | 4,631.33 | 8,817.38 | 13,449.31 | | |
| | Components (%) | | | | | | | | | 28.3% | 58.6% | 13.0% | 34.4% | 65.6% | 100.0% | | |
| | Unit Rate | m | | | | | | | | 379.38 | 785.78 | 174.84 | 461.43 | 878.57 | 1,340.00 | | |

502(4)a2 U-shaped Concrete Ditch W=0.75m x H=0.50m

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------|----------|----------------|----------|------------|------------|-----------|
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Total (PP) | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | |
| W0161 | Gravel Foundation Fill | m3 | 1.25 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 121.01 | 63.72 | 302.76 | 190.04 | 297.46 | 487.50 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 3.14 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 116.70 | 4,059.21 | 753.89 | 2,804.88 | 2,124.92 | 4,929.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 3.08 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 122.97 | 1.55 | 667.04 | 357.47 | 434.09 | 791.56 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 3.08 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 9.68 | 0.99 | 2.30 | 1.81 | 11.16 | 12.97 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 23.00 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 3,054.42 | 2,057.18 | 40.41 | 150.34 | 5,001.66 | 5,152.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 140.00 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 495.39 | 2,511.92 | 254.69 | 1,761.31 | 1,500.69 | 3,262.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,920.17 | 8,694.57 | 2,021.09 | 5,265.85 | 9,369.98 | 14,635.83 | |
| Components (%) | | | | | | | | | | 26.8% | 59.4% | 13.8% | 36.0% | 64.0% | 100.0% | |
| Unit Rate | | m | | | | | | | | 391.06 | 867.33 | 201.61 | 525.30 | 934.70 | 1,460.00 | |

502(4)a3 U-shaped Concrete Ditch W=0.30m x H=0.30m

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------|----------|----------------|----------|------------|------------|-----------|
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Total (PP) | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | |
| W0161 | Gravel Foundation Fill | m3 | 0.80 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 77.45 | 40.78 | 193.77 | 121.63 | 190.37 | 312.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.84 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 68.38 | 2,378.65 | 441.77 | 1,643.62 | 1,245.18 | 2,888.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.80 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 71.87 | 0.91 | 389.83 | 208.91 | 253.69 | 462.60 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.80 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 5.66 | 0.58 | 1.35 | 1.06 | 6.52 | 7.58 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 15.00 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,992.01 | 1,341.64 | 26.35 | 98.05 | 3,261.95 | 3,360.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 97.30 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 344.30 | 1,745.78 | 177.01 | 1,224.11 | 1,042.98 | 2,267.09 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,559.66 | 5,508.33 | 1,230.08 | 3,297.38 | 6,000.69 | 9,298.07 | |
| Components (%) | | | | | | | | | | 27.5% | 59.2% | 13.2% | 35.5% | 64.5% | 100.0% | |
| Unit Rate | | m | | | | | | | | 256.02 | 550.95 | 123.03 | 329.81 | 600.19 | 930.00 | |

502(4)b1 U-shaped Concrete Ditch with Grating Cover, W=0.30m x H=0.30m

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------|-----------|----------------|----------|------------|------------|-----------|
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Total (PP) | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | |
| W0161 | Gravel Foundation Fill | m3 | 0.80 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 77.45 | 40.78 | 193.77 | 121.63 | 190.37 | 312.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.94 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 72.10 | 2,507.92 | 465.78 | 1,732.95 | 1,312.85 | 3,045.80 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.90 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 75.86 | 0.96 | 411.48 | 220.51 | 267.79 | 488.30 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.90 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 5.97 | 0.61 | 1.42 | 1.12 | 6.88 | 8.00 | |
| W0241 | Formwork (reinforced concrete 114m) | m2 | 17.00 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,257.61 | 1,520.52 | 29.87 | 111.12 | 3,696.88 | 3,808.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 100.20 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 354.56 | 1,797.81 | 182.28 | 1,260.60 | 1,074.06 | 2,334.66 | |
| W0721 | Grating Cover for U-Ditch (W=300mm), furnish & installation | m2 | 4.20 | 9.0% | 90.1% | 1.0% | 63.2% | 36.8% | 1,140.00 | 429.39 | 4,311.67 | 46.94 | 3,024.02 | 1,763.98 | 4,788.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,272.94 | 10,180.28 | 1,331.55 | 6,471.94 | 8,312.82 | 14,784.76 | |
| Components (%) | | | | | | | | | | 22.1% | 68.9% | 9.0% | 43.8% | 56.2% | 100.0% | |
| Unit Rate | | m | | | | | | | | 327.63 | 1,019.08 | 133.29 | 647.86 | 832.14 | 1,480.00 | |

502(4)b2 U-shaped Concrete Ditch with Grating Cover, W=0.50m x H=0.50m

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|-----------------|------------------|-----------------|-----------------|------------------|------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0161 | Gravel Foundation Fill | m3 | 1.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 96.81 | 50.98 | 242.21 | 152.03 | 237.97 | 390.00 | Loss 2.0% |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0231 | Concrete Pouring by Pump Vehicle (plain concrete) | m3 | 0.00 | 18.8% | 0.2% | 81.0% | 43.4% | 56.6% | 213.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.68 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 99.60 | 3,464.55 | 649.45 | 2,393.97 | 1,813.63 | 4,207.60 | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.63 | 15.5% | 0.2% | 84.3% | 46.2% | 64.8% | 257.00 | 105.00 | 1.33 | 569.58 | 305.24 | 370.67 | 675.91 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.63 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 8.26 | 0.84 | 1.97 | 1.54 | 9.53 | 11.07 | |
| W0241 | Formwork (reinforced concrete 11k4m) | m2 | 23.00 | 59.3% | 39.9% | 0.8% | 2.9% | 87.1% | 224.00 | 3,054.42 | 2,057.18 | 40.41 | 150.34 | 5,001.66 | 5,152.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 123.80 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 438.07 | 2,221.25 | 225.22 | 1,557.51 | 1,327.03 | 2,884.54 | |
| W0721 | Grating Cover for U-Ditch (W=300mm), Furnish & installation | m2 | 6.20 | 9.0% | 90.1% | 1.0% | 63.2% | 36.8% | 1,140.00 | 633.86 | 6,364.85 | 69.29 | 4,464.03 | 2,603.97 | 7,068.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Total | | | | | | | | | 4,436.02 | 14,160.97 | 1,792.13 | 9,024.66 | 11,364.46 | 20,389.12 | |
| | Components (%) | | | | | | | | | 21.8% | 69.5% | 8.8% | 44.3% | 55.7% | 100.0% | |
| | Unit Rate | m | | | | | | | | 443.84 | 1,416.85 | 179.31 | 902.95 | 1,137.65 | 2,040.00 | |

502(6)a V-shaped Lined Ditch H=500mm, 1:1.50

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|--------|------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 3.88 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 512.16 | 0.00 | 0.00 | 0.00 | 512.16 | 512.16 | 0.0% |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 3.88 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 182.61 | 43.17 | 173.87 | 122.45 | 277.19 | 399.64 | |
| W0741 | Grouted Riprap Class A | m3 | 3.88 | 15.6% | 63.8% | 20.6% | 48.0% | 52.0% | 734.00 | 443.34 | 1,817.30 | 587.27 | 1,367.46 | 1,480.46 | 2,847.92 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Total | | | | | | | | | 1,138.11 | 1,860.47 | 761.14 | 1,489.91 | 2,269.81 | 3,759.72 | |
| | Components (%) | | | | | | | | | 30.3% | 49.5% | 20.2% | 39.6% | 60.4% | 100.0% | |
| | Unit Rate | m | | | | | | | | 113.82 | 186.06 | 76.12 | 149.00 | 227.00 | 376.00 | |

502(6)b V-shaped Lined Ditch H=500mm, 1:1.00

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|--------|------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 3.63 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 479.16 | 0.00 | 0.00 | 0.00 | 479.16 | 479.16 | 0.0% |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 3.63 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 170.84 | 40.38 | 162.67 | 114.56 | 259.33 | 373.89 | |
| W0741 | Grouted Riprap Class A | m3 | 3.63 | 15.6% | 63.8% | 20.6% | 48.0% | 52.0% | 734.00 | 414.78 | 1,700.21 | 549.43 | 1,279.35 | 1,385.07 | 2,664.42 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Total | | | | | | | | | 1,064.78 | 1,740.59 | 712.10 | 1,393.91 | 2,123.56 | 3,517.47 | |
| | Components (%) | | | | | | | | | 30.3% | 49.5% | 20.2% | 39.6% | 60.4% | 100.0% | |
| | Unit Rate | m | | | | | | | | 106.55 | 174.18 | 71.26 | 139.49 | 212.51 | 352.00 | |

502(7)a Trapezoidal Lined Ditch B=450mm, H=500mm, 1:1.00

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|--------|------------|----------------|-----------------|---------------|-----------------|-----------------|-----------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 2.68 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 353.76 | 0.00 | 0.00 | 0.00 | 353.76 | 353.76 | 0.0% |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 2.68 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 126.13 | 29.82 | 120.09 | 84.58 | 191.46 | 276.04 | |
| W0741 | Grouted Riprap Class A | m3 | 2.68 | 15.6% | 63.8% | 20.6% | 48.0% | 52.0% | 734.00 | 306.23 | 1,255.25 | 405.64 | 944.54 | 1,022.58 | 1,967.12 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Total | | | | | | | | | 786.12 | 1,285.07 | 525.74 | 1,029.12 | 1,567.80 | 2,596.92 | |
| | Components (%) | | | | | | | | | 30.3% | 49.5% | 20.2% | 39.6% | 60.4% | 100.0% | |
| | Unit Rate | m | | | | | | | | 78.70 | 128.66 | 52.64 | 103.03 | 156.97 | 260.00 | |

502(7)b Trapezoidal Lined Ditch B=1000mm, H=500mm, 1:1.00

Unit: 10.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 3.78 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 498.96 | 0.00 | 0.00 | 0.00 | 498.96 | 498.96 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 3.78 | 45.7% | 10.8% | 43.5% | 30.8% | 69.4% | 103.00 | 177.90 | 42.05 | 169.39 | 119.29 | 270.05 | 389.34 | |
| W0741 | Grouted Riprap Class A | m3 | 3.78 | 15.6% | 83.8% | 20.6% | 48.0% | 52.0% | 734.00 | 431.92 | 1,770.47 | 572.14 | 1,332.22 | 1,442.30 | 2,774.52 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 1,108.78 | 1,812.52 | 741.52 | 1,451.51 | 2,211.31 | 3,682.82 | |
| Components (%) | | | | | | | | | | 30.3% | 49.5% | 20.2% | 39.6% | 60.4% | 100.0% | |
| Unit Rate | | | m | | | | | | | 110.79 | 181.11 | 74.10 | 145.04 | 220.96 | 366.00 | |

503(3)a Cleaning Culvert in Place, ϕ 910mm or less

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|---------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.49 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 277.34 | 0.00 | 0.00 | 0.00 | 277.34 | 277.34 | |
| L020 | Unskilled Labor | md | 3.88 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,218.32 | 0.00 | 0.00 | 0.00 | 1,218.32 | 1,218.32 | |
| Q1108-022 | High Pressure Washer 2.2kW | day | 0.97 | 0.0% | 0.0% | 100.0% | 56.2% | 43.8% | 167.00 | 0.00 | 0.00 | 161.99 | 91.07 | 78.92 | 161.99 | |
| R0601-006 | Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3) | hr | 0.83 | 10.0% | 17.9% | 72.1% | 50.8% | 49.2% | 603.00 | 50.85 | 89.59 | 360.85 | 254.14 | 246.35 | 500.49 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 10.0% | 90.0% | 45.0% | 55.0% | | 0.00 | 2.16 | 19.42 | 9.71 | 11.87 | 21.58 | 1.0% |
| Total | | | | | | | | | | 1,545.71 | 91.75 | 542.27 | 354.92 | 1,824.80 | 2,179.72 | |
| Components (%) | | | | | | | | | | 70.9% | 4.2% | 24.9% | 16.3% | 83.7% | 100.0% | |
| Unit Rate | | | m | | | | | | | 15.46 | 0.92 | 5.42 | 3.55 | 18.25 | 21.80 | |

Miscellaneous covers the cost for scoop, shovel, broom, etc.

$Tl = L/(A \cdot E) + L \cdot Q \cdot t + Ll/V$

Tl : Total Operation Hour = 5.95 hr

L : Cleaning Length = 100.00 m

A : Work Capacity = 30.00 m/h

E : Efficiency = 0.85

Q : Required Water per m 0.10 m3/m

t : Required Time for Water Supply 0.20 hr/m3

Ll : Moving Distance 0.70 km

V : Moving Velocity 25.00 km/hr

T : Daily Operation Hour 6.12 hr

503(3)b Cleaning Culvert in Place, more than ϕ 910mm

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|---------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.59 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 333.94 | 0.00 | 0.00 | 0.00 | 333.94 | 333.94 | |
| L020 | Unskilled Labor | md | 4.68 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,469.52 | 0.00 | 0.00 | 0.00 | 1,469.52 | 1,469.52 | |
| Q1108-022 | High Pressure Washer 2.2kW | day | 1.17 | 0.0% | 0.0% | 100.0% | 56.2% | 43.8% | 167.00 | 0.00 | 0.00 | 195.39 | 109.85 | 85.54 | 195.39 | |
| R0601-006 | Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3) | hr | 1.50 | 10.0% | 17.9% | 72.1% | 50.8% | 49.2% | 603.00 | 90.45 | 161.91 | 652.14 | 459.29 | 445.21 | 904.50 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 10.0% | 90.0% | 45.0% | 55.0% | | 0.00 | 2.90 | 26.13 | 13.07 | 15.97 | 29.03 | 1.0% |
| Total | | | | | | | | | | 1,893.91 | 164.81 | 873.66 | 582.20 | 2,350.19 | 2,932.38 | |
| Components (%) | | | | | | | | | | 64.6% | 5.6% | 29.8% | 19.9% | 80.1% | 100.0% | |
| Unit Rate | | | m | | | | | | | 18.92 | 1.65 | 8.73 | 5.82 | 23.48 | 29.30 | |

Miscellaneous covers the cost for scoop, shovel, broom, etc.

$Tl = L/(A \cdot E) + L \cdot Q \cdot t + Ll/V$

Tl : Total Operation Hour = 7.13 hr

L : Cleaning Length = 100.00 m

A : Work Capacity = 25.00 m/h

E : Efficiency = 0.85

Q : Required Water per m 0.12 m3/m

t : Required Time for Water Supply 0.20 hr/m3

Ll : Moving Distance 0.70 km

V : Moving Velocity 25.00 km/hr

T : Daily Operation Hour 6.12 hr

503(4)a Cleaning Reconditioning of RCBC, Single Barrel

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.63 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 356.58 | 0.00 | 0.00 | 0.00 | 356.58 | 356.58 | |
| L020 | Unskilled Labor | md | 5.04 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,582.56 | 0.00 | 0.00 | 0.00 | 1,582.56 | 1,582.56 | |
| Q1108-022 | High Pressure Washer 2.2kW | day | 1.26 | 0.0% | 0.0% | 100.0% | 56.2% | 43.8% | 167.00 | 0.00 | 0.00 | 210.42 | 118.30 | 92.12 | 210.42 | |
| R0601-006 | Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3) | hr | 2.88 | 10.0% | 17.9% | 72.1% | 50.8% | 49.2% | 603.00 | 173.66 | 310.86 | 1,252.12 | 881.83 | 854.81 | 1,736.64 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 10.0% | 90.0% | 45.0% | 55.0% | | 0.00 | 3.89 | 34.98 | 17.49 | 21.37 | 38.86 | 1.0% |
| Total | | | | | | | | | | 2,112.80 | 314.74 | 1,497.51 | 1,017.61 | 2,907.45 | 3,925.96 | |
| Components (%) | | | | | | | | | | 53.8% | 8.0% | 38.2% | 25.9% | 74.1% | 100.0% | |
| Unit Rate | | | m | | | | | | | 21.15 | 3.15 | 14.99 | 10.19 | 29.11 | 39.30 | |

Miscellaneous covers the cost for scoop, shovel, broom, etc.

$Tl = L/(A \cdot E) + L \cdot Q \cdot t + Ll/V$

Tl : Total Operation Hour = 7.73 hr

L : Cleaning Length = 100.00 m

A : Work Capacity = 25.00 m/h

E : Efficiency = 0.85

Q : Required Water per m 0.15 m3/m

t : Required Time for Water Supply 0.20 hr/m3

Ll : Moving Distance 0.70 km

V : Moving Velocity 25.00 km/hr

T : Daily Operation Hour 6.12 hr

503(4)b Cleaning Reconditioning of RCBC, Double Barrel

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.88 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 384.88 | 0.00 | 0.00 | 0.00 | 384.88 | 384.88 | |
| L020 | Unskilled Labor | md | 5.44 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,708.16 | 0.00 | 0.00 | 0.00 | 1,708.16 | 1,708.16 | |
| Q1108-022 | High Pressure Washer 2.2kW | day | 1.36 | 0.0% | 0.0% | 100.0% | 56.2% | 43.8% | 167.00 | 0.00 | 0.00 | 227.12 | 127.68 | 99.44 | 227.12 | |
| RC601-006 | Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3) | hr | 4.80 | 10.0% | 17.9% | 72.1% | 50.8% | 49.2% | 603.00 | 289.44 | 518.10 | 2,086.86 | 1,468.72 | 1,424.68 | 2,894.40 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 10.0% | 90.0% | 45.0% | 55.0% | | 0.00 | 5.21 | 46.93 | 23.47 | 28.68 | 52.15 | 1.0% |
| Total | | | | | | | | | | 2,382.48 | 523.31 | 2,369.91 | 1,620.87 | 3,645.84 | 5,266.71 | |
| Components (%) | | | | | | | | | | 45.2% | 9.9% | 44.8% | 30.8% | 69.2% | 100.0% | |
| Unit Rate | | | m | | | | | | | 23.84 | 5.24 | 23.62 | 16.22 | 36.48 | 52.70 | |

Miscellaneous covers the cost for scoop, shovel, broom, etc.

$Tl = L/(A \cdot E) + L \cdot Q \cdot t + L1/V$

Tl : Total Operation Hour = 8.33 hr Q : Required Water per m 0.18 m3/m

L : Cleaning Length = 100.00 m t : Required Time for Water Supply 0.20 hr/m3

A : Work Capacity = 25.00 m/h L1 : Moving Distance 0.70 km

E : Efficiency = 0.85 V : Moving Velocity 25.00 km/hr

T : Daily Operation Hour 6.12 hr

503(4)c Cleaning Reconditioning of RCBC, Triple Barrel

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.72 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 407.52 | 0.00 | 0.00 | 0.00 | 407.52 | 407.52 | |
| L020 | Unskilled Labor | md | 5.72 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,796.08 | 0.00 | 0.00 | 0.00 | 1,796.08 | 1,796.08 | |
| Q1108-022 | High Pressure Washer 2.2kW | day | 1.43 | 0.0% | 0.0% | 100.0% | 56.2% | 43.8% | 167.00 | 0.00 | 0.00 | 238.81 | 134.26 | 104.55 | 238.81 | |
| RC601-006 | Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3) | hr | 8.29 | 10.0% | 17.9% | 72.1% | 50.8% | 49.2% | 603.00 | 499.89 | 894.80 | 3,604.19 | 2,538.33 | 2,460.54 | 4,998.87 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 10.0% | 90.0% | 45.0% | 55.0% | | 0.00 | 7.44 | 66.97 | 33.49 | 40.93 | 74.41 | 1.0% |
| Total | | | | | | | | | | 2,703.49 | 902.24 | 3,909.97 | 2,706.07 | 4,809.62 | 7,515.69 | |
| Components (%) | | | | | | | | | | 36.0% | 12.0% | 52.0% | 36.0% | 64.0% | 100.0% | |
| Unit Rate | | | m | | | | | | | 27.05 | 9.03 | 39.12 | 27.08 | 48.12 | 75.20 | |

Miscellaneous covers the cost for scoop, shovel, broom, etc.

$Tl = L/(A \cdot E) + L \cdot Q \cdot t + L1/V$

Tl : Total Operation Hour = 8.73 hr Q : Required Water per m 0.20 m3/m

L : Cleaning Length = 100.00 m t : Required Time for Water Supply 0.20 hr/m3

A : Work Capacity = 25.00 m/h L1 : Moving Distance 0.70 km

E : Efficiency = 0.85 V : Moving Velocity 25.00 km/hr

T : Daily Operation Hour 6.12 hr

504(5) Grouted Riprap Class A (slope protection)

Unit: 10.00 m3

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0741 | Grouted Riprap Class A | m3 | 10.00 | 15.6% | 63.8% | 20.6% | 48.0% | 52.0% | 734.00 | 1,142.64 | 4,683.77 | 1,513.59 | 3,524.39 | 3,815.61 | 7,340.00 | |
| W0106 | Excavation, Backhoe 0.61m3 + Manpower | m3 | 3.30 | 24.6% | 6.6% | 68.8% | 41.7% | 58.3% | 59.50 | 48.24 | 13.01 | 135.10 | 81.92 | 114.43 | 196.35 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.01 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 47.53 | 11.24 | 45.26 | 31.88 | 72.15 | 104.03 | |
| W0133 | Backfill C | m3 | 2.28 | 11.4% | 11.8% | 76.7% | 49.4% | 50.6% | 145.00 | 37.76 | 39.12 | 253.73 | 163.32 | 167.28 | 330.60 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 1,276.16 | 4,747.14 | 1,947.68 | 3,801.51 | 4,169.47 | 7,970.98 | |
| Components (%) | | | | | | | | | | 16.0% | 59.6% | 24.4% | 47.7% | 52.3% | 100.0% | |
| Unit Rate | | | m3 | | | | | | | 127.60 | 474.66 | 194.74 | 380.10 | 416.90 | 797.00 | |

505(1) Stone Masonry Retaining Wall

Unit: 10.00 m3

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0742 | Stone Masonry, laid | m3 | 10.00 | 14.3% | 70.1% | 15.6% | 49.3% | 50.7% | 1,000.00 | 1,428.33 | 7,010.43 | 1,561.24 | 4,933.05 | 5,066.95 | 10,000.00 | |
| W0106 | Excavation, Backhoe 0.61m3 + Manpower | m3 | 4.98 | 24.6% | 6.6% | 68.8% | 41.7% | 58.3% | 59.50 | 72.79 | 19.64 | 203.88 | 123.63 | 172.68 | 296.31 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 2.76 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 129.89 | 30.71 | 123.68 | 87.10 | 197.18 | 284.28 | |
| W0133 | Backfill C | m3 | 2.22 | 11.4% | 11.8% | 76.7% | 49.4% | 50.6% | 145.00 | 36.76 | 38.09 | 247.06 | 159.03 | 162.87 | 321.90 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 1,667.78 | 7,098.86 | 2,135.85 | 5,302.81 | 5,599.68 | 10,902.49 | |
| Components (%) | | | | | | | | | | 15.3% | 65.1% | 19.6% | 48.6% | 51.4% | 100.0% | |
| Unit Rate | | | m3 | | | | | | | 166.74 | 709.72 | 213.54 | 530.16 | 559.84 | 1,090.00 | |

506(1) Hand-Laid Rock Apron (Loose Boulder Apron)

Unit: 100.00 m3

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|-------------------------------------|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|-----------|-----------|------------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.50 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 283.00 | 0.00 | 0.00 | 0.00 | 283.00 | 283.00 | |
| L019 | Skilled Labor | md | 3.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| L020 | Unskilled Labor | md | 0.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 188.40 | 0.00 | 0.00 | 0.00 | 188.40 | 188.40 | |
| M0122 | Crushed Aggregate, transported | m3 | 113.00 | 9.1% | 15.5% | 75.4% | 47.0% | 53.0% | 258.00 | 2,645.13 | 4,528.00 | 21,980.87 | 13,712.62 | 15,441.38 | 29,154.00 | Loss 13.0% |
| R0102-061 | Backhoe, hydraulic, crawler, 0.61m3 | hr | 8.70 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 1,740.00 | 666.07 | 1,271.59 | 13,260.34 | 8,004.77 | 7,133.23 | 15,138.00 | |
| R0402-020 | Truck Crane, Hydraulic 16-20t | hr | 0.00 | 6.9% | 7.7% | 85.4% | 51.5% | 48.5% | 1,070.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 3,782.61 | 5,799.59 | 35,181.21 | 21,717.39 | 23,046.01 | 44,763.40 | |
| Components (%) | | | | | | | | | | 8.5% | 13.0% | 78.6% | 48.5% | 51.5% | 100.0% | |
| Unit Rate | | | m3 | | | | | | | 37.86 | 58.04 | 352.10 | 217.35 | 230.65 | 448.00 | |

