

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
REPUBLIC OF THE PHILIPPINES**

**THE DETAILED DESIGN STUDY
ON
UPGRADING INTER-URBAN HIGHWAY SYSTEM
ALONG THE PAN-PHILIPPINE HIGHWAY
(PLARIDEL, CABANATUAN AND SAN JOSE BYPASSES)**

INITIAL STAGE



UNIT PRICE ANALYSIS

FOR

SAN JOSE BYPASS PACKAGE I

December 2002

**KATAHIRA & ENGINEERS INTERNATIONAL
YACHIYO ENGINEERING CO., LTD**

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1. General Conditions for Cost Estimate

1) Procedure of Cost Estimation

Based on "Department Order No. 57, 2002", Department of Public Works and Highways

2) Currency Exchange Rate 1 US\$ = 52.28 PP = 120.12 yen as of 23/August/2002

3) Minimum Wage for Labor

a) Wage Order No. RBIII-09, Effective from Jan. 16, 2002
National Wages and Productivity Commission, Department of Labor and Employment

4) Social Charge

a) National Health Insurance Program (NHIP)
National Health Insurance Act (Art. X, RA 7875), effective from January 1, 2002
b) Social Security System (SSS)
SSC Resolution No. 900-s2001, effective from January 1, 2002

5) Material Cost

a) "Metro Manila Construction Materials Price and Indices",
DTI, Construction Industry Authority of the Philippines (March, 2002)
b) According to inquiries, quotations, other projects, hearing survey, etc.
c) "Construction Price Book", Kensetu Bukka Chousa-kai, Japan

6) Equipment Cost

a) "Equipment Guidebook", Association of Carriers and Equipment Lessors (ACEL), INC. (Nov. 1998)
b) "Equipment Depreciation Cost Estimate Table", Japan Construction Equipment Association

7) Productivity

a) "Construction Cost Estimate Standard", Ministry of Land Development and Transportation, Japan
b) "Highway and Bridge Estimating Manual", DPWH, Bureau of Research and Standards (Dec. 1992)

8) General Basis Used for Cost Estimate

| Bypass | | | San Jose |
|---|------------|--------|-------------------------------|
| Package No. | | | 1 |
| Station | Start | m | 155+828.866 |
| | End | m | 163+808.107 |
| Construction Length | | m | 7,979.241 |
| Province | | - | Nueva Ecija, Central Luzon |
| Distance from Manila | | km | 156.0 |
| Construction Period | | month | 28.0 |
| Minimum Wage for Labor | | PP/day | 224.50 |
| Equipment Rental Extra out of Manila | | % | 2.0% |
| Mobilization Distance | | km | 156.0 |
| Hauling Distance from near by material source | Soil | km | 7.0 |
| | Sand | km | 7.0 |
| | Aggregate | km | 7.0 |
| | Gravel | km | 7.0 |
| Hauling Distance for disposal | Soil | km | 5.0 |
| | Debris | km | 5.0 |
| Average Distance for Batching Plant, Fabrication Yard (= 1/4 x Construction Length) | | km | 2.0 |
| AASHTO Girder | Max. L | m | 40.0 |
| | Total nos. | each | 18 |

2. Estimated Project Cost

Project : Upgrading Inter-Urban Highway System Along the Pan-Philippine Highway - San Jose Bypass Initial Stage Pacakage 1
 Location: Region III Central Luzon

- Explanation of columns
 ①, ②, ③, ④, ⑤ = Input
 ⑥, ⑦, ⑧ = percentage of markups
 ⑨ = ⑥ + ⑦ + ⑧
 ⑩ = ⑤ x ⑨
 ⑪ = (⑥ + ⑩) x VAT(10.0%)
 ⑫ = ⑩ + ⑪
 ⑬ = ⑤ + ⑫
 ⑭ = ⑬ ÷ ③
 ⑮ = ⑮ x ⑭

(Based on Department Order No. 57, 2002 of DPWH)

| Total Estimated Direct Cost of the Project (PP) | | Indirect Costs (maximum) | | Mob/ Demob (max) | Markup Total (max) |
|---|------------|--------------------------|--------|------------------|--------------------|
| Above | up to | OCM | Profit | | |
| 0 | 1,000,000 | 13.0% | 15.0% | 1.0% | 29.0% |
| 1,000,000 | 5,000,000 | 12.0% | 14.0% | 1.0% | 27.0% |
| 5,000,000 | 10,000,000 | 12.0% | 13.0% | 1.0% | 26.0% |
| 10,000,000 | 20,000,000 | 11.0% | 12.0% | 1.0% | 24.0% |
| 20,000,000 | 50,000,000 | 11.0% | 11.0% | 1.0% | 23.0% |
| 50,000,000 | | 10.0% | 10.0% | 1.0% | 21.0% |