507(2)a Steel Sheet Piles (76x457x4mm), furnished & driven

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.51 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 288.66 | 0.00 | 0.00 | 0.00 | 288.66 | 288.66 | |
| L019 | Skilled Labor | md | 1.02 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 411.06 | 0.00 | 0.00 | 0.00 | 411.06 | 411.06 | |
| L020 | Unskilled Labor | md | 0.51 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 160.14 | 0.00 | 0.00 | 0.00 | 160.14 | 160.14 | |
| M02041 | Steel Sheet Pile | kg | 1,632.70 | 0.0% | 100.0% | 0.0% | 70.0% | 30.0% | 32.10 | 0.00 | 52,409.67 | 0.00 | 36,686.77 | 15,722.90 | 52,409.67 | |
| R0502-045 | Vibratory Pile Driver, Hydraulic 45 t-m | hr | 3.34 | 1.9% | 22.6% | 75.5% | 55.7% | 44.3% | 3,420.00 | 217.03 | 2,581.55 | 8,624.21 | 6,360.60 | 5,062.20 | 11,422.80 | |
| R1001-150 | Generator 101-150 kW | day | 0.51 | 0.0% | 52.2% | 47.8% | 59.9% | 40.1% | 3,610.00 | 0.00 | 961.05 | 880.05 | 1,103.73 | 737.37 | 1,841.10 | |
| R0402-025 | Truck Crane, Hydraulic 21-25t | hr | 2.00 | 5.5% | 6.8% | 87.7% | 52.0% | 48.0% | 1,330.00 | 146.30 | 180.88 | 2,332.82 | 1,382.18 | 1,277.82 | 2,660.00 | |
| | Miscellaneous | LS | 1.00 | 20.0% | 20.0% | 60.0% | 50.0% | 50.0% | | 415.16 | 415.16 | 1,245.48 | 1,037.90 | 1,037.90 | 2,075.88 | 3.0% |
| Total | | | | | | | | | | 1,638.35 | 56,548.32 | 13,082.56 | 46,571.17 | 24,698.06 | 71,269.23 | |
| Components (%) | | | | | | | | | | 2.3% | 79.3% | 18.4% | 65.3% | 34.7% | 100.0% | |
| Unit Rate | | | m | | | | | | | 16.39 | 565.73 | 130.88 | 465.91 | 247.09 | 713.00 | |

Miscellaneous covers the costs for jointing, cut-off, adjustment, etc.

$$T_c = [(0.75 + \gamma \cdot N_{max}) \times L + \alpha] \times K / F$$

T_c : Required time for each sheet pile = 12.02 min/each N_{max}: Maximum SPT N-Value = 30
 γ : Coefficient = 0.02 K : Coefficient = 1.02
 α : Coefficient = 3.68 F : Efficiency Factor = 1.00
 L : Driving length = 6.000 m T : Operation Hour = 6.56 hr/day

507(2)b Steel Sheet Piles (400x85x8mm), furnished & driven

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.51 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 288.66 | 0.00 | 0.00 | 0.00 | 288.66 | 288.66 | |
| L019 | Skilled Labor | md | 1.02 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 411.06 | 0.00 | 0.00 | 0.00 | 411.06 | 411.06 | |
| L020 | Unskilled Labor | md | 0.51 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 160.14 | 0.00 | 0.00 | 0.00 | 160.14 | 160.14 | |
| M02041 | Steel Sheet Pile | kg | 3,550.00 | 0.0% | 100.0% | 0.0% | 70.0% | 30.0% | 32.10 | 0.00 | 113,955.00 | 0.00 | 79,768.50 | 34,186.50 | 113,955.00 | |
| R0502-045 | Vibratory Pile Driver, Hydraulic 45 t-m | hr | 3.34 | 1.9% | 22.6% | 75.5% | 55.7% | 44.3% | 3,420.00 | 217.03 | 2,581.55 | 8,624.21 | 6,360.60 | 5,062.20 | 11,422.80 | |
| R1001-150 | Generator 101-150 kW | day | 0.51 | 0.0% | 52.2% | 47.8% | 59.9% | 40.1% | 3,610.00 | 0.00 | 961.05 | 880.05 | 1,103.73 | 737.37 | 1,841.10 | |
| R0402-025 | Truck Crane, Hydraulic 21-25t | hr | 2.00 | 5.5% | 6.8% | 87.7% | 52.0% | 48.0% | 1,330.00 | 146.30 | 180.88 | 2,332.82 | 1,382.18 | 1,277.82 | 2,660.00 | |
| | Miscellaneous | LS | 1.00 | 20.0% | 20.0% | 60.0% | 50.0% | 50.0% | | 784.43 | 784.43 | 2,353.30 | 1,961.09 | 1,961.09 | 3,922.16 | 3.0% |
| Total | | | | | | | | | | 2,007.63 | 118,462.92 | 14,190.38 | 90,576.09 | 44,084.84 | 134,660.92 | |
| Components (%) | | | | | | | | | | 1.5% | 86.0% | 10.5% | 67.3% | 32.7% | 100.0% | |
| Unit Rate | | | m | | | | | | | 20.13 | 1,187.61 | 142.26 | 908.04 | 441.96 | 1,350.00 | |

Miscellaneous covers the costs for jointing, cut-off, adjustment, etc.

$$T_c = [(0.75 + \gamma \cdot N_{max}) \times L + \alpha] \times K / F$$

T_c : Required time for each sheet pile = 12.02 min/each N_{max}: Maximum SPT N-Value = 30
 γ : Coefficient = 0.02 K : Coefficient = 1.02
 α : Coefficient = 3.68 F : Efficiency Factor = 1.00
 L : Driving length = 6.000 m T : Operation Hour = 6.56 hr/day

| 509(1) Gabions | | Unit: 10.00 m3 | | | | | | | | | | | | | | |
|----------------|-------------------------------------|----------------|----------|---------------|--------|--------|-------|--------|------------|----------------|----------|-----------|----------|-----------|------------|------------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 396.20 | 0.00 | 0.00 | 0.00 | 396.20 | 396.20 | |
| L019 | Skilled Labor | md | 2.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 1,088.10 | 0.00 | 0.00 | 0.00 | 1,088.10 | 1,088.10 | |
| L020 | Unskilled Labor | md | 2.40 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 753.60 | 0.00 | 0.00 | 0.00 | 753.60 | 753.60 | |
| M09602 | Gabion Cage 500x1000x2000 | each | 10.00 | 0.0% | 100.0% | 0.0% | 30.0% | 70.0% | 710.00 | 0.00 | 7,100.00 | 0.00 | 2,130.00 | 4,970.00 | 7,100.00 | |
| W0129 | Gravel/Stone, transported | m3 | 9.50 | 11.7% | 18.7% | 89.7% | 14.9% | 55.1% | 196.00 | 217.29 | 347.43 | 1,297.28 | 836.02 | 1,025.98 | 1,862.00 | -Loss 5.0% |
| RD102-061 | Backhoe, hydraulic, crawler, 0.61m3 | hr | 3.10 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 1,740.00 | 237.34 | 453.10 | 4,703.57 | 2,852.27 | 2,541.73 | 5,394.00 | |
| M10202 | Filter Cloth | m2 | 20.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 82.30 | 0.00 | 1,646.00 | 0.00 | 987.60 | 658.40 | 1,646.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,692.53 | 9,546.52 | 6,000.85 | 6,805.90 | 11,434.00 | 19,239.90 | |
| Components (%) | | | | | | | | | | 14.8% | 52.3% | 32.9% | 37.3% | 62.7% | 100.0% | |
| Unit Rate | | | m3 | | | | | | | 268.66 | 952.56 | 598.77 | 679.10 | 1,140.90 | 1,820.00 | |

| 509(2) Gabion Mattress t=300mm | | Unit: 10.00 m3 | | | | | | | | | | | | | | |
|--------------------------------|-------------------------------------|----------------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|----------|-----------|------------|---------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 396.20 | 0.00 | 0.00 | 0.00 | 396.20 | 396.20 | |
| L019 | Skilled Labor | md | 2.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 1,088.10 | 0.00 | 0.00 | 0.00 | 1,088.10 | 1,088.10 | |
| L020 | Unskilled Labor | md | 2.40 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 753.60 | 0.00 | 0.00 | 0.00 | 753.60 | 753.60 | |
| M09605 | Gabion Mat Cage t=300mm | m2 | 33.33 | 0.0% | 100.0% | 0.0% | 30.0% | 70.0% | 617.00 | 0.00 | 20,564.61 | 0.00 | 6,169.38 | 14,395.23 | 20,564.61 | |
| W0129 | Gravel/Stone, transported | m3 | 9.50 | 11.7% | 18.7% | 89.7% | 14.9% | 55.1% | 196.00 | 217.29 | 347.43 | 1,297.28 | 836.02 | 1,025.98 | 1,862.00 | |
| RD102-061 | Backhoe, hydraulic, crawler, 0.61m3 | hr | 3.10 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 1,740.00 | 237.34 | 453.10 | 4,703.57 | 2,852.27 | 2,541.73 | 5,394.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 2,692.53 | 21,365.13 | 6,000.85 | 9,857.68 | 20,200.83 | 30,058.51 | |
| Components (%) | | | | | | | | | | 9.0% | 71.1% | 20.0% | 32.8% | 67.2% | 100.0% | |
| Unit Rate | | | m3 | | | | | | | 269.62 | 2,139.46 | 600.91 | 987.13 | 2,022.87 | 3,010.00 | |

| 509(3) Filter Cloth | | Unit: 10.00 m2 | | | | | | | | | | | | | | |
|---------------------|-----------------|----------------|----------|---------------|--------|--------|-------|--------|------------|----------------|----------|-----------|---------|--------|------------|-----------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L020 | Unskilled Labor | md | 0.06 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 18.84 | 0.00 | 0.00 | 0.00 | 18.84 | 18.84 | |
| M10202 | Filter Cloth | m2 | 10.70 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 82.30 | 0.00 | 880.61 | 0.00 | 528.37 | 352.24 | 880.61 | Loss 7.0% |
| | Miscellaneous | LS | 1.00 | 0.0% | 10.0% | 90.0% | 50.0% | 50.0% | | 0.00 | 1.80 | 16.19 | 8.99 | 17.99 | 17.99 | 2.0% |
| Total | | | | | | | | | | 18.84 | 882.41 | 16.19 | 537.36 | 380.08 | 917.44 | |
| Components (%) | | | | | | | | | | 2.1% | 96.2% | 1.8% | 58.6% | 41.4% | 100.0% | |
| Unit Rate | | | m2 | | | | | | | 1.88 | 88.20 | 1.62 | 53.71 | 37.99 | 91.70 | |

| 510(1) Rubble Concrete Slope Protection | | Unit: 10.00 m3 | | | | | | | | | | | | | | |
|---|---|----------------|----------|---------------|-------|--------|-------|-------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0731 | Rubble Concrete | m3 | 10.00 | 6.2% | 51.5% | 42.4% | 52.6% | 47.4% | 922.00 | 567.11 | 4,746.72 | 3,906.17 | 4,846.50 | 4,373.50 | 9,220.00 | |
| W0732 | Granular Bedding for Rubble Concrete | m3 | 2.74 | 27.4% | 12.5% | 60.1% | 37.5% | 62.5% | 399.00 | 299.68 | 136.18 | 667.40 | 410.13 | 683.13 | 1,093.26 | |
| W0733 | Washout Prevention Filter, furnish and laying | m2 | 28.57 | 2.1% | 96.2% | 1.8% | 58.6% | 41.4% | 91.70 | 53.80 | 2,519.84 | 46.23 | 1,534.58 | 1,085.37 | 2,619.87 | |
| | Miscellaneous | LS | 1.00 | 2.0% | 55.0% | 43.0% | 50.0% | 50.0% | | 5.17 | 142.26 | 111.22 | 129.33 | 129.33 | 258.66 | 2.0% |
| Total | | | | | | | | | | 925.77 | 7,544.99 | 4,721.03 | 6,920.47 | 6,271.32 | 13,191.79 | |
| Components (%) | | | | | | | | | | 7.0% | 57.2% | 35.8% | 52.5% | 47.5% | 100.0% | |
| Unit Rate | | | m3 | | | | | | | 92.63 | 754.97 | 472.40 | 692.48 | 627.62 | 1,320.00 | |

Miscellaneous covers the costs for subgrade preparation, weep holes, etc.

Part H Miscellaneous Structures

600(1)a Concrete Curb, Type A (200x450mm)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|------------------|-------------------|-----------------|-----------------|------------------|------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 8.04 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 298.80 | 10,393.65 | 1,930.35 | 7,181.92 | 5,440.88 | 12,622.80 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 7.88 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 1,730.51 | 3.46 | 31.15 | 19.04 | 1,746.08 | 1,765.12 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 7.88 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 49.46 | 6.08 | 14.20 | 11.15 | 58.59 | 69.74 | |
| W0240 | Formwork (plain concrete 11<4m) | m2 | 90.19 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 11,784.97 | 8,080.17 | 157.04 | 588.53 | 19,433.65 | 20,022.18 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 13,063.74 | (8,483.36) | 2,132.73 | 7,800.63 | 26,679.21 | 34,479.84 | |
| | Components (%) | | | | | | | | | 40.2% | 53.6% | | 6.2% | 22.6% | 77.4% | 100.0% |
| | Unit Rate | m | | | | | | | | 138.72 | 184.94 | 21.34 | 78.05 | 266.95 | 345.00 | |

600(1)b Concrete Curb, Type B (175x318mm)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|-----------------|------------------|-----------------|-----------------|------------------|------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.87 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 180.99 | 6,295.65 | 1,169.25 | 4,350.24 | 3,295.66 | 7,645.90 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 4.77 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 1,047.53 | 2.10 | 18.86 | 11.52 | 1,056.96 | 1,068.48 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 4.77 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 29.94 | 3.69 | 8.59 | 6.75 | 35.46 | 42.21 | |
| W0240 | Formwork (plain concrete 11<4m) | m2 | 63.87 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 8,345.78 | 5,722.15 | 111.21 | 416.78 | 13,762.36 | 14,179.14 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 9,604.24 | 12,023.58 | 1,307.91 | 4,785.29 | 18,150.44 | 22,935.73 | |
| | Components (%) | | | | | | | | | 41.9% | 52.4% | | 5.7% | 20.9% | 79.1% | 100.0% |
| | Unit Rate | m | | | | | | | | 95.89 | 120.05 | 13.06 | 47.78 | 181.22 | 229.00 | |

600(3)a Combination Concrete Curb & Gutter/Side Strip, Type A (675x364mm)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|------------------|------------------|-----------------|------------------|------------------|------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 13.82 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 513.61 | 17,865.70 | 3,318.09 | 12,345.04 | 9,352.36 | 21,697.40 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 13.55 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 2,975.69 | 5.95 | 53.56 | 32.73 | 3,002.47 | 3,035.20 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 13.55 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 85.05 | 10.46 | 24.41 | 19.18 | 100.74 | 119.92 | |
| W0240 | Formwork (plain concrete 11<4m) | m2 | 71.50 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 9,342.78 | 6,405.72 | 124.49 | 466.57 | 15,406.43 | 15,873.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 12,917.13 | 24,287.83 | 3,520.55 | 12,863.52 | 27,862.00 | 40,725.52 | |
| | Components (%) | | | | | | | | | 31.7% | 59.6% | | 8.6% | 31.6% | 68.4% | 100.0% |
| | Unit Rate | m | | | | | | | | 129.09 | 242.73 | 35.18 | 128.55 | 278.45 | 407.00 | |

600(3)b Combination Concrete Curb & Gutter/Side Strip, Type B (675x334mm)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|------------------|------------------|-----------------|------------------|------------------|------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 13.31 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 494.66 | 17,206.40 | 3,195.64 | 11,889.47 | 9,007.23 | 20,896.70 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 13.05 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 2,865.88 | 5.73 | 51.59 | 31.52 | 2,891.68 | 2,923.20 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 13.05 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 81.91 | 10.07 | 23.51 | 18.47 | 97.02 | 115.49 | |
| W0240 | Formwork (plain concrete 11<4m) | m2 | 65.62 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 8,561.39 | 5,869.97 | 114.08 | 427.54 | 14,117.90 | 14,545.44 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 12,003.83 | 23,092.18 | 3,384.82 | 12,367.01 | 26,113.82 | 38,480.83 | |
| | Components (%) | | | | | | | | | 31.2% | 60.0% | | 8.8% | 32.1% | 67.9% | 100.0% |
| | Unit Rate | m | | | | | | | | 120.10 | 231.04 | 33.87 | 123.73 | 261.27 | 385.00 | |

600(3)c Combination Concrete Curb & Gutter, Type C (475x334mm)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 10.76 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 399.89 | 13,908.91 | 2,583.40 | 9,611.62 | 7,281.58 | 16,893.29 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 10.55 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 2,316.86 | 4.63 | 41.70 | 25.49 | 2,337.71 | 2,363.20 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 10.55 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 66.22 | 8.15 | 19.01 | 14.93 | 78.44 | 93.37 | |
| W0240 | Formwork (plain concrete 11(4m) | m2 | 71.50 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 9,342.78 | 6,405.72 | 124.49 | 466.57 | 15,406.43 | 15,873.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 12,125.75 | 20,328.41 | 2,768.61 | 10,118.61 | 23,104.16 | 35,222.77 | |
| Components (%) | | | | | | | | | | 34.4% | 57.7% | 7.9% | 28.7% | 71.3% | 100.0% | |
| Unit Rate | | | m | | | | | | | 121.18 | 203.15 | 27.67 | 101.12 | 250.88 | 352.00 | |

601(1) PCC Pavement for Sidewalk (t=100mm)

Unit: 100.00 m2

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|-------|--------|-------|-------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0852 | Aggregate Subbase Course for Side Walk (t=100mm) | m2 | 100.00 | 26.4% | 12.7% | 60.9% | 38.7% | 61.3% | 54.00 | 1,427.60 | 684.70 | 3,287.70 | 2,090.59 | 3,309.41 | 5,400.00 | |
| W0853 | PCC Pavement (Plain), t=100mm for Side Walk | m2 | 100.00 | 16.8% | 69.7% | 6.1% | 46.1% | 46.5% | 412.00 | 6,919.81 | 28,733.21 | 2,495.13 | 18,998.55 | 19,148.60 | 41,200.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 8,347.40 | 29,417.91 | 5,782.83 | 21,090.14 | 22,458.01 | 46,600.00 | |
| Components (%) | | | | | | | | | | 17.9% | 63.1% | 12.4% | 45.3% | 48.2% | 100.0% | |
| Unit Rate | | | m2 | | | | | | | 83.47 | 294.18 | 57.83 | 210.90 | 224.58 | 466.00 | |

602(1) Right-of-Way Monuments

Unit: 100.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|--------|------------|----------------|-----------|-----------|----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 18.23 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 2,406.36 | 0.00 | 0.00 | 0.00 | 2,406.36 | 2,406.36 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.95 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 91.77 | 21.69 | 87.38 | 61.54 | 139.31 | 200.85 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 16.28 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 971.19 | 70.26 | 202.34 | 155.62 | 1,088.17 | 1,243.79 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.64 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 98.11 | 3,412.84 | 631.85 | 2,358.24 | 1,786.56 | 4,144.80 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 2.59 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 568.78 | 1.14 | 10.24 | 6.26 | 573.90 | 580.16 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 2.59 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 16.26 | 2.00 | 4.67 | 3.67 | 19.25 | 22.92 | |
| W0240 | Formwork (plain concrete 11(4m) | m2 | 72.00 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 9,408.12 | 6,450.52 | 125.36 | 469.83 | 15,514.17 | 15,984.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 346.80 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 1,227.16 | 6,222.37 | 630.90 | 4,363.03 | 3,717.41 | 8,080.44 | |
| L019 | Skilled Labor | nd | 3.50 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 1,410.50 | 0.00 | 0.00 | 0.00 | 1,410.50 | 1,410.50 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 20.0% | 80.0% | 50.0% | 50.0% | | 0.00 | 204.44 | 817.77 | 511.11 | 511.11 | 1,022.21 | 3.0% |
| Total | | | | | | | | | | 16,198.25 | 16,385.27 | 2,512.51 | 7,929.29 | 27,166.74 | 35,096.03 | |
| Components (%) | | | | | | | | | | 45.2% | 46.7% | 7.2% | 22.6% | 77.4% | 100.0% | |
| Unit Rate | | | each | | | | | | | 162.00 | 163.87 | 25.13 | 79.30 | 271.70 | 351.00 | |

Miscellaneous covers the cost for carving tools, etc.

602(2) Maintenance Marker Posts for Drainage Structure

Unit: 100.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 144.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 19,008.00 | 0.00 | 0.00 | 0.00 | 19,008.00 | 19,008.00 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 3.00 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 178.97 | 12.95 | 37.29 | 28.68 | 200.52 | 223.23 | |
| W0145 | Disposal of Surplus Soil (manpower loading) | m3 | 141.00 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 6,635.93 | 1,568.65 | 6,318.42 | 4,449.89 | 10,073.11 | 14,523.00 | |
| W0161 | Grave) Foundation Fill | m3 | 0.00 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.00 | 2.6% | 80.8% | 16.6% | 56.6% | 43.4% | 1,450.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 0.00 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0243 | Formwork (lean concrete) | m2 | 0.00 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.28 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 159.06 | 5,532.94 | 1,027.60 | 3,823.21 | 2,896.39 | 6,719.60 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 4.20 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 922.35 | 1.84 | 16.60 | 10.15 | 930.65 | 940.80 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 4.20 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 13.19 | 1.35 | 3.14 | 2.47 | 15.21 | 17.68 | |
| W0241 | Formwork (reinforced concrete W4m) | m2 | 104.00 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 13,811.27 | 9,302.01 | 182.71 | 679.79 | 22,616.21 | 23,296.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 640.10 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 2,265.02 | 11,484.84 | 1,164.48 | 8,052.98 | 6,861.35 | 14,914.33 | |
| | Miscellaneous | LS | 1.00 | 5.0% | 50.0% | 45.0% | 50.0% | 50.0% | | 119.47 | 1,194.73 | 1,075.26 | 1,194.73 | 1,194.73 | 2,389.46 | 3.0% |
| | Total | | | | | | | | | 43,113.27 | 29,099.30 | 9,825.49 | 18,241.69 | 43,796.18 | 82,038.07 | |
| | Components (%) | | | | | | | | | 52.6% | 35.5% | 12.0% | 22.2% | 77.8% | 100.0% | |
| | Unit Rate | each | | | | | | | | 430.93 | 290.86 | 98.21 | 182.33 | 637.67 | 820.00 | |

Miscellaneous covers the cost for paint, brushes, minor tools, etc.

602(3) Kilometer Post

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 9.36 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,235.52 | 0.00 | 0.00 | 0.00 | 1,235.52 | 1,235.52 | |
| W0145 | Disposal of Surplus Soil (manpower loading) | m3 | 1.23 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 57.89 | 13.68 | 55.12 | 38.82 | 87.87 | 126.69 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 8.13 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 485.00 | 35.09 | 101.04 | 77.72 | 543.41 | 621.13 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.98 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 73.59 | 2,559.63 | 475.38 | 1,768.68 | 1,339.92 | 3,108.60 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.94 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 426.04 | 0.85 | 7.67 | 4.69 | 429.87 | 434.56 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.94 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 6.10 | 0.62 | 1.45 | 1.14 | 7.03 | 8.17 | |
| W0241 | Formwork (reinforced concrete W4m) | m2 | 22.01 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 2,922.94 | 1,968.43 | 38.67 | 143.87 | 4,786.37 | 4,934.24 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 61.20 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 216.56 | 1,098.07 | 111.34 | 769.95 | 656.01 | 1,425.96 | |
| | Miscellaneous | LS | 1.00 | 10.0% | 50.0% | 40.0% | 50.0% | 50.0% | | 35.67 | 178.38 | 142.69 | 178.38 | 178.38 | 356.73 | 3.0% |
| | Total | | | | | | | | | 5,459.30 | 5,854.93 | 933.36 | 2,983.22 | 9,264.38 | 12,247.60 | |
| | Components (%) | | | | | | | | | 44.6% | 47.8% | 7.6% | 24.4% | 75.6% | 100.0% | |
| | Unit Rate | each | | | | | | | | 543.81 | 583.22 | 92.97 | 297.16 | 922.84 | 1,220.00 | |

Miscellaneous covers the cost for paint, brushes, minor tools, etc.

603(3)a Metal Guardrails (Metal Beam) Type A (Embedded in Soil)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---------------------------|------|----------|---------------|-------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| 1.020 | Unskilled Labor | md | 29.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 9,106.00 | 0.00 | 0.00 | 0.00 | 9,106.00 | 9,106.00 | |
| W0871 | Guardrail Type A, furnish | m | 100.00 | 8.0% | 78.8% | 13.2% | 59.1% | 40.9% | 902.00 | 7,178.25 | 71,116.53 | 11,905.21 | 53,345.14 | 36,854.86 | 90,200.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 16,284.25 | 71,116.53 | 11,905.21 | 53,345.14 | 45,960.86 | 99,306.00 | |
| | Components (%) | | | | | | | | | 16.4% | 71.6% | 12.0% | 53.7% | 46.3% | 100.0% | |
| | Unit Rate | m | | | | | | | | 162.83 | 711.12 | 119.04 | 533.42 | 459.68 | 993.00 | |

603(3)b Metal Guardrails (Metal Beam) Type B (Embedded in Concrete)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|---|------|----------|---------------|-------|--------|-------|--------|------------|------------------|------------------|------------------|------------------|------------------|------------------|------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L020 | Unskilled Labor | md | 16.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 5,024.00 | 0.00 | 0.00 | 0.00 | 5,024.00 | 5,024.00 | |
| W0872 | Guardrail Type B, furnish | m | 100.00 | 9.2% | 76.5% | 14.3% | 58.1% | 41.9% | 707.00 | 6,502.93 | 54,092.14 | 10,104.93 | 41,045.43 | 29,654.57 | 70,700.00 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 54.80 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 193.91 | 983.21 | 99.69 | 689.43 | 587.41 | 1,276.84 | |
| | Miscellaneous | LS | 1.00 | 10.0% | 50.0% | 40.0% | 55.0% | 45.0% | | 308.00 | 1,540.02 | 1,232.01 | 1,694.02 | 1,386.02 | 3,080.03 | 4.0% |
| | Total | | | | | | | | | 12,028.85 | 56,615.39 | 11,436.63 | 43,428.87 | 36,652.00 | 80,080.87 | |
| | Components (%) | | | | | | | | | 15.0% | 70.7% | 14.7% | 54.2% | 45.8% | 100.0% | |
| | Unit Rate | m | | | | | | | | 120.32 | 566.29 | 114.39 | 434.39 | 366.61 | 801.60 | |

Miscellaneous covers the cost for sand fill, fixing devices, etc.

604(1) Fencing (Barbed Wire)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|-----------------|------|----------|---------------|--------|--------|-------|--------|------------|-----------------|------------------|---------------|-----------------|------------------|------------------|------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L020 | Unskilled Labor | md | 16.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 5,024.00 | 0.00 | 0.00 | 0.00 | 5,024.00 | 5,024.00 | |
| W04001 | Lumber | m3 | 0.86 | 0.0% | 100.0% | 0.0% | 10.0% | 90.0% | 14,800.00 | 0.00 | 12,728.00 | 0.00 | 1,272.80 | 11,455.20 | 12,728.00 | |
| W02062 | Barbed Wire | m | 700.00 | 0.0% | 100.0% | 0.0% | 35.0% | 65.0% | 2.50 | 0.00 | 1,750.00 | 0.00 | 642.50 | 1,137.50 | 1,750.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 30.0% | 70.0% | 55.0% | 45.0% | | 0.00 | 234.02 | 546.06 | 429.04 | 351.04 | 780.08 | 4.0% |
| | Total | | | | | | | | | 5,024.00 | 14,712.02 | 546.06 | 2,314.34 | 17,987.74 | 20,282.08 | |
| | Components (%) | | | | | | | | | 24.8% | 72.5% | 2.7% | 11.4% | 98.6% | 100.0% | |
| | Unit Rate | m | | | | | | | | 50.28 | 147.25 | 5.47 | 23.16 | 179.84 | 203.00 | |

Miscellaneous covers the costs for fixing materials, cutting pliers, nippers, cart, minor tools, etc.

604(2) Fencing (Chain Link Fence Fabric)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|-----------|---|------|----------|---------------|-------|--------|-------|--------|------------|------------------|------------------|------------------|------------------|------------------|-------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0105 | Excavation, Backhoe 0.6m3 | m3 | 8.33 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 14.98 | 28.62 | 297.09 | 180.16 | 160.54 | 340.70 | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 6.29 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 47.64 | 86.30 | 451.03 | 301.11 | 283.86 | 584.97 | |
| W0133 | Backfill C | m3 | 2.04 | 11.4% | 11.8% | 76.7% | 49.4% | 50.6% | 145.00 | 33.78 | 35.00 | 227.02 | 146.13 | 149.67 | 295.80 | |
| W0204 | Concrete (Class C, 21MPa, max agg. 12mm) | m3 | 6.38 | 2.2% | 84.0% | 13.8% | 57.1% | 42.9% | 1,670.00 | 232.40 | 8,952.42 | 1,469.78 | 6,086.80 | 4,567.80 | 10,654.60 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 6.25 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 1,372.55 | 2.75 | 24.71 | 15.10 | 1,384.90 | 1,400.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 6.25 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 39.23 | 4.82 | 11.26 | 8.85 | 46.46 | 55.31 | |
| W0882 | Chain Link Fence 25mm mesh (H=1.87m), furnished | m | 100.00 | 7.1% | 81.7% | 11.3% | 60.2% | 39.8% | 876.00 | 6,188.83 | 71,543.84 | 9,867.33 | 52,691.94 | 34,908.06 | 87,600.00 | |
| L002 | Foreman | md | 3.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 1,698.00 | 0.00 | 0.00 | 0.00 | 1,698.00 | 1,698.00 | |
| L020 | Unskilled Labor | md | 20.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 6,280.00 | 0.00 | 0.00 | 0.00 | 6,280.00 | 6,280.00 | |
| R0402-005 | Truck Crane, Hydraulic 2-5t | hr | 2.86 | 17.9% | 10.9% | 71.2% | 45.7% | 54.3% | 412.00 | 210.92 | 128.44 | 838.96 | 538.74 | 639.58 | 1,178.32 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 60.0% | 40.0% | 55.0% | 45.0% | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 16,118.34 | 80,782.18 | 13,187.18 | 59,968.81 | 50,118.89 | 110,087.70 | |
| | Components (%) | | | | | | | | | 14.6% | 73.4% | 12.0% | 54.5% | 45.5% | 100.0% | |
| | Unit Rate | m | | | | | | | | 161.06 | 807.18 | 131.77 | 599.21 | 500.79 | 1,100.00 | |

604(3) Fencing (Chain Link Fence Fabric on Bridge Railing)

Unit: 100.00 m

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|-----------|---|------|----------|---------------|-------|--------|-------|--------|------------|------------------|------------------|------------------|------------------|------------------|------------------|------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0882 | Chain Link Fence 25mm mesh (H=1.87m), furnished | m | 100.00 | 7.1% | 81.7% | 11.3% | 60.2% | 39.8% | 876.00 | 6,188.83 | 71,543.84 | 9,867.33 | 52,691.94 | 34,908.06 | 87,600.00 | |
| L002 | Foreman | md | 3.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 1,698.00 | 0.00 | 0.00 | 0.00 | 1,698.00 | 1,698.00 | |
| L020 | Unskilled Labor | md | 20.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 6,280.00 | 0.00 | 0.00 | 0.00 | 6,280.00 | 6,280.00 | |
| R0402-005 | Truck Crane, Hydraulic 2-5t | hr | 2.86 | 17.9% | 10.9% | 71.2% | 45.7% | 54.3% | 412.00 | 210.92 | 128.44 | 838.96 | 538.74 | 639.58 | 1,178.32 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 60.0% | 40.0% | 55.0% | 45.0% | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.0% |
| | Total | | | | | | | | | 14,377.75 | 72,252.82 | 11,093.32 | 53,762.84 | 43,961.05 | 97,723.88 | |
| | Components (%) | | | | | | | | | 14.7% | 73.9% | 11.4% | 55.0% | 45.0% | 100.0% | |
| | Unit Rate | m | | | | | | | | 143.74 | 722.35 | 110.91 | 537.50 | 439.50 | 977.00 | |

Miscellaneous covers the cost for grouting, etc.

605(1)a Warning Signs (Triangular 900mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| 1.02 | Foreman | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 452.80 | 0.00 | 0.00 | 0.00 | 452.80 | 452.80 | |
| 1.020 | Unskilled Labor | md | 2.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 816.40 | 0.00 | 0.00 | 0.00 | 816.40 | 816.40 | |
| W07201 | Traffic Sign Board (aluminum) | m2 | 3.51 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 48,438.00 | 0.00 | 31,484.70 | 16,953.30 | 48,438.00 | |
| W08706 | Steel Gas Pipe, φ80 | m | 35.80 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 10,525.20 | 0.00 | 6,315.12 | 4,210.08 | 10,525.20 | |
| W06003 | Zinc Rich Primer for Steel | kg | 1.10 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 411.40 | 0.00 | 267.41 | 143.99 | 411.40 | |
| W06021 | Phenol Resin Paint for Steel | kg | 1.18 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 320.96 | 0.00 | 208.62 | 112.34 | 320.96 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete H<4m) | m2 | 12.57 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,790.54 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 309.93 | 378.80 | 378.80 | 389.93 | 688.73 | 1.0% |
| | Total | | | | | | | | | 5,771.65 | 62,866.66 | 923.39 | 40,048.40 | 29,513.30 | 69,561.70 | |
| | Components (%) | | | | | | | | | 8.3% | 90.4% | 1.3% | 57.6% | 42.4% | 100.0% | |
| | Unit Rate | each | | | | | | | | 577.48 | 6,290.13 | 92.39 | 4,007.04 | 2,952.96 | 6,960.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(1)b Warning Signs (Circular φ900mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|-----------|-----------|------------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| 1.02 | Foreman | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 452.80 | 0.00 | 0.00 | 0.00 | 452.80 | 452.80 | |
| 1.020 | Unskilled Labor | md | 2.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 816.40 | 0.00 | 0.00 | 0.00 | 816.40 | 816.40 | |
| W07201 | Traffic Sign Board (aluminum) | m2 | 6.36 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 87,768.00 | 0.00 | 57,049.20 | 30,718.80 | 87,768.00 | |
| W08706 | Steel Gas Pipe, φ80 | m | 34.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 9,996.00 | 0.00 | 5,997.60 | 3,998.40 | 9,996.00 | |
| W06003 | Zinc Rich Primer for Steel | kg | 1.04 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 388.96 | 0.00 | 252.82 | 136.14 | 388.96 | |
| W06021 | Phenol Resin Paint for Steel | kg | 1.12 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 304.64 | 0.00 | 198.02 | 106.62 | 304.64 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete H<4m) | m2 | 12.57 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,790.54 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 484.36 | 591.99 | 591.99 | 484.36 | 1,076.35 | 1.0% |
| | Total | | | | | | | | | 5,771.65 | 101,803.13 | 1,136.58 | 66,483.38 | 43,227.98 | 108,711.36 | |
| | Components (%) | | | | | | | | | 5.3% | 93.6% | 1.0% | 60.2% | 39.8% | 100.0% | |
| | Unit Rate | each | | | | | | | | 578.70 | 10,207.39 | 113.96 | 6,565.72 | 4,334.28 | 10,900.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(2)a Regulatory Signs (Triangular 1039mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 452.80 | 0.00 | 0.00 | 0.00 | 452.80 | 452.80 | |
| L020 | Unskilled Labor | md | 2.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 816.40 | 0.00 | 0.00 | 0.00 | 816.40 | 816.40 | |
| W07201 | Traffic Sign Board (aluminum) | m2 | 4.67 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 64,446.00 | 0.00 | 41,589.90 | 22,556.10 | 64,446.00 | |
| W08706 | Steel Gas Pipe, φ80 | m | 37.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 10,878.00 | 0.00 | 6,526.80 | 4,351.20 | 10,878.00 | |
| W06003 | Zinc Rich Primer for Steel | kg | 1.13 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 422.62 | 0.00 | 274.70 | 147.92 | 422.62 | |
| W06021 | Phenol Resin Paint for Steel | kg | 1.22 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 331.84 | 0.00 | 215.70 | 116.14 | 331.84 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete 11K4m) | m2 | 12.57 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,708.52 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 383.65 | 468.91 | 468.91 | 383.65 | 852.56 | 1.0% |
| Total | | | | | | | | | | 5,771.65 | 79,323.28 | 1,013.49 | 50,769.75 | 35,338.68 | 86,108.43 | |
| Components (%) | | | | | | | | | | 6.7% | 92.1% | 1.2% | 59.0% | 41.0% | 100.0% | |
| Unit Rate | | | each | | | | | | | 577.11 | 7,931.55 | 101.34 | 5,076.48 | 3,533.52 | 8,610.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(2)b Regulatory Signs (Octagonal 600mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 452.80 | 0.00 | 0.00 | 0.00 | 452.80 | 452.80 | |
| L020 | Unskilled Labor | md | 2.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 816.40 | 0.00 | 0.00 | 0.00 | 816.40 | 816.40 | |
| W07201 | Traffic Sign Board (aluminum) | m2 | 2.98 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 41,124.00 | 0.00 | 26,730.60 | 14,393.40 | 41,124.00 | |
| W08706 | Steel Gas Pipe, φ80 | m | 34.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 9,996.00 | 0.00 | 5,997.60 | 3,998.40 | 9,996.00 | |
| W06003 | Zinc Rich Primer for Steel | kg | 1.04 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 388.96 | 0.00 | 252.82 | 136.14 | 388.96 | |
| W06021 | Phenol Resin Paint for Steel | kg | 1.12 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 304.64 | 0.00 | 198.02 | 106.62 | 304.64 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete 11K4m) | m2 | 12.57 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,708.52 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 274.46 | 335.45 | 335.45 | 274.46 | 609.91 | 1.0% |
| Total | | | | | | | | | | 5,771.65 | 54,949.23 | 880.04 | 34,908.23 | 26,692.69 | 61,600.92 | |
| Components (%) | | | | | | | | | | 9.4% | 89.2% | 1.4% | 56.7% | 43.3% | 100.0% | |
| Unit Rate | | | each | | | | | | | 577.16 | 5,494.84 | 88.00 | 3,498.77 | 2,669.23 | 6,160.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(2)c Regulatory Signs (Circular ϕ 600mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 452.80 | 0.00 | 0.00 | 0.00 | 452.80 | 452.80 | |
| L020 | Unskilled Labor | md | 2.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 816.40 | 0.00 | 0.00 | 0.00 | 816.40 | 816.40 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 2.83 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 39,054.00 | 0.00 | 25,385.10 | 13,668.90 | 39,054.00 | |
| M08706 | Steel Gas Pipe, ϕ 80 | m | 34.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 9,996.00 | 0.00 | 5,997.60 | 3,998.40 | 9,996.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.04 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 388.96 | 0.00 | 252.82 | 136.14 | 388.96 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.12 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 304.64 | 0.00 | 198.02 | 106.62 | 304.64 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete H<4m) | m2 | 12.57 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,790.54 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 265.14 | 324.07 | 324.07 | 265.14 | 589.21 | 1.0% |
| | Total | | | | | | | | | 5,771.65 | 52,869.91 | 868.65 | 33,551.35 | 25,958.87 | 59,510.22 | |
| | Components (%) | | | | | | | | | 9.7% | 88.8% | 1.5% | 56.4% | 43.6% | 100.0% | |
| | Unit Rate | each | | | | | | | | 577.07 | 5,286.08 | 86.85 | 3,354.56 | 2,595.44 | 5,950.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(2)d Regulatory Signs (Rectangular 450mmx750mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 452.80 | 0.00 | 0.00 | 0.00 | 452.80 | 452.80 | |
| L020 | Unskilled Labor | md | 2.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 816.40 | 0.00 | 0.00 | 0.00 | 816.40 | 816.40 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 3.38 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 46,644.00 | 0.00 | 30,318.60 | 16,325.40 | 46,644.00 | |
| M08706 | Steel Gas Pipe, ϕ 80 | m | 35.50 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 10,437.00 | 0.00 | 6,262.20 | 4,174.80 | 10,437.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.09 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 407.66 | 0.00 | 264.98 | 142.68 | 407.66 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.17 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 318.24 | 0.00 | 206.86 | 111.38 | 318.24 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete H<4m) | m2 | 12.57 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,790.54 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 301.43 | 368.41 | 368.41 | 301.43 | 669.84 | 1.0% |
| | Total | | | | | | | | | 5,771.65 | 80,969.50 | 913.00 | 38,814.79 | 28,839.36 | 67,654.15 | |
| | Components (%) | | | | | | | | | 8.5% | 90.1% | 1.3% | 57.4% | 42.6% | 100.0% | |
| | Unit Rate | each | | | | | | | | 577.56 | 6,101.08 | 91.36 | 3,884.11 | 2,885.89 | 6,770.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(3)a Informatory Signs (Rectangular 0.75mx1.00m, single post)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 452.80 | 0.00 | 0.00 | 0.00 | 452.80 | 452.80 | |
| L020 | Unskilled Labor | md | 2.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 816.40 | 0.00 | 0.00 | 0.00 | 816.40 | 816.40 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 7.50 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 103,500.00 | 0.00 | 67,275.00 | 36,225.00 | 103,500.00 | |
| M08706 | Steel Gas Pipe, φ80 | m | 38.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 11,172.00 | 0.00 | 6,703.20 | 4,468.80 | 11,172.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.16 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 434.84 | 0.00 | 282.00 | 151.84 | 434.84 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.25 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 340.00 | 0.00 | 221.00 | 119.00 | 340.00 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 58.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete H(4m) | m2 | 12.67 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,708.52 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 560.80 | 685.43 | 685.43 | 560.80 | 1,246.23 | 1.0% |
| | Total | | | | | | | | | 5,771.65 | 118,867.81 | 1,230.02 | 76,560.37 | 49,309.12 | 125,869.48 | |
| | Components (%) | | | | | | | | | 4.6% | 94.4% | 1.0% | 60.8% | 39.2% | 100.0% | |
| | Unit Rate | each | | | | | | | | 577.76 | 11,899.11 | 123.13 | 7,653.98 | 4,936.92 | 12,600.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(3)b Informatory Signs (Type A, double post)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 622.60 | 0.00 | 0.00 | 0.00 | 622.60 | 622.60 | |
| L020 | Unskilled Labor | md | 3.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,161.80 | 0.00 | 0.00 | 0.00 | 1,161.80 | 1,161.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 9.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 124,200.00 | 0.00 | 80,730.00 | 43,470.00 | 124,200.00 | |
| M08705 | Steel Gas Pipe, φ65 | m | 86.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 251.00 | 0.00 | 21,586.00 | 0.00 | 12,951.60 | 8,634.40 | 21,586.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 2.28 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 852.72 | 0.00 | 554.27 | 298.45 | 852.72 | |
| M06021 | Phenol Resin Paint for Steel | kg | 2.46 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 669.12 | 0.00 | 434.93 | 234.19 | 669.12 | |
| W0109 | Excavation, Manpower | m3 | 26.55 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 3,504.60 | 0.00 | 0.00 | 0.00 | 3,504.60 | 3,504.60 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 2.51 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 118.13 | 27.92 | 112.48 | 79.21 | 179.32 | 258.53 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 24.04 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 1,434.12 | 103.76 | 298.79 | 229.80 | 1,606.86 | 1,836.66 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.56 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 95.14 | 3,309.42 | 614.64 | 2,286.78 | 1,732.42 | 4,019.20 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 2.51 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 551.22 | 1.10 | 9.92 | 6.06 | 556.18 | 562.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 2.51 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 15.75 | 1.94 | 4.52 | 3.55 | 18.66 | 22.21 | |
| W0240 | Formwork (plain concrete H(4m) | m2 | 25.13 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 3,283.69 | 2,251.41 | 43.76 | 163.98 | 5,414.88 | 5,578.86 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 741.94 | 906.81 | 906.81 | 741.94 | 1,648.75 | 1.0% |
| | Total | | | | | | | | | 10,787.05 | 153,745.33 | 1,990.91 | 98,347.00 | 68,176.28 | 166,523.29 | |
| | Components (%) | | | | | | | | | 6.5% | 92.3% | 1.2% | 59.1% | 40.9% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,081.79 | 15,418.55 | 199.66 | 9,862.85 | 6,837.15 | 16,700.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(3)c Informatory Signs (Type B, double post)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|------------|------------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 622.60 | 0.00 | 0.00 | 0.00 | 622.60 | 622.60 | |
| L020 | Unskilled Labor | md | 3.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,161.80 | 0.00 | 0.00 | 0.00 | 1,161.80 | 1,161.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 30.15 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 416,070.00 | 0.00 | 270,445.50 | 145,624.50 | 416,070.00 | |
| M08707 | Steel Gas Pipe, ø100 | m | 123.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 410.00 | 0.00 | 50,430.00 | 0.00 | 30,258.00 | 20,172.00 | 50,430.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 5.02 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 1,877.48 | 0.00 | 1,220.36 | 657.12 | 1,877.48 | |
| M06021 | Phenol Resin Paint for Steel | kg | 5.41 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 1,471.52 | 0.00 | 956.49 | 515.03 | 1,471.52 | |
| W0109 | Excavation, Manpower | m3 | 26.55 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 3,504.60 | 0.00 | 0.00 | 0.00 | 3,504.60 | 3,504.60 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 2.51 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 118.13 | 27.92 | 112.48 | 79.21 | 179.32 | 258.53 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 24.04 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 1,434.12 | 103.76 | 298.79 | 229.80 | 1,606.86 | 1,836.66 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.56 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 95.14 | 3,309.42 | 614.64 | 2,286.78 | 1,732.42 | 4,019.20 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 2.51 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 551.22 | 1.10 | 9.92 | 6.06 | 556.18 | 562.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 2.51 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 15.75 | 1.94 | 4.52 | 3.55 | 18.66 | 22.21 | |
| W0240 | Formwork (plain concrete H<4m) | m2 | 25.13 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 3,283.59 | 2,251.41 | 43.76 | 163.98 | 5,414.88 | 5,578.86 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 2,193.37 | 2,680.79 | 2,680.79 | 2,193.37 | 4,874.16 | 1.0% |
| | Total | | | | | | | | | 10,787.05 | 477,737.92 | 3,764.89 | 308,330.53 | 183,959.33 | 492,289.86 | |
| | Components (%) | | | | | | | | | 2.2% | 97.0% | 0.8% | 62.6% | 37.4% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,078.07 | 47,745.66 | 376.27 | 30,814.90 | 18,385.10 | 49,200.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(3)d Informatory Signs (Type C, double post)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|------------|------------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 622.60 | 0.00 | 0.00 | 0.00 | 622.60 | 622.60 | |
| L020 | Unskilled Labor | md | 3.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,161.80 | 0.00 | 0.00 | 0.00 | 1,161.80 | 1,161.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 50.25 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 693,450.00 | 0.00 | 450,742.50 | 242,707.50 | 693,450.00 | |
| M08708 | Steel Gas Pipe, ø125 | m | 127.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 503.00 | 0.00 | 63,881.00 | 0.00 | 38,328.60 | 25,552.40 | 63,881.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 6.48 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 2,423.52 | 0.00 | 1,575.29 | 848.23 | 2,423.52 | |
| M06021 | Phenol Resin Paint for Steel | kg | 6.98 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 1,898.56 | 0.00 | 1,234.06 | 664.50 | 1,898.56 | |
| W0109 | Excavation, Manpower | m3 | 33.09 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 4,367.88 | 0.00 | 0.00 | 0.00 | 4,367.88 | 4,367.88 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 3.40 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 160.02 | 37.83 | 152.36 | 107.30 | 242.90 | 350.20 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 29.69 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 1,771.17 | 128.14 | 369.01 | 283.81 | 1,984.51 | 2,268.32 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 3.47 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 128.96 | 4,485.82 | 833.12 | 3,099.66 | 2,348.24 | 5,447.90 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 3.40 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 746.67 | 1.49 | 13.44 | 8.21 | 753.39 | 761.60 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 3.40 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 21.34 | 2.62 | 6.12 | 4.81 | 25.28 | 30.09 | |
| W0240 | Formwork (plain concrete H<4m) | m2 | 32.04 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 4,186.61 | 2,870.48 | 55.79 | 209.07 | 6,903.81 | 7,112.88 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 3,526.99 | 4,310.77 | 4,310.77 | 3,526.99 | 7,837.76 | 1.0% |
| | Total | | | | | | | | | 13,167.04 | 772,706.46 | 5,740.61 | 499,904.09 | 291,710.02 | 791,614.11 | |
| | Components (%) | | | | | | | | | 1.7% | 97.6% | 0.7% | 63.1% | 36.9% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,317.35 | 77,308.31 | 574.34 | 50,014.78 | 29,185.22 | 79,200.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(3)e Informatory Signs (Type D, double post)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|--------------|-----------|------------|------------|--------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 622.60 | 0.00 | 0.00 | 0.00 | 622.60 | 622.60 | |
| L020 | Unskilled Labor | md | 3.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,161.80 | 0.00 | 0.00 | 0.00 | 1,161.80 | 1,161.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 70.35 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 970,830.00 | 0.00 | 631,039.50 | 339,790.50 | 970,830.00 | |
| M08709 | Steel Gas Pipe, φ150 | m | 133.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 707.00 | 0.00 | 94,031.00 | 0.00 | 56,418.60 | 37,612.40 | 94,031.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 8.15 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 3,048.10 | 0.00 | 1,981.27 | 1,066.81 | 3,048.10 | |
| M06021 | Phenol Resin Paint for Steel | kg | 8.77 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 2,385.44 | 0.00 | 1,550.54 | 834.90 | 2,385.44 | |
| W0109 | Excavation, Manpower | m3 | 42.94 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 5,668.08 | 0.00 | 0.00 | 0.00 | 5,668.08 | 5,668.08 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 4.77 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 224.49 | 53.07 | 213.75 | 150.54 | 340.77 | 491.31 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 38.17 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 2,277.04 | 164.74 | 474.40 | 364.87 | 2,551.32 | 2,916.19 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 4.87 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 180.99 | 6,295.65 | 1,169.25 | 4,350.24 | 3,295.66 | 7,645.90 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 4.77 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 1,047.53 | 2.10 | 18.86 | 11.52 | 1,056.96 | 1,068.48 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 4.77 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 29.94 | 3.68 | 8.59 | 6.75 | 35.46 | 42.21 | |
| W0240 | Formwork (plain concrete 11x4m) | m2 | 42.41 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 5,541.64 | 3,799.54 | 73.84 | 276.74 | 9,138.28 | 9,415.02 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 4,946.97 | 6,046.29 | 6,046.29 | 4,946.97 | 10,993.26 | 1.0% |
| | Total | | | | | | | | | 16,754.12 | 1,085,560.28 | 8,004.99 | 702,196.86 | 408,122.53 | 1,110,319.39 | |
| | Components (%) | | | | | | | | | 1.5% | 97.8% | 0.7% | 63.2% | 36.8% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,674.93 | 108,524.90 | 800.27 | 70,199.49 | 40,800.51 | 111,000.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(3)f Informatory Signs (Type E, triple post)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|------------|------------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 679.20 | 0.00 | 0.00 | 0.00 | 679.20 | 679.20 | |
| L020 | Unskilled Labor | md | 4.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,318.80 | 0.00 | 0.00 | 0.00 | 1,318.80 | 1,318.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 33.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 455,400.00 | 0.00 | 296,010.00 | 159,390.00 | 455,400.00 | |
| M08707 | Steel Gas Pipe, φ100 | m | 249.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 410.00 | 0.00 | 102,090.00 | 0.00 | 61,254.00 | 40,836.00 | 102,090.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 10.17 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 3,803.58 | 0.00 | 2,472.33 | 1,331.25 | 3,803.58 | |
| M06021 | Phenol Resin Paint for Steel | kg | 10.95 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 2,978.40 | 0.00 | 1,935.96 | 1,042.44 | 2,978.40 | |
| W0109 | Excavation, Manpower | m3 | 39.82 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 5,256.24 | 0.00 | 0.00 | 0.00 | 5,256.24 | 5,256.24 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 3.77 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 177.43 | 41.94 | 168.94 | 118.98 | 269.33 | 388.31 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 36.05 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 2,150.57 | 155.59 | 448.05 | 344.61 | 2,409.61 | 2,754.22 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 3.85 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 143.08 | 4,977.06 | 924.36 | 3,439.10 | 2,605.40 | 6,044.50 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 3.77 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 827.92 | 1.66 | 14.90 | 9.11 | 835.37 | 844.48 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 3.77 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 23.66 | 2.91 | 6.79 | 5.34 | 28.02 | 33.36 | |
| W0240 | Formwork (plain concrete 11x4m) | m2 | 37.70 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 4,926.19 | 3,377.56 | 65.64 | 246.01 | 8,123.39 | 8,369.40 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 2,654.82 | 3,244.78 | 3,244.78 | 2,654.82 | 5,899.60 | 1.0% |
| | Total | | | | | | | | | 15,503.10 | 575,483.52 | 4,873.47 | 369,080.21 | 226,779.89 | 595,860.09 | |
| | Components (%) | | | | | | | | | 2.6% | 96.6% | 0.8% | 61.9% | 38.1% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,550.67 | 67,561.86 | 487.46 | 36,916.69 | 22,682.31 | 59,600.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(3)g Informatory Signs (Type F, triple post)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|-----------|----------------|-----------|------------|------------|--------------|-----------|
| | | | | Component (%) | | | | | | Labor | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 679.20 | 0.00 | 0.00 | 0.00 | 679.20 | 679.20 | |
| L020 | Unskilled Labor | md | 4.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,318.80 | 0.00 | 0.00 | 0.00 | 1,318.80 | 1,318.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 66.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 910,800.00 | 0.00 | 592,020.00 | 318,780.00 | 910,800.00 | |
| M08708 | Steel Gas Pipe, φ125 | m | 255.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 503.00 | 0.00 | 128,265.00 | 0.00 | 76,959.00 | 51,306.00 | 128,265.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 13.02 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 4,869.48 | 0.00 | 3,165.16 | 1,704.32 | 4,869.48 | |
| M06021 | Phenol Resin Paint for Steel | kg | 14.02 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 3,813.44 | 0.00 | 2,478.74 | 1,334.70 | 3,813.44 | |
| W0109 | Excavation, Manpower | m3 | 49.64 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 6,552.48 | 0.00 | 0.00 | 0.00 | 6,552.48 | 6,552.48 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 5.11 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 240.49 | 56.85 | 228.99 | 161.27 | 365.06 | 526.33 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 44.53 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 2,658.45 | 192.19 | 553.45 | 425.67 | 2,976.42 | 3,402.09 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 5.21 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 193.63 | 6,735.19 | 1,250.89 | 4,653.95 | 3,525.75 | 8,179.70 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 5.11 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 1,122.20 | 2.24 | 20.20 | 12.34 | 1,132.30 | 1,144.64 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 5.11 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 32.07 | 3.94 | 9.20 | 7.23 | 37.99 | 45.22 | |
| W0240 | Formwork (plain concrete W<4m) | m2 | 48.07 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 6,281.22 | 4,306.62 | 83.70 | 313.68 | 10,357.86 | 10,671.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 4,861.21 | 5,941.47 | 5,941.47 | 4,861.21 | 10,802.68 | 1.0% |
| Total | | | | | | | | | | 19,076.54 | 1,063,906.16 | 8,087.90 | 686,138.51 | 404,932.09 | 1,091,070.60 | |
| Components (%) | | | | | | | | | | 1.7% | 97.5% | 0.7% | 62.9% | 37.1% | 100.0% | |
| Unit Rate | | | each | | | | | | | 1,905.78 | 106,286.22 | 808.00 | 68,546.52 | 40,453.48 | 109,000.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(3)h Informatory Signs (Type G, triple post)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|-----------|----------------|-----------|--------------|------------|--------------|-----------|
| | | | | Component (%) | | | | | | Labor | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 679.20 | 0.00 | 0.00 | 0.00 | 679.20 | 679.20 | |
| L020 | Unskilled Labor | md | 4.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,318.80 | 0.00 | 0.00 | 0.00 | 1,318.80 | 1,318.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 109.20 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 1,506,960.00 | 0.00 | 979,524.00 | 527,436.00 | 1,506,960.00 | |
| M08709 | Steel Gas Pipe, φ150 | m | 255.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 707.00 | 0.00 | 180,285.00 | 0.00 | 108,171.00 | 72,114.00 | 180,285.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 15.62 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 5,841.88 | 0.00 | 3,797.22 | 2,044.66 | 5,841.88 | |
| M06021 | Phenol Resin Paint for Steel | kg | 16.82 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 4,575.04 | 0.00 | 2,973.78 | 1,601.26 | 4,575.04 | |
| W0109 | Excavation, Manpower | m3 | 64.41 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 8,502.12 | 0.00 | 0.00 | 0.00 | 8,502.12 | 8,502.12 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 7.16 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 336.97 | 79.66 | 320.85 | 225.97 | 511.51 | 737.48 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 57.25 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 3,415.27 | 247.09 | 711.54 | 547.26 | 3,826.64 | 4,373.90 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 7.30 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 271.30 | 9,437.02 | 1,752.68 | 6,526.90 | 4,940.10 | 11,461.00 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 7.16 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 1,572.39 | 3.14 | 28.30 | 17.30 | 1,586.64 | 1,603.84 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 7.16 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 44.94 | 5.53 | 12.90 | 10.13 | 53.24 | 63.37 | |
| W0240 | Formwork (plain concrete W<4m) | m2 | 63.62 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 8,313.12 | 5,699.75 | 110.77 | 415.15 | 13,708.49 | 14,123.64 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 7,832.36 | 9,572.89 | 9,572.89 | 7,832.36 | 17,405.25 | 1.0% |
| Total | | | | | | | | | | 24,454.11 | 1,720,966.47 | 12,509.94 | 1,111,775.58 | 646,154.94 | 1,757,930.52 | |
| Components (%) | | | | | | | | | | 1.4% | 97.9% | 0.7% | 63.2% | 36.6% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,445.29 | 172,299.24 | 1,252.47 | 111,308.44 | 64,691.56 | 176,000.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(4)a Special Signs (750x600mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Total (P) | Remarks | |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|-----------|----------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | | |
| L002 | Foreman | md | 1.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 679.20 | 0.00 | 0.00 | 0.00 | 0.00 | 679.20 | 679.20 | |
| L020 | Unskilled Labor | md | 4.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,318.80 | 0.00 | 0.00 | 0.00 | 0.00 | 1,318.80 | 1,318.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 4.50 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 62,100.00 | 0.00 | 40,365.00 | 21,735.00 | 82,100.00 | 82,100.00 | |
| M08706 | Steel Gas Pipe, φ80 | m | 34.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 9,996.00 | 0.00 | 5,997.60 | 3,998.40 | 9,996.00 | 9,996.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.04 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 388.96 | 0.00 | 252.82 | 136.14 | 388.96 | 388.96 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.12 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 304.64 | 0.00 | 198.02 | 106.62 | 304.64 | 304.64 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | 11.15 | |
| W0240 | Formwork (plain concrete H<4m) | m2 | 12.57 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,708.52 | 2,790.54 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 372.13 | 454.83 | 454.83 | 372.13 | 826.96 | 826.96 | 1.0% |
| Total | | | | | | | | | | 6,500.45 | 76,022.90 | 999.41 | 48,662.01 | 34,860.76 | 83,522.77 | 83,522.77 | |
| Components (%) | | | | | | | | | | 7.8% | 91.0% | 1.2% | 58.3% | 41.7% | 100.0% | 100.0% | |
| Unit Rate | | | each | | | | | | | 649.87 | 7,600.22 | 99.91 | 4,864.87 | 3,485.13 | 8,350.00 | 8,350.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(4)b Special Signs (600x880mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Total (PP) | Remarks | |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|-----------|----------------|-----------|-----------|-----------|-----------|------------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | | |
| L002 | Foreman | md | 1.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 679.20 | 0.00 | 0.00 | 0.00 | 0.00 | 679.20 | 679.20 | |
| L020 | Unskilled Labor | md | 4.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,318.80 | 0.00 | 0.00 | 0.00 | 0.00 | 1,318.80 | 1,318.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 5.28 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 72,864.00 | 0.00 | 47,361.60 | 25,502.40 | 72,864.00 | 72,864.00 | |
| M08706 | Steel Gas Pipe, φ80 | m | 36.80 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 10,819.20 | 0.00 | 6,491.52 | 4,327.68 | 10,819.20 | 10,819.20 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.13 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 422.62 | 0.00 | 274.70 | 147.92 | 422.62 | 422.62 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.21 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 329.12 | 0.00 | 213.93 | 115.19 | 329.12 | 329.12 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | 11.15 | |
| W0240 | Formwork (plain concrete H<4m) | m2 | 12.57 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,708.52 | 2,790.54 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 424.54 | 518.88 | 518.88 | 424.54 | 943.41 | 943.41 | 1.0% |
| Total | | | | | | | | | | 6,500.45 | 87,720.84 | 1,063.46 | 56,254.37 | 39,030.19 | 95,284.56 | 95,284.56 | |
| Components (%) | | | | | | | | | | 8.8% | 92.1% | 1.1% | 59.0% | 41.0% | 100.0% | 100.0% | |
| Unit Rate | | | each | | | | | | | 650.15 | 8,773.49 | 106.36 | 5,626.35 | 3,903.65 | 9,530.00 | 9,530.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(4)e Special Signs (900x550mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------|----------------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Labor | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 679.20 | 0.00 | 0.00 | 0.00 | 679.20 | 679.20 | |
| L020 | Unskilled Labor | md | 4.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,318.80 | 0.00 | 0.00 | 0.00 | 1,318.80 | 1,318.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 4.95 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 68,310.00 | 0.00 | 44,401.50 | 23,908.50 | 68,310.00 | |
| M08706 | Steel Gas Pipe, φ80 | m | 33.50 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 9,849.00 | 0.00 | 5,909.40 | 3,939.60 | 9,849.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.03 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 385.22 | 0.00 | 250.39 | 134.83 | 385.22 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.10 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 299.20 | 0.00 | 194.48 | 104.72 | 299.20 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete W4m) | m2 | 12.57 | 58.3% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,708.52 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 399.17 | 488.12 | 488.12 | 399.37 | 887.50 | 1.0% |
| | Total | | | | | | | | | 6,500.45 | 82,103.96 | 1,032.71 | 52,637.64 | 36,999.49 | 89,637.13 | |
| | Components (%) | | | | | | | | | 7.3% | 91.6% | 1.2% | 58.7% | 41.3% | 100.0% | |
| | Unit Rate | each | | | | | | | | 649.78 | 8,207.00 | 103.23 | 5,261.58 | 3,698.42 | 8,960.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

605(4)d Special Signs (850x750mm)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------|----------------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Labor | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 679.20 | 0.00 | 0.00 | 0.00 | 679.20 | 679.20 | |
| L020 | Unskilled Labor | md | 4.20 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,318.80 | 0.00 | 0.00 | 0.00 | 1,318.80 | 1,318.80 | |
| M07201 | Traffic Sign Board (aluminum) | m2 | 6.38 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 13,800.00 | 0.00 | 88,044.00 | 0.00 | 57,228.60 | 30,815.40 | 88,044.00 | |
| M08706 | Steel Gas Pipe, φ80 | m | 35.50 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 10,437.00 | 0.00 | 6,262.20 | 4,174.80 | 10,437.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.09 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 407.66 | 0.00 | 264.98 | 142.68 | 407.66 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.17 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 318.24 | 0.00 | 206.86 | 111.38 | 318.24 | |
| W0109 | Excavation, Manpower | m3 | 13.27 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 1,751.64 | 0.00 | 0.00 | 0.00 | 1,751.64 | 1,751.64 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.26 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 59.30 | 14.02 | 56.46 | 39.76 | 90.02 | 129.78 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 12.01 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 716.46 | 51.84 | 149.27 | 114.80 | 802.76 | 917.56 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.29 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 47.94 | 1,667.64 | 309.72 | 1,152.32 | 872.98 | 2,025.30 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 1.26 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 276.71 | 0.55 | 4.98 | 3.04 | 279.20 | 282.24 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 1.26 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 7.91 | 0.97 | 2.27 | 1.78 | 9.37 | 11.15 | |
| W0240 | Formwork (plain concrete W4m) | m2 | 12.57 | 58.3% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 1,642.50 | 1,126.15 | 21.89 | 82.02 | 2,708.52 | 2,790.54 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 491.01 | 600.12 | 600.12 | 491.01 | 1,091.13 | 1.0% |
| | Total | | | | | | | | | 6,500.45 | 102,559.08 | 1,144.71 | 65,956.50 | 44,247.74 | 110,204.24 | |
| | Components (%) | | | | | | | | | 5.9% | 93.1% | 1.0% | 59.8% | 40.2% | 100.0% | |
| | Unit Rate | each | | | | | | | | 648.84 | 10,236.90 | 114.26 | 6,583.43 | 4,416.57 | 11,000.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

607(2)a ReflectORIZED Pavement Studs (Raised Profile Type, one face reflective)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|--------|----------------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Labor | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | |
| L020 | Unskilled Labor | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 345.40 | 0.00 | 0.00 | 0.00 | 345.40 | 345.40 | |
| M07401 | ReflectORIZED Pavement Stud (one side reflective) | each | 10.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 717.00 | 0.00 | 7,170.00 | 0.00 | 4,302.00 | 2,868.00 | 7,170.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 50.0% | 50.0% | 55.0% | 45.0% | | 0.00 | 112.73 | 112.73 | 124.00 | 101.46 | 225.46 | 3.0% |
| | Total | | | | | | | | | 345.40 | 7,282.73 | 112.73 | 4,426.00 | 3,314.86 | 7,740.86 | |
| | Components (%) | | | | | | | | | 4.5% | 94.1% | 1.5% | 57.2% | 42.8% | 100.0% | |
| | Unit Rate | each | | | | | | | | 34.54 | 728.19 | 11.27 | 442.55 | 331.45 | 774.00 | |

Miscellaneous covers the cost for mortar, cutter, minor tools, etc.

607(2)b ReflectORIZED Pavement Studs (Raised Profile Type, two faces reflective)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Amount | | | | | | Remarks |
|----------------|--|------|----------|---------------|--------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | Component (PP) | | | | | Total (PP) | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L020 | Unskilled Labor | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 345.40 | 0.00 | 0.00 | 0.00 | 345.40 | 345.40 | |
| M07402 | ReflectORIZED Pavement Stud (two sides reflective) | each | 10.00 | 0.0% | 100.0% | 0.0% | 50.0% | 40.0% | 776.00 | 0.00 | 7,760.00 | 0.00 | 4,656.00 | 3,104.00 | 7,760.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 50.0% | 50.0% | 50.0% | 50.0% | 0.00 | 0.00 | 121.58 | 121.58 | 121.58 | 121.58 | 243.16 | 3.0% |
| Total | | | | | | | | | | 345.40 | 7,881.58 | 121.58 | 4,777.58 | 3,570.98 | 8,348.56 | |
| Components (%) | | | | | | | | | | 4.1% | 94.4% | 1.5% | 57.2% | 42.8% | 100.0% | |
| Unit Rate | | | each | | | | | | | 34.55 | 788.39 | 12.16 | 477.84 | 357.16 | 835.00 | |

Miscellaneous covers the cost for mortar, cutter, minor tools, etc.

607(3) Chatter Bars (one side reflective)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Amount | | | | | | Remarks |
|----------------|-----------------|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|----------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | Component (PP) | | | | | Total (PP) | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L020 | Unskilled Labor | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 345.40 | 0.00 | 0.00 | 0.00 | 345.40 | 345.40 | |
| M07405 | Chatter Bar | each | 10.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 1,740.00 | 0.00 | 17,400.00 | 0.00 | 10,440.00 | 6,960.00 | 17,400.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 50.0% | 50.0% | 50.0% | 50.0% | 0.00 | 0.00 | 266.18 | 266.18 | 266.18 | 266.18 | 532.36 | 3.0% |
| Total | | | | | | | | | | 345.40 | 17,666.18 | 266.18 | 10,706.18 | 7,571.58 | 18,277.76 | |
| Components (%) | | | | | | | | | | 1.9% | 96.7% | 1.5% | 58.6% | 41.4% | 100.0% | |
| Unit Rate | | | each | | | | | | | 34.58 | 1,768.77 | 26.65 | 1,071.92 | 758.08 | 1,830.00 | |

Miscellaneous covers the cost for mortar, cutter, minor tools, etc.

608(1) Furnishing and Placing Top Soil for Plantation

Unit: 10.00 m3

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Amount | | | | | | Remarks |
|----------------|--|------|----------|---------------|--------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|------------|
| | | | | Component (%) | | | | | Total (PP) | Component (PP) | | | | | Total (PP) | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| M03001 | Quarry Royalty (Borrow Soil) | m3 | 12.00 | 0.0% | 100.0% | 0.0% | 0.0% | 100.0% | 15.00 | 0.00 | 180.00 | 0.00 | 0.00 | 180.00 | 180.00 | Less 20.0% |
| R0102-001 | Backhoe, hydraulic, crawler, 0.6m3 | hr | 0.28 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 1,740.00 | 21.44 | 40.92 | 424.84 | 257.62 | 229.58 | 487.20 | |
| R0601-006 | Dump Truck, 6.0-9.0 cu-yds (4.6-6.9m3) | hr | 3.54 | 10.0% | 17.9% | 72.1% | 50.8% | 49.2% | 603.00 | 213.46 | 382.10 | 1,538.06 | 1,083.92 | 1,050.70 | 2,134.62 | |
| L020 | Unskilled Labor | md | 1.90 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 596.60 | 0.00 | 0.00 | 0.00 | 596.60 | 596.60 | |
| | Miscellaneous | LS | 1.00 | 5.0% | 30.0% | 65.0% | 50.0% | 50.0% | 0.00 | 3.40 | 20.39 | 44.18 | 33.98 | 33.98 | 67.97 | 2.0% |
| Total | | | | | | | | | | 834.90 | 623.41 | 2,008.08 | 1,375.53 | 2,090.86 | 3,464.39 | |
| Components (%) | | | | | | | | | | 24.1% | 18.0% | 57.9% | 39.7% | 60.3% | 100.0% | |
| Unit Rate | | | m3 | | | | | | | 83.58 | 62.41 | 201.02 | 137.70 | 209.30 | 347.00 | |

Miscellaneous covers the costs for screening, sieving, selection of soil, compaction, etc.

$Q = 3600 \cdot q \cdot E / C_m$ (Backhoe) $Q = q \cdot f \cdot E / C_m$ (Dump Truck)
 Q : Excavation Volume per hour = 42.48 m3/hr Q : Transportation Volume per hour = 3.39 m3/hr
 q : Excavation Volume per Cycle = 0.59 m3 q : Loading Capacity of a Truck = 6.70 m3
 f : Volume Coefficient = 1.00 f : Volume Coefficient = 1.00
 E : Efficiency = 0.60 E : Efficiency = 0.90
 C_m : Cycle Time = 30.00 sec C_m : Cycle Time = $A + 2 \cdot L / V$ = 1.78 hr
 V : Vehicle speed = 30.00 km/hr
 a : Loading time = 0.27 hr
 L : Average Distance from Quarry = 22.60 km

Unskilled labor for filling work

610(1) Sodding

Unit: 100.00 m2

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Amount | | | | | | Remarks |
|----------------|-----------------|------|----------|---------------|--------|--------|-------|--------|------------|----------------|----------|-----------|---------|----------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | Component (PP) | | | | | Total (PP) | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 339.60 | 0.00 | 0.00 | 0.00 | 339.60 | 339.60 | |
| L020 | Unskilled Labor | md | 6.40 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 2,009.60 | 0.00 | 0.00 | 0.00 | 2,009.60 | 2,009.60 | |
| M11111 | Sod | m2 | 100.00 | 0.0% | 100.0% | 0.0% | 7.0% | 93.0% | 29.40 | 0.00 | 2,940.00 | 0.00 | 205.80 | 2,734.20 | 2,940.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 50.0% | 50.0% | 50.0% | 50.0% | 0.00 | 0.00 | 105.78 | 105.78 | 105.78 | 105.78 | 211.57 | 4.0% |
| Total | | | | | | | | | | 2,349.20 | 3,045.78 | 105.78 | 311.58 | 5,189.18 | 5,500.77 | |
| Components (%) | | | | | | | | | | 42.7% | 55.4% | 1.9% | 5.7% | 94.3% | 100.0% | |
| Unit Rate | | | m2 | | | | | | | 23.49 | 30.45 | 1.06 | 3.12 | 51.88 | 55.00 | |

Miscellaneous covers the cost for pins, minor tools, minor materials, etc.

611(1)a Trees (Furnishing and Transplanting) Low Tree H≤1.5m

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|-----------------------------------|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------------|---------------|---------------|-----------------|-----------------|------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| M11002 | Tree H=1m | each | 10.00 | 0.0% | 100.0% | 0.0% | 7.0% | 93.0% | 215.00 | 0.00 | 2,150.00 | 0.00 | 150.50 | 1,999.50 | 2,150.00 | |
| W0911 | Digging Out Tree, Low Tree H≤1.5m | each | 10.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 18.60 | 186.00 | 0.00 | 0.00 | 0.00 | 186.00 | 186.00 | |
| W0921 | Tree Haulage, Low Tree H≤1.5m | each | 10.00 | 13.5% | 19.3% | 67.2% | 49.0% | 51.0% | 23.20 | 31.32 | 44.78 | 155.90 | 113.66 | 118.34 | 232.00 | |
| W0931 | Tree Planting, Low Tree H≤1.5m | each | 10.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 9.11 | 91.10 | 0.00 | 0.00 | 0.00 | 91.10 | 91.10 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 308.42 | 2,194.78 | 155.90 | 264.16 | 2,394.94 | 2,659.10 | |
| | Components (%) | | | | | | | | | 11.6% | 82.5% | 5.9% | 9.9% | 90.1% | 100.0% | |
| | Unit Rate | each | | | | | | | | 30.85 | 219.55 | 15.60 | 26.43 | 239.57 | 266.00 | |

611(1)b Trees (Furnishing and Transplanting) Medium Tree 1.5m<H≤3.0m

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------------|---------------|---------------|-----------------|-----------------|------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| M11003 | Tree H=1.5m | each | 10.00 | 0.0% | 100.0% | 0.0% | 7.0% | 93.0% | 503.00 | 0.00 | 5,030.00 | 0.00 | 352.10 | 4,677.90 | 5,030.00 | |
| W0912 | Digging Out Tree, Medium Tree 1.5m<H≤3.0m | each | 10.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 35.70 | 357.00 | 0.00 | 0.00 | 0.00 | 357.00 | 357.00 | |
| W0922 | Tree Haulage, Medium Tree 1.5m<H≤3.0m | each | 10.00 | 13.5% | 19.3% | 67.2% | 49.0% | 51.0% | 45.60 | 61.56 | 88.01 | 306.43 | 223.40 | 232.60 | 456.00 | |
| W0932 | Tree Planting, Medium Tree 1.5m<H≤3.0m | each | 10.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 27.20 | 272.00 | 0.00 | 0.00 | 0.00 | 272.00 | 272.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 690.56 | 5,118.01 | 306.43 | 575.50 | 5,539.50 | 6,115.00 | |
| | Components (%) | | | | | | | | | 11.3% | 83.7% | 5.0% | 9.4% | 90.4% | 100.0% | |
| | Unit Rate | each | | | | | | | | 69.11 | 512.22 | 30.67 | 57.60 | 554.48 | 612.00 | |

611(1)c Trees (Furnishing and Transplanting) High Tree (young tree) 1.5m<H≤3.0m

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|--|------|----------|---------------|--------|--------|-------|--------|------------|-----------------|-----------------|---------------|---------------|-----------------|------------------|------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| M11004 | Tree H=2m | each | 10.00 | 0.0% | 100.0% | 0.0% | 7.0% | 93.0% | 838.00 | 0.00 | 8,380.00 | 0.00 | 586.60 | 7,793.40 | 8,380.00 | |
| W0913 | Digging Out Tree, High Tree (young tree) 1.5m<H≤3.0m | each | 10.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 63.00 | 630.00 | 0.00 | 0.00 | 0.00 | 630.00 | 630.00 | |
| W0923 | Tree Haulage, High Tree (young tree) 1.5m<H≤3.0m | each | 10.00 | 13.5% | 19.3% | 67.2% | 49.0% | 51.0% | 78.10 | 105.44 | 150.73 | 524.83 | 382.63 | 398.37 | 781.00 | |
| W0933 | Tree Planting, High Tree (young tree) 1.5m<H≤3.0m | each | 10.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 113.00 | 1,130.00 | 0.00 | 0.00 | 0.00 | 1,130.00 | 1,130.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 1,865.44 | 8,530.73 | 524.83 | 969.23 | 9,951.77 | 10,921.00 | |
| | Components (%) | | | | | | | | | 17.1% | 78.1% | 4.8% | 8.9% | 91.1% | 100.0% | |
| | Unit Rate | each | | | | | | | | 186.18 | 851.43 | 52.38 | 96.74 | 993.26 | 1,090.00 | |

611(2)a Trees (Transplanting) Low Tree H≤1.5m

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|-----------------------------------|------|----------|---------------|-------|--------|-------|--------|------------|----------------|--------------|---------------|---------------|---------------|---------------|-------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0911 | Digging Out Tree, Low Tree H≤1.5m | each | 10.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 18.60 | 186.00 | 0.00 | 0.00 | 0.00 | 186.00 | 186.00 | |
| W0921 | Tree Haulage, Low Tree H≤1.5m | each | 10.00 | 13.5% | 19.3% | 67.2% | 49.0% | 51.0% | 23.20 | 31.32 | 44.78 | 155.90 | 113.66 | 118.34 | 232.00 | |
| W0931 | Tree Planting, Low Tree H≤1.5m | each | 10.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 9.11 | 91.10 | 0.00 | 0.00 | 0.00 | 91.10 | 91.10 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 50.91 | 10.0% |
| | Total | | | | | | | | | 308.42 | 44.78 | 155.90 | 113.66 | 395.44 | 560.01 | |
| | Components (%) | | | | | | | | | 55.1% | 8.0% | 27.8% | 20.3% | 70.6% | 100.0% | |
| | Unit Rate | each | | | | | | | | 30.84 | 4.48 | 15.59 | 11.37 | 39.54 | 56.00 | |

Miscellaneous covers the cost for storage, maintenance, fertilizer, etc.

611(2)b Trees (Transplanting) Medium Tree 1.5m<H≤3.0m

Unit: 100.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Remarks | |
|----------|---|------|----------|---------------|-------|--------|-------|--------|------------|-----------------|---------------|-----------------|-----------------|-----------------|------------------|-------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0912 | Digging Out Tree, Medium Tree 1.5m<H≤3.0m | each | 100.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 35.70 | 3,570.00 | 0.00 | 0.00 | 0.00 | 3,570.00 | 3,570.00 | |
| W0922 | Tree Haulage, Medium Tree 1.5m<H≤3.0m | each | 100.00 | 13.5% | 19.3% | 67.2% | 49.0% | 51.0% | 45.60 | 615.60 | 880.08 | 3,064.32 | 2,234.02 | 2,325.98 | 4,560.00 | |
| W0932 | Tree Planting, Medium Tree 1.5m<H≤3.0m | each | 100.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 27.20 | 2,720.00 | 0.00 | 0.00 | 0.00 | 2,720.00 | 2,720.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1,085.00 | 10.0% |
| | Total | | | | | | | | | 6,905.60 | 880.08 | 3,064.32 | 2,234.02 | 8,615.98 | 11,935.00 | |
| | Components (%) | | | | | | | | | 57.9% | 7.4% | 25.7% | 18.7% | 72.2% | 100.0% | |
| | Unit Rate | each | | | | | | | | 68.85 | 8.77 | 30.55 | 22.27 | 85.91 | 119.00 | |

Miscellaneous covers the cost for storage, maintenance, fertilizer, etc.

611(2)c Trees (Transplanting) High Tree (young tree) 1.5m < H ≤ 3.0m

Unit: 100.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|-------------|----------|---------------|-------|--------|-------|--------|------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0913 | Digging Out Tree, High Tree (young tree) 1.5m < H ≤ 3.0m | each | 100.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 63.00 | 6,300.00 | 0.00 | 0.00 | 0.00 | 6,300.00 | 6,300.00 | |
| W0923 | Tree Haulage, High Tree (young tree) 1.5m < H ≤ 3.0m | each | 100.00 | 13.5% | 19.3% | 67.2% | 49.0% | 51.0% | 78.10 | 1,054.35 | 1,507.33 | 5,248.32 | 3,826.26 | 3,983.74 | 7,818.00 | |
| W0933 | Tree Planting, High Tree (young tree) 1.5m < H ≤ 3.0m | each | 100.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 113.00 | 11,300.00 | 0.00 | 0.00 | 0.00 | 11,300.00 | 11,300.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2,541.00 | 10.0% |
| | Total | | | | | | | | | 18,654.35 | 1,507.33 | 5,248.32 | 3,826.26 | 21,583.74 | 27,951.00 | |
| | Components (%) | | | | | | | | | 86.7% | 5.4% | 18.8% | 13.7% | 77.2% | 100.0% | |
| | Unit Rate | each | | | | | | | | 186.87 | 15.10 | 52.58 | 38.33 | 216.22 | 280.00 | |

Miscellaneous covers the cost for storage, maintenance, fertilizer, etc.

611(3)a Planter Box of CHB (1.00m x 1.00m) for Road Side Plantation

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|-------------|----------|---------------|--------|--------|-------|--------|------------|-----------------|-----------------|---------------|-----------------|------------------|------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 19.86 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 2,621.52 | 0.00 | 0.00 | 0.00 | 2,621.52 | 2,621.52 | |
| W0116 | Disposal of Surplus Soil (manpower loading) | m3 | 5.61 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 264.03 | 62.41 | 251.39 | 177.05 | 400.78 | 577.83 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 14.25 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 860.09 | 61.50 | 177.11 | 136.22 | 952.48 | 1,088.70 | |
| L002 | Foreman | md | 0.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 396.20 | 0.00 | 0.00 | 0.00 | 396.20 | 396.20 | |
| L007 | Masonry | md | 1.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 463.00 | 463.00 | 0.00 | 0.00 | 0.00 | 463.00 | 463.00 | |
| L020 | Unskilled Labor | md | 2.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 847.80 | 0.00 | 0.00 | 0.00 | 847.80 | 847.80 | |
| M12012 | Concrete Hollow Block (load bearing) 6"x8"x16" (150x200x400mm) | each | 433.50 | 0.0% | 100.0% | 0.0% | 25.0% | 75.0% | 12.00 | 0.00 | 5,202.00 | 0.00 | 1,300.50 | 3,901.50 | 5,202.00 | Loss 2.0% |
| W0221 | Mortar (1:3) | m3 | 1.70 | 1.6% | 93.8% | 4.6% | 58.1% | 41.9% | 1,820.00 | 50.61 | 2,902.34 | 141.05 | 1,796.80 | 1,297.20 | 3,094.00 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.44 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 16.31 | 516.05 | 105.64 | 276.62 | 638.00 | 638.00 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 0.43 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 94.43 | 0.19 | 1.70 | 1.04 | 95.28 | 96.32 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.43 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 2.70 | 0.33 | 0.78 | 0.61 | 3.20 | 3.81 | |
| W0243 | Formwork (lean concrete) | m2 | 3.40 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 213.19 | 299.55 | 4.05 | 19.74 | 497.06 | 516.80 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 20.0% | 80.0% | 55.0% | 45.0% | | 0.00 | 31.09 | 124.37 | 85.50 | 69.96 | 155.46 | 1.0% |
| | Total | | | | | | | | | 5,819.88 | 9,075.48 | 806.08 | 3,878.84 | 11,822.60 | 15,701.44 | |
| | Components (%) | | | | | | | | | 37.1% | 57.8% | 5.1% | 24.7% | 75.3% | 100.0% | |
| | Unit Rate | each | | | | | | | | 581.93 | 907.46 | 80.60 | 387.85 | 1,182.15 | 1,570.00 | |

Miscellaneous covers the cost for cart, minor tools, etc.

611(3)b Planter Box of CHB (3.00m x 1.00m) for Road Side Plantation

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|-------------|----------|---------------|--------|--------|-------|--------|------------|------------------|------------------|-----------------|-----------------|------------------|------------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 40.76 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 5,380.32 | 0.00 | 0.00 | 0.00 | 5,380.32 | 5,380.32 | |
| W0116 | Disposal of Surplus Soil (manpower loading) | m3 | 16.71 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 786.43 | 185.90 | 748.80 | 527.36 | 1,193.77 | 1,721.13 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 24.05 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 1,434.71 | 103.80 | 298.91 | 229.90 | 1,607.52 | 1,837.42 | |
| L002 | Foreman | md | 1.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 1,018.80 | 0.00 | 0.00 | 0.00 | 1,018.80 | 1,018.80 | |
| L007 | Masonry | md | 2.50 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 463.00 | 1,157.50 | 0.00 | 0.00 | 0.00 | 1,157.50 | 1,157.50 | |
| L020 | Unskilled Labor | md | 6.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 2,135.20 | 0.00 | 0.00 | 0.00 | 2,135.20 | 2,135.20 | |
| M12012 | Concrete Hollow Block (load bearing) 6"x8"x16" (150x200x400mm) | each | 1,082.00 | 0.0% | 100.0% | 0.0% | 25.0% | 75.0% | 12.00 | 0.00 | 12,984.00 | 0.00 | 3,246.00 | 9,738.00 | 12,984.00 | Loss 2.0% |
| W0221 | Mortar (1:3) | m3 | 4.32 | 1.6% | 93.8% | 4.6% | 58.1% | 41.9% | 1,820.00 | 128.61 | 7,375.37 | 358.43 | 4,565.99 | 3,296.41 | 7,862.40 | |
| W0201 | Lean Concrete (17MPa, max agg. 38mm) | m3 | 0.95 | 2.6% | 80.9% | 16.6% | 56.6% | 43.4% | 1,450.00 | 35.21 | 1,114.21 | 228.08 | 780.25 | 597.25 | 1,377.50 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 0.93 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 204.24 | 0.41 | 3.68 | 2.25 | 206.07 | 208.32 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 0.93 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 5.84 | 0.72 | 1.68 | 1.32 | 6.91 | 8.23 | |
| W0243 | Formwork (lean concrete) | m2 | 7.40 | 41.3% | 58.0% | 0.8% | 3.8% | 96.2% | 152.00 | 464.01 | 651.97 | 8.82 | 42.96 | 1,081.84 | 1,244.80 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 20.0% | 80.0% | 55.0% | 45.0% | | 0.00 | 73.63 | 294.52 | 202.49 | 165.47 | 368.16 | 1.0% |
| | Total | | | | | | | | | 12,750.86 | 22,490.01 | 1,942.91 | 9,598.51 | 27,585.27 | 37,183.78 | |
| | Components (%) | | | | | | | | | 34.3% | 60.5% | 5.2% | 25.8% | 74.2% | 100.0% | |
| | Unit Rate | each | | | | | | | | 1,275.64 | 2,249.98 | 194.38 | 960.27 | 2,759.73 | 3,720.00 | |

Miscellaneous covers the cost for cart, minor tools, etc.

611(4)a Planter Square Type A (1.13mx1.13m) for Road Side Plantation

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|---------|--------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 1.28 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 168.96 | 0.00 | 0.00 | 0.00 | 168.96 | 168.96 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 1.28 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 60.24 | 14.24 | 57.36 | 40.40 | 91.44 | 131.84 | |
| W0951 | Precast Curbstone for Planter Square, Furnish | m | 3.69 | 13.2% | 70.1% | 16.7% | 49.9% | 50.1% | 45.60 | 22.23 | 117.92 | 28.10 | 84.00 | 84.26 | 168.26 | |
| W0952 | Precast Curbstone for Planter Square, Laying | m | 3.69 | 96.2% | 3.1% | 0.8% | 1.9% | 98.1% | 34.40 | 122.06 | 3.91 | 0.98 | 2.44 | 124.50 | 126.94 | |
| W0161 | Gravel Foundation Fill | m3 | 0.06 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 5.81 | 3.06 | 14.53 | 9.12 | 14.28 | 23.40 | |
| W0956 | Treading Prevention Board for Planter Square, Furnish | m2 | 0.99 | 13.6% | 72.2% | 14.2% | 51.8% | 48.2% | 246.00 | 33.09 | 175.77 | 34.68 | 126.12 | 117.42 | 243.54 | |
| W0957 | Treading Prevention Board for Planter Square, Laying | m2 | 0.99 | 93.5% | 4.6% | 2.0% | 3.3% | 96.7% | 32.20 | 29.79 | 1.46 | 0.63 | 1.04 | 30.84 | 31.88 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 80.0% | 20.0% | 55.0% | 45.0% | | 0.00 | 21.48 | 5.37 | 14.76 | 12.08 | 26.84 | 3% |
| Total | | | | | | | | | | 442.18 | 337.84 | 141.64 | 277.88 | 643.79 | 921.66 | |
| Components (%) | | | | | | | | | | 48.0% | 36.7% | 15.4% | 30.1% | 69.9% | 100.0% | |
| Unit Rate | | | each | | | | | | | 442.34 | 337.96 | 141.69 | 277.98 | 644.02 | 922.00 | |

Miscellaneous covers the cost for joint mortar, minor tools, etc.

611(4)b Planter Square Type B (0.68mx1.70m) for Road Side Plantation

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|---------|--------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0109 | Excavation, Manpower | m3 | 0.35 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 46.20 | 0.00 | 0.00 | 0.00 | 46.20 | 46.20 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 0.35 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 16.47 | 3.89 | 15.68 | 11.05 | 25.00 | 36.05 | |
| W0951 | Precast Curbstone for Planter Square, Furnish | m | 3.36 | 13.2% | 70.1% | 16.7% | 49.9% | 50.1% | 45.60 | 20.25 | 107.38 | 25.59 | 76.49 | 76.73 | 154.22 | |
| W0952 | Precast Curbstone for Planter Square, Laying | m | 3.36 | 96.2% | 3.1% | 0.8% | 1.9% | 98.1% | 34.40 | 111.13 | 3.56 | 0.89 | 2.22 | 113.36 | 115.58 | |
| W0161 | Gravel Foundation Fill | m3 | 0.05 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 4.84 | 2.55 | 12.11 | 7.60 | 11.90 | 19.50 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 80.0% | 20.0% | 55.0% | 45.0% | | 0.00 | 8.89 | 2.22 | 6.11 | 5.00 | 11.12 | 3.0% |
| Total | | | | | | | | | | 198.89 | 126.28 | 56.50 | 103.47 | 278.19 | 381.67 | |
| Components (%) | | | | | | | | | | 52.1% | 33.1% | 14.8% | 27.1% | 72.9% | 100.0% | |
| Unit Rate | | | each | | | | | | | 199.07 | 126.39 | 56.55 | 103.56 | 278.41 | 382.00 | |

Miscellaneous covers the cost for joint mortar, minor tools, etc.

612(1)a ReflectORIZED Thermoplastic Pavement Markings (White)

Unit: 150.00 m2

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 566.00 | 0.00 | 0.00 | 0.00 | 566.00 | 566.00 | |
| L019 | Skilled Labor | md | 2.30 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 926.90 | 0.00 | 0.00 | 0.00 | 926.90 | 926.90 | |
| L020 | Unskilled Labor | md | 3.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 942.00 | 0.00 | 0.00 | 0.00 | 942.00 | 942.00 | |
| M06041 | Road marking paint (White, solution type with glass beads 15~18%) | kg | 900.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 62.70 | 0.00 | 56,430.00 | 0.00 | 36,679.50 | 19,750.50 | 56,430.00 | |
| Q1106-015 | Line Marker (Solution Type, Hand Guide) 15cm | hr | 5.90 | 0.0% | 0.0% | 100.0% | 60.5% | 39.5% | 65.40 | 0.00 | 0.00 | 385.86 | 233.31 | 152.55 | 385.86 | |
| Q1007-005 | Water Tank, 5m3 | day | 1.04 | 0.0% | 0.0% | 100.0% | 61.1% | 38.9% | 178.00 | 0.09 | 0.00 | 185.12 | 113.17 | 71.95 | 185.12 | |
| R0603-002 | Pick-up truck 2.2t | hr | 9.80 | 14.0% | 10.9% | 75.1% | 47.8% | 52.2% | 589.00 | 808.11 | 629.17 | 4,334.92 | 2,761.55 | 3,010.65 | 5,772.20 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 80.0% | 20.0% | 55.0% | 45.0% | | 0.00 | 2,086.66 | 521.66 | 1,434.58 | 1,173.75 | 2,608.32 | 4.0% |
| Total | | | | | | | | | | 3,243.01 | 59,145.83 | 5,427.57 | 41,232.10 | 26,594.30 | 67,816.40 | |
| Components (%) | | | | | | | | | | 4.8% | 39.2% | 8.0% | 39.2% | 60.8% | 100.0% | |
| Unit Rate | | | m2 | | | | | | | 21.61 | 394.21 | 36.18 | 274.75 | 177.25 | 452.00 | |

Miscellaneous covers the cost for primer, propane gas, minor tools, etc.

612(1)b ReflectORIZED Thermoplastic Pavement Markings (Yellow)

Unit: 150.00 m2

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 1.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 566.00 | 0.00 | 0.00 | 0.00 | 566.00 | 566.00 | |
| L019 | Skilled Labor | md | 2.30 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 926.90 | 0.00 | 0.00 | 0.00 | 926.90 | 926.90 | |
| L020 | Unskilled Labor | md | 3.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 942.00 | 0.00 | 0.00 | 0.00 | 942.00 | 942.00 | |
| M06M42 | Road marking paint (Yellow, solution type with glass beads 15~18%) | kg | 900.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 64.60 | 0.00 | 58,140.00 | 0.00 | 37,791.00 | 20,349.00 | 58,140.00 | |
| Q1106-015 | Line Marker (Solution Type, Hand Guide) 15cm | hr | 5.90 | 0.0% | 0.0% | 100.0% | 60.5% | 39.5% | 65.40 | 0.00 | 0.00 | 385.86 | 233.31 | 152.55 | 385.86 | |
| Q1007-005 | Water Tank, 5m3 | day | 1.04 | 0.0% | 0.0% | 100.0% | 61.1% | 38.9% | 178.00 | 0.00 | 0.00 | 185.12 | 113.17 | 71.95 | 185.12 | |
| M0603-002 | Pick-up truck 2.2t | hr | 9.80 | 14.0% | 10.9% | 75.1% | 47.8% | 52.2% | 589.00 | 808.11 | 629.17 | 4,334.92 | 2,761.56 | 3,010.65 | 5,772.20 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 80.0% | 20.0% | 55.0% | 45.0% | | 0.00 | 2,141.38 | 535.34 | 1,472.20 | 1,204.53 | 2,676.72 | 4.0% |
| Total | | | | | | | | | | 3,243.01 | 60,910.55 | 5,441.25 | 42,371.22 | 27,223.58 | 69,594.80 | |
| Components (%) | | | | | | | | | | 4.7% | 87.5% | 7.8% | 60.9% | 39.1% | 100.0% | |
| Unit Rate | | | m2 | | | | | | | 21.62 | 406.10 | 36.28 | 282.50 | 181.50 | 464.00 | |

Miscellaneous covers the cost for primer, propane gas, minor tools, etc.

SPL 612(2) Removal of Existing Thermoplastic Pavement Markings

Unit: 10.00 m2

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|-----------------|------|----------|---------------|-------|--------|-------|--------|------------|----------------|----------|-----------|---------|--------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 666.00 | 56.60 | 0.00 | 0.00 | 0.00 | 56.60 | 56.60 | |
| L020 | Unskilled labor | md | 2.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 628.00 | 0.00 | 0.00 | 0.00 | 628.00 | 628.00 | |
| | Miscellaneous | LS | 1.00 | 10.0% | 40.0% | 50.0% | 50.0% | 50.0% | | 3.42 | 13.69 | 17.12 | 17.12 | 17.12 | 34.23 | 5.0% |
| Total | | | | | | | | | | 688.02 | 13.69 | 17.12 | 17.12 | 701.72 | 719.83 | |
| Components (%) | | | | | | | | | | 95.7% | 1.9% | 2.4% | 2.4% | 97.6% | 100.0% | |
| Unit Rate | | | m2 | | | | | | | 68.80 | 1.37 | 1.71 | 1.71 | 70.19 | 71.98 | |

Miscellaneous covers the costs for minor tools such as cart, picks, chisel, etc.

615(1)a Delineator (ground standing type)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L020 | Unskilled Labor | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 345.40 | 0.00 | 0.00 | 0.00 | 345.40 | 345.40 | |
| M07501 | Delineator, Type A (ground standing type) | each | 10.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 1,450.00 | 0.00 | 14,500.00 | 0.00 | 8,700.00 | 5,800.00 | 14,500.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 345.40 | 14,500.00 | 0.00 | 8,700.00 | 6,145.40 | 14,845.40 | |
| Components (%) | | | | | | | | | | 2.3% | 97.7% | 0.0% | 58.6% | 41.4% | 100.0% | |
| Unit Rate | | | each | | | | | | | 34.43 | 1,445.57 | 0.00 | 867.34 | 612.66 | 1,480.60 | |

615(1)b Delineator (attached on guardrail)

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|-----------------------------------|------|----------|---------------|--------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L020 | Unskilled Labor | md | 0.40 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 125.60 | 0.00 | 0.00 | 0.00 | 125.60 | 125.60 | |
| M07503 | Delineator, Type C (on guardrail) | each | 10.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 564.00 | 0.00 | 5,640.00 | 0.00 | 3,384.00 | 2,256.00 | 5,640.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| Total | | | | | | | | | | 125.60 | 5,640.00 | 0.00 | 3,384.00 | 2,381.60 | 5,765.60 | |
| Components (%) | | | | | | | | | | 2.2% | 97.8% | 0.0% | 58.7% | 41.3% | 100.0% | |
| Unit Rate | | | each | | | | | | | 12.57 | 564.43 | 0.00 | 338.66 | 238.34 | 577.00 | |

615(2)a Curve Mirror 1-φ600

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------|------------|----------------|-----------|------------|------------|-----------|
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Total (PP) | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | |
| L002 | Foreman | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 462.80 | 0.00 | 0.00 | 0.00 | 462.80 | 462.80 | |
| L020 | Unskilled Labor | md | 2.60 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 816.40 | 0.00 | 0.00 | 0.00 | 816.40 | 816.40 | |
| M07601 | Road Curve Mirror φ600 | each | 10.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 11,000.00 | 0.00 | 110,000.00 | 0.00 | 66,000.00 | 44,000.00 | 110,000.00 | |
| M08706 | Steel Gas Pipe, φ80 | m | 39.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 11,466.00 | 0.00 | 6,879.60 | 4,586.40 | 11,466.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.27 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 474.98 | 0.00 | 308.74 | 166.24 | 474.98 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.37 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 372.64 | 0.00 | 242.22 | 130.42 | 372.64 | |
| W0109 | Excavation, Manpower | m3 | 21.56 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 2,845.92 | 0.00 | 0.00 | 0.00 | 2,845.92 | 2,845.92 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 2.86 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 134.60 | 31.82 | 128.16 | 90.26 | 204.32 | 294.58 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 18.70 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 1,115.55 | 80.71 | 232.42 | 178.76 | 1,249.92 | 1,428.68 | |
| W0161 | Gravel Foundation Fill | m3 | 0.36 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 34.85 | 18.35 | 87.20 | 54.73 | 85.67 | 140.40 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.55 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 94.77 | 3,296.49 | 612.24 | 2,277.65 | 1,725.65 | 4,003.50 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 2.50 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 549.02 | 1.10 | 9.88 | 6.04 | 553.96 | 560.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 2.55 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 16.01 | 1.97 | 4.59 | 3.61 | 18.96 | 22.57 | |
| W0240 | Formwork (plain concrete H4m) | m2 | 20.00 | 58.9% | 40.4% | 0.8% | 2.9% | 97.1% | 222.00 | 2,613.37 | 1,791.81 | 34.82 | 130.51 | 4,309.49 | 4,440.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 617.93 | 755.25 | 755.25 | 617.93 | 1,373.18 | 1.0% |
| Total | | | | | | | | | | 8,673.29 | 128,153.80 | 1,864.56 | 76,927.56 | 61,764.10 | 138,691.65 | |
| Components (%) | | | | | | | | | | 6.3% | 92.4% | 1.3% | 55.5% | 44.5% | 100.0% | |
| Unit Rate | | | each | | | | | | | 869.26 | 12,843.87 | 186.87 | 7,709.86 | 6,190.14 | 13,900.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

615(2)b Curve Mirror 2-φ600

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|--------|--------|-------|--------|------------|----------|------------|----------------|------------|------------|------------|-----------|
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Total (PP) | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | |
| L002 | Foreman | md | 1.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 622.60 | 0.00 | 0.00 | 0.00 | 622.60 | 622.60 | |
| L020 | Unskilled Labor | md | 3.70 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 1,161.80 | 0.00 | 0.00 | 0.00 | 1,161.80 | 1,161.80 | |
| M07601 | Road Curve Mirror φ600 | each | 20.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 11,000.00 | 0.00 | 220,000.00 | 0.00 | 132,000.00 | 88,000.00 | 220,000.00 | |
| M08706 | Steel Gas Pipe, φ80 | m | 39.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 294.00 | 0.00 | 11,466.00 | 0.00 | 6,879.60 | 4,586.40 | 11,466.00 | |
| M06003 | Zinc Rich Primer for Steel | kg | 1.27 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 374.00 | 0.00 | 474.98 | 0.00 | 308.74 | 166.24 | 474.98 | |
| M06021 | Phenol Resin Paint for Steel | kg | 1.37 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 272.00 | 0.00 | 372.64 | 0.00 | 242.22 | 130.42 | 372.64 | |
| W0109 | Excavation, Manpower | m3 | 21.56 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 132.00 | 2,845.92 | 0.00 | 0.00 | 0.00 | 2,845.92 | 2,845.92 | |
| W0115 | Disposal of Surplus Soil (manpower loading) | m3 | 2.86 | 45.7% | 10.8% | 43.5% | 30.6% | 69.4% | 103.00 | 134.60 | 31.82 | 128.16 | 90.26 | 204.32 | 294.58 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 18.70 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 1,115.55 | 80.71 | 232.42 | 178.76 | 1,249.92 | 1,428.68 | |
| W0161 | Gravel Foundation Fill | m3 | 0.36 | 24.8% | 13.1% | 62.1% | 39.0% | 61.0% | 390.00 | 34.85 | 18.35 | 87.20 | 54.73 | 85.67 | 140.40 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.55 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 94.77 | 3,296.49 | 612.24 | 2,277.65 | 1,725.65 | 4,003.50 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 2.50 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 549.02 | 1.10 | 9.88 | 6.04 | 553.96 | 560.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 2.50 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 15.70 | 1.93 | 4.50 | 3.54 | 18.69 | 22.13 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 45.0% | 55.0% | 55.0% | 45.0% | | 0.00 | 1,095.27 | 1,338.66 | 1,338.66 | 1,095.27 | 2,433.93 | 1.0% |
| Total | | | | | | | | | | 6,574.81 | 236,839.29 | 2,413.46 | 143,380.39 | 102,446.77 | 245,827.16 | |
| Components (%) | | | | | | | | | | 2.7% | 96.3% | 1.0% | 58.3% | 41.7% | 100.0% | |
| Unit Rate | | | each | | | | | | | 657.94 | 23,700.58 | 241.48 | 14,348.12 | 10,251.88 | 24,600.00 | |

Miscellaneous covers the cost for fixtures, brushes, minor tools, etc.

615(3) Dustproof Concrete Paving for Median

Unit: 100.00 m2

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|-------|------------|----------|----------|----------------|----------|------------|------------|------------|
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Total (PP) | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | |
| W0129 | Selected Sand, transported | m3 | 5.50 | 12.7% | 20.0% | 67.2% | 43.6% | 56.4% | 166.00 | 115.98 | 183.05 | 613.98 | 397.82 | 515.18 | 913.00 | Loss 10.0% |
| W0135 | Backfill, Manpower + Compactor | m3 | 5.00 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 298.24 | 21.58 | 62.14 | 47.80 | 334.20 | 382.00 | |
| W0202 | Concrete (Class B, 17MPa, max agg. 50mm) | m3 | 7.14 | 2.8% | 78.4% | 18.8% | 56.3% | 43.7% | 1,340.00 | 271.20 | 7,500.71 | 1,795.68 | 5,386.70 | 4,180.90 | 9,567.60 | Loss 2.0% |
| W0235 | Concrete Pouring by Manpower for small structures | m3 | 7.00 | 98.0% | 0.2% | 1.8% | 1.1% | 98.9% | 224.00 | 1,537.25 | 3.07 | 27.67 | 16.91 | 1,551.09 | 1,568.00 | |
| W0236 | Concrete Curing (plain concrete) | m3 | 7.00 | 70.9% | 8.7% | 20.4% | 16.0% | 84.0% | 8.85 | 43.94 | 5.40 | 12.61 | 9.91 | 52.04 | 61.95 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 78.0% | 30.0% | 55.0% | 45.0% | | 0.00 | 174.90 | 74.96 | 137.42 | 112.43 | 249.85 | 2.0% |
| Total | | | | | | | | | | 2,265.65 | 7,888.71 | 2,587.04 | 5,996.56 | 6,745.84 | 12,742.40 | |
| Components (%) | | | | | | | | | | 17.8% | 61.9% | 20.3% | 47.1% | 52.9% | 100.0% | |
| Unit Rate | | | m2 | | | | | | | 22.59 | 78.62 | 25.78 | 59.77 | 67.23 | 127.00 | |

Miscellaneous covers the cost for forms, joints, etc.
 Sand base thickness = 0.050 m
 Concrete pavement thickness = 0.070 m

SPL 620(1)a Traffic Signal Pole Type A (Mast Arm Post H=6.7m)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Total (P) | Remarks |
|-----------|--|------|----------|---------------|-------|--------|-------|--------|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (P) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0106 | Excavation, Backhoe 0.61m3 | m3 | 5.29 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 9.52 | 18.17 | 188.67 | 114.41 | 101.95 | 216.36 | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 1.73 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 13.10 | 23.74 | 124.05 | 82.82 | 78.07 | 160.89 | |
| W0133 | Backfill C | m3 | 3.56 | 11.4% | 11.8% | 76.7% | 49.4% | 50.6% | 145.00 | 58.95 | 61.07 | 396.18 | 255.02 | 261.18 | 516.20 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.76 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 65.41 | 2,275.23 | 422.56 | 1,572.16 | 1,191.04 | 2,763.20 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.73 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 69.07 | 0.87 | 374.67 | 200.78 | 243.83 | 444.61 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.73 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 5.43 | 4.55 | 1.29 | 1.02 | 6.26 | 7.23 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 5.76 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 764.93 | 515.19 | 10.12 | 37.65 | 1,252.59 | 1,290.24 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 144.30 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 510.61 | 2,589.07 | 262.51 | 1,815.41 | 1,546.78 | 3,362.19 | |
| L002 | Foreman | nd | 0.23 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 130.18 | 0.00 | 0.00 | 0.00 | 130.18 | 130.18 | |
| L019 | Skilled Labor | nd | 0.25 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 100.75 | 0.00 | 0.00 | 0.00 | 100.75 | 100.75 | |
| L020 | Unskilled Labor | nd | 0.42 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 131.88 | 0.00 | 0.00 | 0.00 | 131.88 | 131.88 | |
| W1101 | Traffic Signal Post Type A (Mast Arms) H=6.7m, Furnished | each | 1.00 | 6.8% | 68.7% | 24.5% | 59.6% | 40.4% | 22,500.00 | 1,522.54 | 15,463.36 | 5,514.10 | 13,419.20 | 9,080.80 | 22,500.00 | |
| R0402-015 | Truck Crane, Hydraulic 11-15t | hr | 0.97 | 8.4% | 8.3% | 83.3% | 50.7% | 49.3% | 879.00 | 71.62 | 70.77 | 710.24 | 431.88 | 420.75 | 852.63 | |
| W1001 | Underground Cable Duct | m | 20.00 | 13.1% | 68.3% | 18.6% | 47.1% | 52.9% | 360.00 | 942.62 | 4,920.81 | 1,336.57 | 3,809.74 | 3,809.74 | 7,200.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 60.0% | 40.0% | 55.0% | 45.0% | | 0.00 | 476.12 | 317.41 | 436.44 | 357.09 | 793.53 | 2.0% |
| | Total | | | | | | | | | 4,396.62 | 26,414.95 | 9,658.37 | 21,757.04 | 18,712.90 | 40,469.94 | |
| | Components (%) | | | | | | | | | 10.9% | 65.3% | 23.9% | 53.6% | 46.2% | 100.0% | |
| | Unit Rate | each | | | | | | | | 4,399.88 | 26,434.37 | 9,665.54 | 21,773.20 | 18,726.80 | 40,500.00 | |

Miscellaneous covers the cost for fixtures, embedment, minor tools, etc.

SPL 620(1)b Traffic Signal Pole Type A (Mast Arm Post H=6.0m)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Total (P) | Remarks |
|-----------|--|------|----------|---------------|-------|--------|-------|--------|-----------|---------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | Component (%) | | | | | | Component (P) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0106 | Excavation, Backhoe 0.61m3 | m3 | 5.29 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 9.52 | 18.17 | 188.67 | 114.41 | 101.95 | 216.36 | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 1.73 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 13.10 | 23.74 | 124.05 | 82.82 | 78.07 | 160.89 | |
| W0133 | Backfill C | m3 | 3.56 | 11.4% | 11.8% | 76.7% | 49.4% | 50.6% | 145.00 | 58.95 | 61.07 | 396.18 | 255.02 | 261.18 | 516.20 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 2.07 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 76.93 | 2,675.98 | 496.99 | 1,849.08 | 1,400.82 | 3,249.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 2.03 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 81.05 | 1.02 | 439.64 | 235.60 | 286.11 | 521.71 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 2.03 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 6.38 | 0.65 | 1.52 | 1.19 | 7.36 | 8.55 | |
| W0241 | Formwork (reinforced concrete H<4m) | m2 | 7.46 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 990.69 | 667.24 | 13.11 | 48.76 | 1,671.04 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 224.40 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 794.05 | 4,028.24 | 408.23 | 2,823.14 | 2,405.34 | 5,228.52 | |
| L002 | Foreman | nd | 0.23 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 130.18 | 0.00 | 0.00 | 0.00 | 130.18 | 130.18 | |
| L019 | Skilled Labor | nd | 0.25 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 100.75 | 0.00 | 0.00 | 0.00 | 100.75 | 100.75 | |
| L020 | Unskilled Labor | nd | 0.42 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 131.88 | 0.00 | 0.00 | 0.00 | 131.88 | 131.88 | |
| W1102 | Traffic Signal Post Type A (Mast Arms) H=6.0m, Furnished | each | 1.00 | 7.1% | 67.9% | 25.0% | 59.3% | 40.7% | 21,400.00 | 1,511.33 | 14,540.34 | 5,348.33 | 12,696.97 | 8,703.03 | 21,400.00 | |
| R0402-015 | Truck Crane, Hydraulic 11-15t | hr | 0.97 | 8.4% | 8.3% | 83.3% | 50.7% | 49.3% | 879.00 | 71.62 | 70.77 | 710.24 | 431.88 | 420.75 | 852.63 | |
| W1001 | Underground Cable Duct | m | 20.00 | 13.1% | 68.3% | 18.6% | 47.1% | 52.9% | 360.00 | 942.62 | 4,920.81 | 1,336.57 | 3,809.74 | 3,809.74 | 7,200.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 60.0% | 40.0% | 55.0% | 45.0% | | 0.00 | 496.66 | 331.11 | 455.27 | 372.50 | 827.77 | 2.0% |
| | Total | | | | | | | | | 4,919.05 | 27,582.70 | 9,794.63 | 22,384.39 | 19,831.99 | 42,216.38 | |
| | Components (%) | | | | | | | | | 11.7% | 65.1% | 23.2% | 53.0% | 47.0% | 100.0% | |
| | Unit Rate | each | | | | | | | | 4,917.15 | 27,492.03 | 9,790.82 | 22,375.71 | 19,824.29 | 42,200.00 | |

Miscellaneous covers the cost for fixtures, embedment, minor tools, etc.

SPL 620(1)c Traffic Signal Pole Type B (φ114.3mm x 4.2m)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Remarks | |
|----------------|--|------|----------|---------------|-------|--------|-------|--------|-----------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| W0105 | Excavation, Backhoe 0.6m3 | m3 | 3.47 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 6.24 | 11.92 | 123.75 | 75.05 | 66.87 | 141.92 | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 0.70 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 5.30 | 9.60 | 50.19 | 33.51 | 31.59 | 65.10 | |
| W0133 | Backfill C | m3 | 2.77 | 11.4% | 11.8% | 76.7% | 49.4% | 50.6% | 145.00 | 45.87 | 47.52 | 308.26 | 198.42 | 203.23 | 401.65 | |
| W0203 | Concrete (Class A, 21MPa, max agg.38mm) | m3 | 0.71 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 26.39 | 917.85 | 634.22 | 634.22 | 480.48 | 1,114.70 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.70 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 27.95 | 0.35 | 151.60 | 81.24 | 98.66 | 179.90 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.70 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.20 | 0.22 | 0.52 | 0.41 | 2.54 | 2.95 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 3.52 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 467.46 | 314.84 | 6.18 | 23.01 | 765.47 | 788.48 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 34.20 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 121.02 | 613.63 | 62.22 | 430.26 | 366.60 | 796.86 | |
| L002 | Foreman | md | 0.17 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 96.22 | 0.00 | 0.00 | 0.00 | 96.22 | 96.22 | |
| L019 | Skilled Labor | md | 0.19 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 76.57 | 0.00 | 0.00 | 0.00 | 76.57 | 76.57 | |
| L020 | Unskilled Labor | md | 0.33 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 103.62 | 0.00 | 0.00 | 0.00 | 103.62 | 103.62 | |
| W103 | Traffic Signal Posts Type B φ114.3mm x 4.2m, Furnished | each | 1.00 | 12.2% | 52.9% | 34.9% | 53.7% | 46.3% | 9,440.00 | 1,148.94 | 4,991.96 | 3,299.10 | 5,066.68 | 4,373.32 | 9,440.00 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 0.74 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 54.55 | 33.38 | 270.97 | 168.83 | 190.07 | 358.90 | |
| W1001 | Underground Cable Duct | m | 20.00 | 13.1% | 68.3% | 18.6% | 47.1% | 52.9% | 380.00 | 942.62 | 4,920.81 | 1,336.57 | 3,390.26 | 3,809.74 | 7,200.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 60.0% | 40.0% | 55.0% | 45.0% | | 0.00 | 249.20 | 166.13 | 228.44 | 186.90 | 415.34 | 2.0% |
| Total | | | | | | | | | | 3,124.95 | 12,411.29 | 5,945.97 | 10,330.33 | 10,851.88 | 21,182.21 | |
| Components (%) | | | | | | | | | | 14.8% | 57.2% | 28.1% | 48.8% | 51.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 3,127.57 | 12,121.46 | 5,950.97 | 10,339.01 | 10,860.99 | 21,200.00 | |

Miscellaneous covers the cost for fixtures, embedment, minor tools, etc.

SPL 620(1)d Traffic Signal Pole Type C (φ114.3mm x 3.4m)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (P) | Amount | | | | | Remarks | |
|----------------|--|------|----------|---------------|-------|--------|-------|--------|-----------|----------------|-----------|-----------|-----------|-----------|-----------|------------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | Total (PP) |
| W0105 | Excavation, Backhoe 0.6m3 | m3 | 3.18 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 5.72 | 10.93 | 113.41 | 68.77 | 61.29 | 130.06 | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 0.70 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 5.30 | 9.60 | 50.19 | 33.51 | 31.59 | 65.10 | |
| W0133 | Backfill C | m3 | 2.48 | 11.4% | 11.8% | 76.7% | 49.4% | 50.6% | 145.00 | 41.07 | 42.55 | 275.99 | 177.65 | 181.95 | 359.60 | |
| W0203 | Concrete (Class A, 21MPa, max agg.38mm) | m3 | 0.99 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 36.79 | 1,279.81 | 237.69 | 884.34 | 669.96 | 1,554.30 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.97 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 38.73 | 0.49 | 210.07 | 112.58 | 136.71 | 249.29 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.97 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.04 | 0.31 | 0.72 | 0.57 | 3.51 | 4.08 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 5.13 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 681.27 | 458.84 | 9.01 | 33.53 | 1,115.59 | 1,149.12 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 39.10 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 138.36 | 701.54 | 71.13 | 491.91 | 419.12 | 911.03 | |
| L002 | Foreman | md | 0.17 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 96.22 | 0.00 | 0.00 | 0.00 | 96.22 | 96.22 | |
| L019 | Skilled Labor | md | 0.19 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 76.57 | 0.00 | 0.00 | 0.00 | 76.57 | 76.57 | |
| L020 | Unskilled Labor | md | 0.33 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 103.62 | 0.00 | 0.00 | 0.00 | 103.62 | 103.62 | |
| W104 | Traffic Signal Posts Type C φ114.3mm x 3.4m, Furnished | each | 1.00 | 12.6% | 51.7% | 35.7% | 53.2% | 46.8% | 9,080.00 | 1,145.04 | 4,693.88 | 3,241.07 | 4,831.08 | 4,248.92 | 9,080.00 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 0.74 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 54.55 | 33.38 | 270.97 | 168.83 | 190.07 | 358.90 | |
| W1001 | Underground Cable Duct | m | 20.00 | 13.1% | 68.3% | 18.6% | 47.1% | 52.9% | 380.00 | 942.62 | 4,920.81 | 1,336.57 | 3,390.26 | 3,809.74 | 7,200.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 60.0% | 40.0% | 55.0% | 45.0% | | 0.00 | 192.05 | 170.70 | 234.72 | 192.04 | 426.76 | 2.0% |
| Total | | | | | | | | | | 3,368.90 | 12,408.20 | 5,987.54 | 10,427.75 | 11,336.90 | 21,764.65 | |
| Components (%) | | | | | | | | | | 15.5% | 57.0% | 27.5% | 47.9% | 52.1% | 100.0% | |
| Unit Rate | | | each | | | | | | | 3,374.36 | 12,428.36 | 5,997.27 | 10,444.69 | 11,355.31 | 21,800.00 | |

Miscellaneous covers the cost for fixtures, embedment, minor tools, etc.

SPL 620(1)e Traffic Signal Pole Type D (φ114.3mm x 3.0m)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---|------|----------|---------------|-------|--------|-------|--------|------------|----------------|-----------|-----------|----------|----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0105 | Excavation, Backhoe 0.61m³ | m³ | 2.03 | 4.4% | 8.4% | 37.2% | 52.9% | 47.1% | 40.90 | 3.65 | 6.97 | 72.40 | 43.91 | 39.12 | 83.03 | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m³ | 0.29 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 2.20 | 3.98 | 20.79 | 13.88 | 13.09 | 26.97 | |
| W0133 | Backfill C | m³ | 1.74 | 11.4% | 11.8% | 76.7% | 49.4% | 56.6% | 145.00 | 28.81 | 24.85 | 193.64 | 124.64 | 127.66 | 252.30 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m³ | 0.30 | 2.4% | 82.3% | 15.3% | 56.3% | 43.1% | 1,570.00 | 11.15 | 387.82 | 72.03 | 267.98 | 203.02 | 471.00 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m³ | 0.29 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 11.58 | 0.15 | 62.81 | 33.66 | 40.87 | 74.53 | |
| W0237 | Concrete Curing (reinforced concrete) | m³ | 0.29 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 0.22 | 0.91 | 0.22 | 0.17 | 1.05 | 1.22 | |
| W0241 | Formwork (reinforced concrete H<4m) | m² | 1.92 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 254.94 | 171.73 | 3.37 | 12.55 | 417.53 | 430.08 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 27.40 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 96.96 | 491.62 | 49.85 | 344.71 | 293.71 | 638.42 | |
| L002 | Foreman | md | 0.17 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 96.22 | 0.00 | 0.00 | 0.00 | 96.22 | 96.22 | |
| L019 | Skilled Labor | md | 0.19 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 403.00 | 76.57 | 0.00 | 0.00 | 0.00 | 76.57 | 76.57 | |
| L020 | Unskilled Labor | md | 0.33 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 103.62 | 0.00 | 0.00 | 0.00 | 103.62 | 103.62 | |
| W1105 | Pedestrian Signal Posts Type D φ114.3mm x 3.0m, Furnished | each | 1.00 | 12.8% | 51.0% | 36.1% | 53.0% | 47.0% | 8,920.00 | 1,144.68 | 4,553.08 | 3,222.24 | 4,724.20 | 4,195.80 | 8,920.00 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 0.74 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 54.55 | 33.38 | 270.97 | 168.83 | 190.07 | 358.90 | |
| W1001 | Underground Cable Duct | m | 20.00 | 13.1% | 68.3% | 18.6% | 47.1% | 52.9% | 360.00 | 942.62 | 4,920.81 | 1,336.57 | 3,380.26 | 3,809.74 | 7,200.00 | |
| | Miscellaneous | LS | 1.00 | 0.0% | 60.0% | 40.0% | 55.0% | 45.0% | | 0.00 | 224.79 | 149.86 | 206.06 | 168.60 | 374.66 | 2.0% |
| Total | | | | | | | | | | 2,828.50 | 10,824.28 | 5,454.74 | 9,330.85 | 9,776.66 | 19,107.52 | |
| Components (%) | | | | | | | | | | 14.8% | 56.6% | 28.5% | 48.8% | 51.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,827.39 | 10,820.02 | 5,452.60 | 9,327.18 | 9,772.42 | 19,100.00 | |

Miscellaneous covers the cost for fixtures, embedment, minor tools, etc.

SPL 620(2)a Traffic Signal Lamps Type A (6 vehicle lamps)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---------------------------------|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|------------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.12 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 67.92 | 0.00 | 0.00 | 0.00 | 67.92 | 67.92 | |
| L012 | Electrician | md | 0.15 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 63.15 | 0.00 | 0.00 | 0.00 | 63.15 | 63.15 | |
| L020 | Unskilled Labor | md | 0.25 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 78.50 | 0.00 | 0.00 | 0.00 | 78.50 | 78.50 | |
| M07273 | Traffic Signal Lights (6 lamps) | set | 1.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 186,000.00 | 0.00 | 186,000.00 | 0.00 | 102,300.00 | 83,700.00 | 186,000.00 | |
| R0402-015 | Truck Crane, Hydraulic 11-15t | hr | 0.80 | 8.4% | 8.3% | 83.3% | 50.7% | 49.3% | 879.00 | 59.07 | 58.37 | 585.77 | 356.19 | 347.01 | 703.20 | |
| Q0405-013 | Lift Car, 12~13m | hr | 0.95 | 6.8% | 3.0% | 90.2% | 54.1% | 45.9% | 1,180.00 | 76.31 | 33.48 | 1,011.22 | 607.02 | 513.98 | 1,121.00 | |
| | Miscellaneous | LS | 1.00 | 30.0% | 30.0% | 40.0% | 50.0% | 50.0% | | 1,692.30 | 1,692.30 | 2,256.41 | 2,820.51 | 2,820.51 | 5,641.91 | 3.0% |
| Total | | | | | | | | | | 2,037.25 | 187,784.14 | 3,853.39 | 106,083.72 | 87,591.06 | 193,674.78 | |
| Components (%) | | | | | | | | | | 1.1% | 97.0% | 2.0% | 54.8% | 45.2% | 100.0% | |
| Unit Rate | | | each | | | | | | | 2,040.67 | 188,099.47 | 3,859.86 | 106,261.85 | 87,738.15 | 194,000.00 | |

Miscellaneous covers the costs for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(2)b Traffic Signal Lamps Type B (3 vehicle lamps)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|---------------------------------|------|----------|---------------|--------|--------|-------|--------|------------|----------------|------------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.12 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 67.92 | 0.00 | 0.00 | 0.00 | 67.92 | 67.92 | |
| L012 | Electrician | md | 0.15 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 63.15 | 0.00 | 0.00 | 0.00 | 63.15 | 63.15 | |
| L020 | Unskilled Labor | md | 0.25 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 78.50 | 0.00 | 0.00 | 0.00 | 78.50 | 78.50 | |
| M07272 | Traffic Signal Lights (3 lamps) | set | 1.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 99,900.00 | 0.00 | 99,900.00 | 0.00 | 54,945.00 | 44,955.00 | 99,900.00 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 0.80 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 68.98 | 36.08 | 292.94 | 182.52 | 205.48 | 388.00 | |
| Q0405-013 | Lift Car, 12~13m | hr | 0.95 | 6.8% | 3.0% | 90.2% | 54.1% | 45.9% | 1,180.00 | 76.31 | 33.48 | 1,011.22 | 607.02 | 513.98 | 1,121.00 | |
| | Miscellaneous | LS | 1.00 | 30.0% | 30.0% | 40.0% | 50.0% | 50.0% | | 914.57 | 914.57 | 1,219.42 | 1,524.28 | 1,524.28 | 3,048.56 | 3.0% |
| Total | | | | | | | | | | 1,259.42 | 100,884.13 | 2,523.58 | 57,258.82 | 47,408.31 | 104,667.13 | |
| Components (%) | | | | | | | | | | 1.2% | 96.4% | 2.4% | 54.7% | 45.3% | 100.0% | |
| Unit Rate | | | each | | | | | | | 1,263.43 | 101,204.37 | 2,531.60 | 57,440.92 | 47,559.08 | 105,000.00 | |

Miscellaneous covers the costs for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(2)c Traffic Signal Lamps Type C (2 pedestrian lamps)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|-----------------------------------|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.12 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 67.92 | 0.00 | 0.00 | 0.00 | 67.92 | 67.92 | |
| L012 | Electrician | md | 0.15 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 63.15 | 0.00 | 0.00 | 0.00 | 63.15 | 63.15 | |
| L020 | Unskilled Labor | md | 0.25 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 78.50 | 0.00 | 0.00 | 0.00 | 78.50 | 78.50 | |
| M07271 | Pedestrian Signal Lamps (2 lamps) | set | 1.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 47,400.00 | 0.00 | 47,400.00 | 0.00 | 25,070.00 | 21,330.00 | 47,400.00 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 0.80 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 58.98 | 36.08 | 292.94 | 182.52 | 295.48 | 388.00 | |
| Q0405-013 | Lift Car, 12~13m | hr | 0.95 | 6.8% | 3.0% | 90.2% | 54.1% | 45.9% | 1,180.00 | 76.31 | 33.48 | 1,011.22 | 607.02 | 513.98 | 1,121.00 | |
| | Miscellaneous | LS | 1.00 | 30.0% | 30.0% | 40.0% | 50.0% | 50.0% | | 442.07 | 442.07 | 589.42 | 736.78 | 736.78 | 1,473.56 | 3.0% |
| Total | | | | | | | | | | 786.92 | 47,911.63 | 1,893.58 | 27,596.32 | 22,995.81 | 50,592.13 | |
| Components (%) | | | | | | | | | | 1.6% | 94.7% | 3.7% | 54.5% | 45.5% | 100.0% | |
| Unit Rate | | | each | | | | | | | 787.04 | 47,919.08 | 1,893.87 | 27,600.61 | 22,999.39 | 50,600.00 | |

Miscellaneous covers the costs for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(4)a Street Lighting Poles (single lamp)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0105 | Excavation, Backhoe 0.6m3 | m3 | 4.33 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 7.79 | 14.88 | 154.43 | 93.65 | 83.45 | 177.10 | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 0.53 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 4.01 | 7.27 | 38.00 | 25.37 | 23.92 | 49.29 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 3.80 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 226.69 | 16.40 | 47.23 | 36.32 | 254.00 | 290.32 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.70 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 26.02 | 904.92 | 188.07 | 625.29 | 473.71 | 1,099.00 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.69 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 27.55 | 0.35 | 149.43 | 80.08 | 97.25 | 177.33 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.69 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.16 | 0.22 | 0.52 | 0.40 | 2.50 | 2.90 | |
| W0241 | Formwork (reinforced concrete 11<4m) | m2 | 4.35 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 577.68 | 389.07 | 7.64 | 28.43 | 945.97 | 974.40 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 95.60 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 338.28 | 1,715.28 | 173.92 | 1,202.73 | 1,024.75 | 2,227.48 | |
| L002 | Foreman | md | 0.29 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 164.14 | 0.00 | 0.00 | 0.00 | 164.14 | 164.14 | |
| L012 | Electrician | md | 0.34 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 143.14 | 0.00 | 0.00 | 0.00 | 143.14 | 143.14 | |
| L020 | Unskilled Labor | md | 0.58 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 182.12 | 0.00 | 0.00 | 0.00 | 182.12 | 182.12 | |
| M13001 | Street Lighting Fixture (110~400W) | each | 1.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 7,920.00 | 0.00 | 7,920.00 | 0.00 | 4,752.00 | 3,168.00 | 7,920.00 | |
| M13011 | Street Lighting Stabilizer | each | 1.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 2,600.00 | 0.00 | 2,600.00 | 0.00 | 1,690.00 | 910.00 | 2,600.00 | |
| M13021 | Street Lighting Lamp | each | 1.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 1,320.00 | 0.00 | 1,320.00 | 0.00 | 792.00 | 528.00 | 1,320.00 | |
| W1201 | Street Lighting Pole (single lamp), furnished | each | 1.00 | 10.4% | 60.1% | 29.6% | 56.5% | 43.5% | 16,700.00 | 1,728.95 | 10,034.02 | 4,937.02 | 9,442.86 | 7,257.14 | 16,700.00 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 1.54 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 113.53 | 69.46 | 563.91 | 351.35 | 395.55 | 748.90 | |
| Q0405-013 | Lift Car, 12~13m | hr | 0.95 | 6.8% | 3.0% | 90.2% | 54.1% | 45.9% | 1,180.00 | 76.31 | 33.48 | 1,011.22 | 607.02 | 513.98 | 1,121.00 | |
| W1001 | Underground Cable Duct | m | 30.00 | 13.1% | 68.3% | 18.6% | 47.1% | 52.9% | 360.00 | 1,413.93 | 7,381.22 | 2,004.85 | 5,085.39 | 5,714.61 | 10,800.00 | |
| | Miscellaneous | LS | 1.00 | 5.0% | 60.0% | 35.0% | 50.0% | 50.0% | | 70.04 | 840.51 | 490.30 | 700.43 | 700.43 | 1,400.85 | 3.0% |
| Total | | | | | | | | | | 5,102.35 | 33,247.08 | 9,746.54 | 25,513.32 | 22,582.65 | 48,095.97 | |
| Components (%) | | | | | | | | | | 10.6% | 69.1% | 20.3% | 53.0% | 47.0% | 100.0% | |
| Unit Rate | | | each | | | | | | | 5,102.78 | 33,249.87 | 9,747.35 | 25,515.46 | 22,584.54 | 48,100.00 | |

Miscellaneous covers the cost for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(4)b Street Lighting Poles (double lamp)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-----------|--|------|----------|---------------|--------|--------|-------|--------|-----------|-----------------|------------------|------------------|------------------|------------------|------------------|------------|---------|
| | | | | Component (%) | | | | | Labor | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | | |
| W0105 | Excavation, Backhoe 0.61m3 | m3 | 4.33 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 7.79 | 14.88 | 154.43 | 93.65 | 83.45 | 177.10 | | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 0.53 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 4.01 | 7.27 | 38.00 | 25.37 | 23.92 | 49.29 | | |
| W0135 | Backfill, Manpower + Compactor | m3 | 3.80 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 236.69 | 16.40 | 47.23 | 36.32 | 254.00 | 290.32 | | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.70 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 28.02 | 904.92 | 188.07 | 625.29 | 473.71 | 1,098.00 | Loss 2.0% | |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.69 | 15.5% | 0.2% | 94.3% | 45.2% | 54.8% | 257.00 | 27.55 | 0.35 | 149.43 | 80.08 | 97.25 | 177.33 | | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 0.69 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.16 | 0.22 | 0.52 | 0.40 | 2.50 | 2.90 | | |
| W0241 | Formwork (reinforced concrete 11x4m) | m2 | 4.35 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 577.68 | 389.07 | 7.64 | 28.43 | 945.97 | 974.40 | | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 95.60 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 338.28 | 1,715.28 | 173.92 | 1,202.73 | 1,024.75 | 2,227.48 | | |
| L002 | Foreman | md | 0.41 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 232.06 | 0.00 | 0.00 | 0.00 | 232.06 | 232.06 | | |
| L012 | Electrician | md | 0.49 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 206.29 | 0.00 | 0.00 | 0.00 | 206.29 | 206.29 | | |
| L020 | Unskilled Labor | md | 0.83 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 260.62 | 0.00 | 0.00 | 0.00 | 260.62 | 260.62 | | |
| M13001 | Street Lighting Fixture (110~400W) | each | 2.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 7,920.00 | 0.00 | 15,840.00 | 0.00 | 9,504.00 | 6,336.00 | 15,840.00 | | |
| M13011 | Street Lighting Stabilizer | each | 1.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 2,600.00 | 0.00 | 2,600.00 | 0.00 | 1,690.00 | 910.00 | 2,600.00 | | |
| M13021 | Street Lighting Lamp | each | 2.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 1,320.00 | 0.00 | 2,640.00 | 0.00 | 1,584.00 | 1,056.00 | 2,640.00 | | |
| W1202 | Street Lighting Pole (double lamp), furnished | each | 1.00 | 10.1% | 60.8% | 29.1% | 56.8% | 43.2% | 17,300.00 | 1,745.99 | 10,518.01 | 5,036.00 | 9,830.17 | 7,469.83 | 17,300.00 | | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 2.34 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 172.50 | 105.55 | 856.85 | 533.87 | 601.03 | 1,134.90 | | |
| Q0405-013 | Lift Car, 12~13m | hr | 1.89 | 6.8% | 3.0% | 90.2% | 54.1% | 45.9% | 1,180.00 | 151.81 | 66.60 | 2,011.79 | 1,207.65 | 1,022.55 | 2,230.20 | | |
| W1001 | Underground Cable Duct | m | 30.00 | 13.1% | 68.3% | 18.6% | 47.1% | 52.9% | 360.00 | 1,413.93 | 7,381.22 | 2,004.85 | 5,085.39 | 5,714.61 | 10,800.00 | | |
| | Miscellaneous | LS | 1.00 | 5.0% | 60.0% | 35.0% | 50.0% | 50.0% | | 87.36 | 1,048.35 | 611.54 | 873.63 | 873.63 | 1,747.26 | 3.0% | |
| | Total | | | | | | | | | 5,480.76 | 43,248.12 | 11,260.26 | 32,400.98 | 27,598.17 | 59,989.15 | | |
| | Components (%) | | | | | | | | | 9.1% | 72.1% | 18.8% | 54.0% | 46.0% | 100.0% | | |
| | Unit Rate | each | | | | | | | | 5,481.75 | 43,255.94 | 11,262.30 | 32,406.84 | 27,593.16 | 60,000.00 | | |

Miscellaneous covers the cost for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(4)c Bridge Lighting Poles (single lamp)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-----------|---|------|----------|---------------|--------|--------|-------|--------|-----------|-----------------|------------------|-----------------|------------------|------------------|------------------|------------|---------|
| | | | | Component (%) | | | | | Labor | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Material | Equipment | Foreign | Local | | | |
| L002 | Foreman | md | 0.29 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 164.14 | 0.00 | 0.00 | 0.00 | 164.14 | 164.14 | | |
| L012 | Electrician | md | 0.34 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 143.14 | 0.00 | 0.00 | 0.00 | 143.14 | 143.14 | | |
| L020 | Unskilled Labor | md | 0.58 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 182.12 | 0.00 | 0.00 | 0.00 | 182.12 | 182.12 | | |
| M13001 | Street Lighting Fixture (110~400W) | each | 1.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 7,920.00 | 0.00 | 7,920.00 | 0.00 | 4,752.00 | 3,168.00 | 7,920.00 | | |
| M13011 | Street Lighting Stabilizer | each | 1.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 2,600.00 | 0.00 | 2,600.00 | 0.00 | 1,690.00 | 910.00 | 2,600.00 | | |
| M13021 | Street Lighting Lamp | each | 1.00 | 0.0% | 100.0% | 0.0% | 60.0% | 40.0% | 1,320.00 | 0.00 | 1,320.00 | 0.00 | 792.00 | 528.00 | 1,320.00 | | |
| W1201 | Street Lighting Pole (single lamp), furnished | each | 1.00 | 10.4% | 60.1% | 29.6% | 56.5% | 43.5% | 16,700.00 | 1,728.95 | 10,034.02 | 4,937.02 | 9,442.86 | 7,257.14 | 16,700.00 | | |
| R0402-005 | Truck Crane, Hydraulic 2-5t | hr | 1.54 | 17.9% | 10.9% | 71.2% | 45.7% | 54.3% | 412.00 | 113.57 | 69.16 | 451.75 | 290.09 | 344.39 | 634.48 | | |
| Q0405-009 | Lift Car, 8~9m | hr | 0.95 | 9.7% | 4.0% | 86.4% | 52.6% | 47.4% | 326.00 | 76.02 | 31.05 | 677.63 | 412.37 | 372.33 | 784.70 | | |
| W1011 | Electric Cable Laying | m | 30.00 | 21.8% | 76.3% | 1.9% | 42.8% | 57.2% | 83.80 | 548.61 | 1,917.04 | 48.35 | 1,076.13 | 1,437.87 | 2,514.00 | | |
| | Miscellaneous | LS | 1.00 | 5.0% | 60.0% | 35.0% | 50.0% | 50.0% | | 49.44 | 593.33 | 346.11 | 494.44 | 494.44 | 988.88 | 3.0% | |
| | Total | | | | | | | | | 3,006.00 | 24,484.60 | 6,460.86 | 18,949.89 | 15,001.57 | 33,951.46 | | |
| | Components (%) | | | | | | | | | 8.9% | 72.1% | 19.0% | 55.8% | 44.2% | 100.0% | | |
| | Unit Rate | each | | | | | | | | 3,010.30 | 24,519.61 | 6,470.09 | 18,976.98 | 15,023.02 | 34,000.00 | | |

Miscellaneous covers the cost for fixing materials, ancillary devices, cable connection, power reception, testing, etc.

SPL 620(4)d Street Lighting Service Pole with Panel

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|--------|--------|-------|--------|------------|----------------|-----------|-----------|-----------|-----------|------------|-----------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W0105 | Excavation, Backhoe 0.61m | m3 | 8.82 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 15.87 | 30.30 | 314.57 | 190.75 | 168.99 | 360.74 | |
| W0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 0.59 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 4.47 | 8.09 | 42.31 | 28.24 | 26.63 | 54.87 | |
| W0135 | Backfill, Manpower + Compactor | m3 | 8.23 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 490.96 | 35.52 | 102.29 | 78.67 | 550.10 | 628.77 | |
| W0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 1.17 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 43.48 | 1,512.51 | 280.91 | 1,045.13 | 791.77 | 1,836.90 | Loss 2.0% |
| W0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 1.15 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 45.91 | 0.58 | 249.06 | 133.47 | 162.08 | 295.55 | |
| W0237 | Concrete Curing (reinforced concrete) | m3 | 1.15 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 3.61 | 0.37 | 0.86 | 0.68 | 4.16 | 4.84 | |
| W0241 | Formwork (reinforced concrete H4m) | m2 | 10.92 | 58.3% | 38.9% | 0.8% | 2.9% | 97.1% | 224.00 | 1,450.18 | 976.71 | 19.18 | 71.38 | 2,374.70 | 2,446.08 | |
| W0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 75.80 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 268.22 | 1,360.02 | 137.90 | 953.63 | 812.51 | 1,766.14 | |
| L002 | Foreman | md | 0.12 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 588.00 | 67.92 | 0.00 | 0.00 | 0.00 | 67.92 | 67.92 | |
| L012 | Electrician | md | 0.15 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 63.15 | 0.00 | 0.00 | 0.00 | 63.15 | 63.15 | |
| L020 | Unskilled Labor | md | 0.25 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 78.50 | 0.00 | 0.00 | 0.00 | 78.50 | 78.50 | |
| M13061 | Lighting Panel For Street Lights | each | 1.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 20,300.00 | 0.00 | 20,300.00 | 0.00 | 11,165.00 | 9,135.00 | 20,300.00 | |
| M13160 | Electric Service Meter | each | 1.00 | 0.0% | 100.0% | 0.0% | 65.0% | 35.0% | 3,610.00 | 0.00 | 3,610.00 | 0.00 | 2,346.50 | 1,263.50 | 3,610.00 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 0.80 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 58.98 | 36.08 | 292.94 | 182.52 | 205.48 | 388.00 | |
| Q0405-013 | Lift Car, 12~13m | hr | 0.95 | 6.8% | 3.0% | 90.2% | 54.1% | 45.9% | 1,180.00 | 76.31 | 33.48 | 1,011.22 | 607.02 | 513.98 | 1,121.00 | |
| M13051 | Electric Cable | m | 60.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 62.30 | 0.00 | 3,738.00 | 0.00 | 2,055.90 | 1,682.10 | 3,738.00 | |
| W1001 | Underground Cable Duct | m | 30.00 | 13.1% | 68.3% | 18.6% | 47.1% | 52.9% | 360.00 | 1,413.93 | 7,381.22 | 2,004.85 | 5,085.39 | 5,714.61 | 10,800.00 | |
| | Miscellaneous | LS | 1.00 | 5.0% | 50.0% | 45.0% | 50.0% | 50.0% | | 71.34 | 713.41 | 642.07 | 713.41 | 713.41 | 1,426.81 | 3.0% |
| Total | | | | | | | | | | 4,152.84 | 39,736.29 | 5,098.14 | 24,857.68 | 24,329.59 | 48,987.27 | |
| Components (%) | | | | | | | | | | 8.5% | 81.1% | 10.4% | 50.3% | 49.7% | 100.0% | |
| Unit Rate | | | each | | | | | | | 4,153.92 | 39,746.62 | 5,199.46 | 24,664.08 | 24,335.92 | 49,000.00 | |

Miscellaneous covers the cost for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(4)e Fluorescent Lighting for Underpass Culvert

Unit: 10.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------------|--|------|----------|---------------|--------|--------|-------|--------|------------|----------------|----------|-----------|----------|----------|------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 0.10 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 588.00 | 56.60 | 0.00 | 0.00 | 0.00 | 56.60 | 56.60 | |
| L012 | Electrician | md | 0.80 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 336.80 | 0.00 | 0.00 | 0.00 | 336.80 | 336.80 | |
| L020 | Unskilled Labor | md | 0.30 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 94.20 | 0.00 | 0.00 | 0.00 | 94.20 | 94.20 | |
| M13131 | Ceiling Lamp, 40W 220V Fluorescent Lighting Fixtures, Box Type | each | 10.00 | 0.0% | 100.0% | 0.0% | 80.0% | 40.0% | 496.00 | 0.00 | 4,960.00 | 0.00 | 2,976.00 | 1,984.00 | 4,960.00 | |
| M13151 | One-way Wall Switch | each | 2.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 30.50 | 0.00 | 61.00 | 0.00 | 33.55 | 27.45 | 61.00 | |
| M13051 | Electric Cable | m | 54.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 62.30 | 0.00 | 3,364.20 | 0.00 | 1,850.31 | 1,513.89 | 3,364.20 | |
| | Miscellaneous | LS | 1.00 | 8.0% | 45.0% | 47.0% | 40.0% | 60.0% | | 28.39 | 159.71 | 166.81 | 141.96 | 141.96 | 354.91 | 4.0% |
| Total | | | | | | | | | | 515.99 | 8,544.91 | 166.81 | 5,001.82 | 4,225.89 | 9,227.71 | |
| Components (%) | | | | | | | | | | 5.6% | 92.8% | 1.8% | 54.2% | 45.8% | 100.0% | |
| Unit Rate | | | each | | | | | | | 51.61 | 854.70 | 16.69 | 500.31 | 422.69 | 923.00 | |

Miscellaneous covers the cost for minor tolls, ancillary devices, power reception, testing, etc.

SPL 620(5)a Relocation of Street Lighting Poles (Single Lamp)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-----------|--|------|----------|---------------|--------|--------|-------|--------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------|
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Local | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | |
| #0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.69 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 168.04 | 90.24 | 357.20 | 251.92 | 363.56 | 615.48 | |
| #0025 | Disposal of Demolished Debris | m3 | 0.69 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 15.36 | 12.18 | 66.99 | 44.31 | 50.22 | 94.53 | |
| #0105 | Excavation, Backhoe 0.61m3 | m3 | 4.33 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 7.79 | 14.88 | 154.43 | 93.65 | 83.45 | 177.10 | |
| #0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 0.53 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 4.01 | 7.27 | 38.00 | 25.37 | 23.92 | 49.29 | |
| #0135 | Backfill, Manpower + Compactor | m3 | 3.80 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 226.69 | 16.40 | 47.23 | 36.32 | 254.00 | 290.32 | |
| #0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.70 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 26.02 | 904.92 | 168.07 | 625.29 | 473.71 | 1,099.00 | Loss 2.0% |
| #0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.69 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 27.55 | 0.35 | 149.43 | 80.08 | 97.25 | 177.33 | |
| #0237 | Concrete Curing (reinforced concrete) | m3 | 0.69 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.16 | 0.22 | 0.52 | 0.40 | 2.50 | 2.90 | |
| #0241 | Formwork (reinforced concrete H<4m) | m2 | 4.35 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 577.68 | 389.07 | 7.64 | 28.43 | 945.97 | 974.40 | |
| #0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 95.60 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 338.28 | 1,715.28 | 173.92 | 1,202.73 | 1,024.75 | 2,227.48 | |
| L002 | Foreman | md | 0.38 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 215.08 | 0.00 | 0.00 | 0.00 | 215.08 | 215.08 | |
| L012 | Electrician | md | 0.44 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 185.24 | 0.00 | 0.00 | 0.00 | 185.24 | 185.24 | |
| L020 | Unskilled Labor | md | 0.75 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 235.50 | 0.00 | 0.00 | 0.00 | 235.50 | 235.50 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 1.91 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 140.81 | 86.15 | 699.39 | 435.76 | 490.59 | 926.35 | |
| Q0405-013 | Lift Car, 12~13m | hr | 0.95 | 6.8% | 3.0% | 90.2% | 54.1% | 45.9% | 1,180.00 | 76.31 | 33.48 | 1,011.22 | 607.02 | 513.98 | 1,121.00 | |
| M13051 | Electric Cable | m | 30.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 62.30 | 0.00 | 1,869.00 | 0.00 | 1,027.95 | 841.05 | 1,869.00 | |
| | Miscellaneous | LS | 1.00 | 10.0% | 45.0% | 45.0% | 50.0% | 50.0% | | 61.56 | 277.02 | 277.02 | 307.80 | 307.80 | 615.60 | 6.0% |
| | Total | | | | | | | | | 2,308.08 | 5,416.46 | 3,151.05 | 4,767.05 | 6,108.55 | 10,875.60 | |
| | Components (%) | | | | | | | | | 21.2% | 49.8% | 29.0% | 43.8% | 56.2% | 100.0% | |
| | Unit Rate | each | | | | | | | | 2,313.26 | 5,428.62 | 3,158.12 | 4,772.74 | 6,122.26 | 10,900.00 | |

Miscellaneous covers the cost for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(5)b Relocation of Street Lighting Poles (Dual Lamp)

Unit: 1.00 each

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-----------|--|------|----------|---------------|--------|--------|-------|--------|------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|-----------|
| | | | | Component (%) | | | | | | Labor | Material | Component (PP) | | Local | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | | | |
| #0013 | Demolition by Pneumatic Handhold Breaker (Lightly Reinforced Structures) | m3 | 0.69 | 27.3% | 14.7% | 58.0% | 40.9% | 59.1% | 892.00 | 168.04 | 90.24 | 357.20 | 251.92 | 363.56 | 615.48 | |
| #0025 | Disposal of Demolished Debris | m3 | 0.69 | 16.2% | 12.9% | 70.9% | 46.9% | 53.1% | 137.00 | 15.36 | 12.18 | 66.99 | 44.31 | 50.22 | 94.53 | |
| #0105 | Excavation, Backhoe 0.61m3 | m3 | 4.33 | 4.4% | 8.4% | 87.2% | 52.9% | 47.1% | 40.90 | 7.79 | 14.88 | 154.43 | 93.65 | 83.45 | 177.10 | |
| #0111 | Disposal of Surplus Soil (backhoe loading) | m3 | 0.53 | 8.1% | 14.8% | 77.1% | 51.5% | 48.5% | 93.00 | 4.01 | 7.27 | 38.00 | 25.37 | 23.92 | 49.29 | |
| #0135 | Backfill, Manpower + Compactor | m3 | 3.80 | 78.1% | 5.6% | 16.3% | 12.5% | 87.5% | 76.40 | 226.69 | 16.40 | 47.23 | 36.32 | 254.00 | 290.32 | |
| #0203 | Concrete (Class A, 21MPa, max agg. 38mm) | m3 | 0.70 | 2.4% | 82.3% | 15.3% | 56.9% | 43.1% | 1,570.00 | 26.02 | 904.92 | 168.07 | 625.29 | 473.71 | 1,099.00 | Loss 2.0% |
| #0232 | Concrete Pouring by Pump Vehicle (reinforced concrete) | m3 | 0.69 | 15.5% | 0.2% | 84.3% | 45.2% | 54.8% | 257.00 | 27.55 | 0.35 | 149.43 | 80.08 | 97.25 | 177.33 | |
| #0237 | Concrete Curing (reinforced concrete) | m3 | 0.69 | 74.6% | 7.6% | 17.8% | 14.0% | 86.0% | 4.21 | 2.16 | 0.22 | 0.52 | 0.40 | 2.50 | 2.90 | |
| #0241 | Formwork (reinforced concrete H<4m) | m2 | 4.35 | 59.3% | 39.9% | 0.8% | 2.9% | 97.1% | 224.00 | 577.68 | 389.07 | 7.64 | 28.43 | 945.97 | 974.40 | |
| #0251 | Reinforcement Grade 40, cutting, bending & assembly | kg | 95.60 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 338.28 | 1,715.28 | 173.92 | 1,202.73 | 1,024.75 | 2,227.48 | |
| L002 | Foreman | md | 0.50 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 283.00 | 0.00 | 0.00 | 0.00 | 283.00 | 283.00 | |
| L012 | Electrician | md | 0.59 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 421.00 | 248.39 | 0.00 | 0.00 | 0.00 | 248.39 | 248.39 | |
| L020 | Unskilled Labor | md | 1.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 314.00 | 0.00 | 0.00 | 0.00 | 314.00 | 314.00 | |
| R0402-010 | Truck Crane, Hydraulic 6-10t | hr | 1.91 | 15.2% | 9.3% | 75.5% | 47.0% | 53.0% | 485.00 | 140.81 | 86.15 | 699.39 | 435.76 | 490.59 | 926.35 | |
| Q0405-013 | Lift Car, 12~13m | hr | 0.95 | 6.8% | 3.0% | 90.2% | 54.1% | 45.9% | 1,180.00 | 76.31 | 33.48 | 1,011.22 | 607.02 | 513.98 | 1,121.00 | |
| M13051 | Electric Cable | m | 30.00 | 0.0% | 100.0% | 0.0% | 55.0% | 45.0% | 62.30 | 0.00 | 1,869.00 | 0.00 | 1,027.95 | 841.05 | 1,869.00 | |
| | Miscellaneous | LS | 1.00 | 10.0% | 45.0% | 45.0% | 50.0% | 50.0% | | 62.82 | 282.68 | 282.68 | 314.09 | 314.09 | 628.17 | 6.0% |
| | Total | | | | | | | | | 2,518.91 | 5,422.12 | 3,156.71 | 4,773.33 | 6,324.41 | 11,097.74 | |
| | Components (%) | | | | | | | | | 22.7% | 48.9% | 28.4% | 43.0% | 57.0% | 100.0% | |
| | Unit Rate | each | | | | | | | | 2,519.42 | 5,423.22 | 3,157.35 | 4,774.30 | 6,325.70 | 11,100.00 | |

Miscellaneous covers the cost for ancillary devices, cable connection, power reception, testing, etc.

SPL 620(6) Toll Gate Facilities

Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|---------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W3401 | Toll Gate Canopy Structure with Catwalk & Stairways | m2 | 978.10 | 7.0% | 50.0% | 43.0% | 55.0% | 45.0% | 3,310.00 | 226,625.77 | 1,618,755.50 | 1,392,129.73 | 1,780,631.05 | 1,456,879.95 | 3,237,511.00 | |
| W3402 | Toll Islands with barriers, cable duct & trench, protection gate, etc. | m2 | 657.00 | 12.0% | 44.0% | 44.0% | 45.0% | 55.0% | 980.00 | 77,263.20 | 283,298.40 | 283,298.40 | 289,737.00 | 354,123.00 | 643,860.00 | |
| W3403 | Administration Building with fixtures, equipment and furniture | m2 | 494.60 | 10.0% | 50.0% | 40.0% | 50.0% | 50.0% | 6,960.00 | 344,241.60 | 1,721,208.00 | 1,376,966.40 | 1,721,208.00 | 1,721,208.00 | 3,442,416.00 | |
| W3404 | Electrical Service Center with fixtures, generator, and equipment | m2 | 46.38 | 10.0% | 54.0% | 36.0% | 50.0% | 50.0% | 5,660.00 | 26,248.25 | 141,740.55 | 94,493.70 | 131,241.25 | 131,241.25 | 262,482.50 | |
| W3405 | Mini Building with fixtures | m2 | 33.25 | 10.0% | 54.0% | 36.0% | 50.0% | 50.0% | 5,220.00 | 17,356.50 | 91,725.10 | 62,463.40 | 86,782.50 | 86,782.50 | 173,565.00 | |
| W3406 | Water Tank System (deep well with elevated tank) | L.S. | 1.00 | 9.0% | 54.0% | 37.0% | 55.0% | 45.0% | 380,000.00 | 34,200.00 | 205,200.00 | 140,600.00 | 209,000.00 | 171,000.00 | 380,000.00 | |
| W3407 | Toll Operation Equipment | L.S. | 1.00 | 6.0% | 75.0% | 19.0% | 80.0% | 20.0% | 78,400,000.00 | 4,704,000.00 | 58,800,000.00 | 14,896,000.00 | 62,720,000.00 | 15,680,000.00 | 78,400,000.00 | |
| | Miscellaneous | L.S. | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 5,429,935.32 | 62,863,927.55 | 18,245,971.63 | 86,938,599.80 | 19,601,234.70 | 86,539,834.50 | |
| | Components (%) | | | | | | | | | 6.3% | 72.6% | 21.1% | 77.4% | 22.6% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 5,427,435.91 | 62,834,991.13 | 18,237,572.96 | 86,907,787.80 | 19,592,212.20 | 86,500,000.00 | |

Part K Mobilization and Demobilization

SPL 800 Mobilization and Demobilization

Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|--------------|-------------------|-------------------|---------------------|---------------------|---------------------|---------------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W2001 | Heavy Equipment Assembly & Disassembly | L.S. | 1.00 | 25.9% | 7.9% | 66.1% | 40.9% | 59.1% | 85,900.00 | 22,264.87 | 6,825.55 | 56,809.58 | 35,167.21 | 50,732.79 | 85,900.00 | |
| W2002 | Transportation of Disassembled Equipment | L.S. | 1.00 | 4.7% | 10.6% | 84.6% | 52.9% | 47.1% | 284,000.00 | 13,442.18 | 30,198.18 | 240,359.64 | 150,184.74 | 133,815.26 | 284,000.00 | |
| W2003 | Other Equipment & Material Haulage | L.S. | 1.00 | 9.0% | 15.4% | 75.6% | 51.1% | 48.9% | 191,000.00 | 17,182.73 | 29,453.24 | 144,364.04 | 97,517.65 | 93,482.35 | 191,000.00 | |
| W2004 | Establishment of Temporary Site Office & Yard | L.S. | 1.00 | 10.0% | 50.0% | 40.0% | 45.0% | 55.0% | 1,140,000.00 | 114,000.00 | 570,000.00 | 456,000.00 | 513,000.00 | 627,000.00 | 1,140,000.00 | |
| | Miscellaneous | L.S. | 1.00 | 10.0% | 48.0% | 42.0% | 50.0% | 50.0% | | 51,027.00 | 244,929.60 | 214,313.40 | 255,135.00 | 255,135.00 | 510,270.00 | 30.0% |
| | Total | | | | | | | | | 217,916.78 | 881,406.56 | 1,111,846.66 | 1,051,064.59 | 1,160,165.41 | 2,211,170.00 | |
| | Components (%) | | | | | | | | | 9.9% | 50.3% | 47.5% | 52.6% | 100.0% | | |
| | Unit Rate | L.S. | | | | | | | | 217,801.47 | 880,940.18 | 1,111,258.35 | 1,050,448.47 | 1,159,551.53 | 2,210,000.00 | |

Miscellaneous covers the cost for maintenance works, common temporary works, etc.

Part X Provisional Sum

SPL 900(1) Provisional Sum for Traffic Management during Construction

Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-----------|--------------------|------|----------|---------------|-------|--------|-------|--------|------------|------------------|-----------------|------------------|------------------|------------------|------------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| L002 | Foreman | md | 4.50 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 566.00 | 2,547.00 | 0.00 | 0.00 | 0.00 | 2,547.00 | 2,547.00 | |
| L020 | Unskilled Labor | md | 120.00 | 100.0% | 0.0% | 0.0% | 0.0% | 100.0% | 314.00 | 37,680.00 | 0.00 | 0.00 | 0.00 | 37,680.00 | 37,680.00 | |
| R0603-002 | Pick-up truck 2.2l | hr | 67.05 | 14.0% | 10.9% | 75.1% | 47.8% | 52.2% | 589.00 | 5,528.94 | 4,304.68 | 29,658.83 | 18,894.06 | 20,598.39 | 39,492.45 | |
| | Miscellaneous | L.S. | 1.00 | 0.0% | 45.0% | 55.0% | 50.0% | 50.0% | | 0.00 | 717.48 | 876.91 | 797.19 | 797.19 | 1,594.39 | 2.0% |
| | Total | | | | | | | | | 45,755.94 | 5,022.15 | 30,535.74 | 19,691.25 | 61,622.58 | 81,313.84 | |
| | Components (%) | | | | | | | | | 56.3% | 8.2% | 37.6% | 24.2% | 75.9% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 45,748.16 | 5,021.30 | 30,530.55 | 19,687.90 | 61,612.10 | 81,300.00 | |

Miscellaneous covers the costs for traffic cones, barriers, signs, minor tools, etc.

Number of locations = 1
Average Period per location = 30 days

SPL 900(2) Provisional Sum for Relocation of Existing Utilities

Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|---------------------------------------|------|----------|---------------|-------|--------|-------|-------|------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| W3501 | Relocation of Existing Lighting Poles | each | 3.00 | 27.0% | 22.6% | 50.4% | 39.0% | 61.0% | 6,670.00 | 5,403.46 | 4,524.89 | 10,081.66 | 7,794.31 | 12,215.69 | 20,010.00 | |
| W3502 | Relocation of Underground Conduit | m | 130.00 | 18.0% | 24.7% | 57.3% | 44.7% | 55.3% | 443.00 | 10,376.38 | 14,202.90 | 33,010.72 | 25,781.60 | 31,828.40 | 57,590.00 | |
| W3503 | Relocation of Watermain | m | 26.00 | 5.1% | 77.1% | 17.8% | 55.8% | 44.2% | 1,460.00 | 1,952.95 | 29,257.56 | 6,749.49 | 21,164.40 | 16,795.60 | 37,960.00 | |
| W3504 | Relocation of Sewer Pipe | m | 52.00 | 16.2% | 47.2% | 36.5% | 48.2% | 51.8% | 3,290.00 | 27,757.31 | 80,795.31 | 62,527.38 | 82,400.66 | 88,679.34 | 171,090.00 | |
| | Miscellaneous | L.S. | 1.00 | 30.0% | 40.0% | 30.0% | 50.0% | 50.0% | | 8,599.20 | 11,465.60 | 8,599.20 | 14,332.00 | 14,332.00 | 28,664.00 | 10.0% |
| | Total | | | | | | | | | 54,089.30 | 140,246.26 | 120,968.44 | 151,452.97 | 163,851.03 | 315,304.00 | |
| | Components (%) | | | | | | | | | 17.2% | 44.5% | 38.4% | 48.0% | 52.0% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 54,037.16 | 140,113.04 | 120,851.81 | 151,306.94 | 163,693.06 | 315,000.00 | |

Miscellaneous covers the costs for compensation, extra works, etc.

SPL 900(3) Provisional Sum for Geotechnical Investigation Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|--------------|----------------|--------------|--------------|--------------|--------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | |
| #4001 | Soil Investigation Boring | m | 560.00 | 18.0% | 8.0% | 74.0% | 50.0% | 50.0% | 2,950.00 | 297,360.00 | 132,160.00 | 1,222,480.00 | 826,000.00 | 826,000.00 | 1,652,000.00 | |
| #4002 | Soil Investigation Standard Penetration Test | each | 560.00 | 25.0% | 5.0% | 70.0% | 50.0% | 50.0% | 1,630.00 | 228,200.00 | 45,640.00 | 638,960.00 | 456,400.00 | 456,400.00 | 912,800.00 | |
| #4003 | Soil Investigation Laboratory Test | set | 112.00 | 30.0% | 15.0% | 55.0% | 50.0% | 50.0% | 18,900.00 | 635,040.00 | 317,520.00 | 1,164,240.00 | 1,058,400.00 | 1,058,400.00 | 2,116,800.00 | |
| | Miscellaneous | LS | 1.00 | 10.0% | 10.0% | 80.0% | 30.0% | 70.0% | | 93,632.00 | 93,632.00 | 749,056.00 | 280,896.00 | 655,424.00 | 936,320.00 | 20.0% |
| | Total | | | | | | | | | 1,254,232.00 | 588,952.00 | 3,774,736.00 | 2,621,696.00 | 2,996,224.00 | 5,617,920.00 | |
| | Components (%) | | | | | | | | | 22.3% | 10.5% | 67.2% | 46.7% | 53.3% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 1,254,696.37 | 589,170.06 | 3,776,133.57 | 2,622,666.67 | 2,997,333.33 | 5,620,000.00 | |

Miscellaneous covers the cost for mobilization, falseworks, reporting, overhead for the sub contractor, etc.

SPL 900(4) Provisional Sum for Maintenance and Repair of Existing Access Road Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Remarks |
|----------|--|------|----------|---------------|-------|--------|-------|-------|------------|------------|----------------|------------|------------|------------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | |
| #3511 | Repair & Maintenance of Existing Access Road | m2 | 8,800.00 | 20.8% | 16.4% | 62.8% | 41.2% | 58.8% | 75.20 | 106,543.22 | 83,854.74 | 320,962.04 | 210,665.15 | 300,694.85 | 511,360.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 106,543.22 | 83,854.74 | 320,962.04 | 210,665.15 | 300,694.85 | 511,360.00 | |
| | Components (%) | | | | | | | | | 20.8% | 16.4% | 62.8% | 41.2% | 58.8% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 106,468.21 | 83,795.71 | 320,736.08 | 210,516.64 | 300,483.16 | 511,000.00 | |

SPL 900(5) Provisional Sum for Environmental Compliance Requirements Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Remarks |
|----------|--------------------------|------|----------|---------------|-------|--------|------|-------|------------|------------|----------------|----------|-----------|------------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | |
| #4101 | Environmental Compliance | km | 2.60 | 50.2% | 49.0% | 0.8% | 0.8% | 99.2% | 87,700.00 | 127,475.88 | 124,551.80 | 1,992.31 | 1,992.31 | 252,027.69 | 254,020.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 127,475.88 | 124,551.80 | 1,992.31 | 1,992.31 | 252,027.69 | 254,020.00 | |
| | Components (%) | | | | | | | | | 50.2% | 49.0% | 0.8% | 0.8% | 99.2% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 127,465.85 | 124,542.00 | 1,992.16 | 1,992.16 | 252,007.84 | 254,000.00 | |

SPL 900(6) Provisional Sum for Health and Safety Requirements Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Remarks |
|----------|--------------------------------|------|----------|---------------|-------|--------|-------|-------|------------|------------|----------------|------------|------------|------------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | |
| #4111 | Health and Safety Requirements | day | 1,080.00 | 10.0% | 55.0% | 35.0% | 40.0% | 60.0% | 674.00 | 72,792.00 | 400,356.00 | 254,772.00 | 291,168.00 | 436,752.00 | 727,920.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 72,792.00 | 400,356.00 | 254,772.00 | 291,168.00 | 436,752.00 | 727,920.00 | |
| | Components (%) | | | | | | | | | 10.0% | 55.0% | 35.0% | 40.0% | 60.0% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 72,800.00 | 400,400.00 | 254,800.00 | 291,200.00 | 436,800.00 | 728,000.00 | |

SPL 900(7) Provisional Sum for Overseas Development Assistance (ODA) Recognition Plate Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Remarks |
|----------|---|------|----------|---------------|-------|--------|-------|-------|------------|------------|----------------|----------|------------|-----------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | |
| #4121 | Overseas Development Assistance (ODA) Recognition Plate | each | 2.00 | 1.8% | 96.2% | 2.1% | 63.1% | 36.9% | 93,600.00 | 3,300.38 | 180,018.76 | 3,880.86 | 118,081.29 | 69,118.71 | 187,200.00 | |
| | Miscellaneous | LS | 1.00 | 30.0% | 40.0% | 30.0% | 50.0% | 50.0% | | 1,123.20 | 1,497.60 | 1,123.20 | 1,872.00 | 1,872.00 | 3,744.00 | 2.0% |
| | Total | | | | | | | | | 4,423.58 | 181,516.36 | 5,004.06 | 119,953.29 | 70,990.71 | 190,944.00 | |
| | Components (%) | | | | | | | | | 2.3% | 95.1% | 2.6% | 62.8% | 37.2% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 4,424.88 | 181,569.60 | 5,005.63 | 119,988.47 | 71,011.53 | 191,000.00 | |

Miscellaneous covers the costs for maintenance, etc.

SPL 900(8) Provisional Sum for Contingency Unit: 1.00 L.S.

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Remarks |
|----------|-----------------------|------|----------|---------------|-------|--------|-------|-------|------------|------------|----------------|------------|------------|------------|------------|---------|
| | | | | Component (%) | | | | | Total (PP) | | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | Labor | Material | Equipment | Foreign | Local | |
| #4201 | Contingency | L.S. | 1.00 | 15.0% | 45.0% | 40.0% | 50.0% | 50.0% | 500,000.00 | 75,000.00 | 225,000.00 | 200,000.00 | 250,000.00 | 250,000.00 | 500,000.00 | |
| | Miscellaneous | LS | 1.00 | | | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% |
| | Total | | | | | | | | | 75,000.00 | 225,000.00 | 200,000.00 | 250,000.00 | 250,000.00 | 500,000.00 | |
| | Components (%) | | | | | | | | | 15.0% | 45.0% | 40.0% | 50.0% | 50.0% | 100.0% | |
| | Unit Rate | L.S. | | | | | | | | 75,000.00 | 225,000.00 | 200,000.00 | 250,000.00 | 250,000.00 | 500,000.00 | |