Markup percentage are determined by the following equations:

| Markup | Equation | Coefficients | |
|-------------|------------------------------|--------------|----------|
| | | a | b |
| OCM = | $a \cdot N^b$ | 0.2284 | -0.04660 |
| Profit = | $a + b \cdot \log(N)$ | 0.2813 | -0.02355 |
| Mob/Demob = | Estimated under Item SPL 800 | | |

where, N: Total Estimated Direct Cost (PP)
 a, b : Coefficients

Adopted Markup Percentage: 9.2% 8.1% 0.0% 17.3%

Value Added Tax = 10.0%

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|---------------|--|----------|----------------|----------------------------|-------------|--------|------------|--------------|---------------------|---------------------|--------------------------|----------------------|----------------|----------------------|---------------|
| | | | | | OCM | Profit | Mob/ Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| Part A | Facilities for the Engineer | | | | | | | | | | | | | | |
| A(1)a | Provision of Combined Field Office/Laboratory Bldg. and Living Quarter | 1.00 | L.S. | 2,380,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 411,740.00 | 279,174.00 | 690,914.00 | 3,070,914.00 | 3,070,914.00 | 3,070,914.00 | 0.711% |
| A(1)b | Maintenance of Field Office/Laboratory Bldg. and Living Quarter | 28.00 | month | 2,354,800.00 | 9.2% | 8.1% | 0.0% | 17.3% | 407,380.40 | 276,218.04 | 683,598.44 | 3,038,398.44 | 108,514.00 | 3,038,392.00 | 0.704% |
| A(1)c | Provision of Furniture and Fixtures for the Field Office/Laboratory and Living Quarter | 1.00 | L.S. | 549,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 94,977.00 | 64,397.70 | 159,374.70 | 708,374.70 | 708,375.00 | 708,375.00 | 0.164% |
| A(1)d | Provision of Equipment and Appliances for the Field Office/Laboratory Bldg. and Living Quarter | 1.00 | L.S. | 313,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 54,149.00 | 36,714.90 | 90,863.90 | 403,863.90 | 403,864.00 | 403,864.00 | 0.094% |
| A(1)e | Provision of Office Supplies and Consumables | 28.00 | month | 467,600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 80,894.80 | 54,849.48 | 135,744.28 | 603,344.28 | 21,548.00 | 603,344.00 | 0.140% |
| A(1)f | Provide/Operate/Maintain Communication Equipment | 28.00 | month | 154,840.00 | 9.2% | 8.1% | 0.0% | 17.3% | 26,787.32 | 18,162.73 | 44,950.05 | 199,790.05 | 7,135.00 | 199,780.00 | 0.046% |
| A(2)a | Provision of vehicles (sedan) for the Engineer (Rental including operation & maintenance) | 28.00 | veh-m | 2,002,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 346,346.00 | 234,834.60 | 581,180.60 | 2,583,180.60 | 92,256.00 | 2,583,168.00 | 0.598% |
| A(2)b | Provision of vehicles (wagon) for the Engineer (Rental including operation & maintenance) | 56.00 | veh-m | 4,849,600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 838,980.80 | 568,858.08 | 1,407,838.88 | 6,257,438.88 | 111,740.00 | 6,257,440.00 | 1.450% |
| A(2)c | Provision of vehicles (pick-up) for the Engineer (Rental including operation & maintenance) | 84.00 | veh-m | 4,200,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 726,600.00 | 492,660.00 | 1,219,260.00 | 5,419,260.00 | 64,515.00 | 5,419,260.00 | 1.255% |
| A(3) | Provision of Testing Equipment, Apparatus and Publications | 1.00 | L.S. | 1,040,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 179,920.00 | 121,992.00 | 301,912.00 | 1,341,912.00 | 1,341,912.00 | 1,341,912.00 | 0.311% |
| A(4) | Progress Photographs | 2,112.00 | each | 247,104.00 | 9.2% | 8.1% | 0.0% | 17.3% | 42,748.99 | 28,985.30 | 71,734.29 | 318,838.29 | 151.00 | 318,912.00 | 0.074% |
| | Subtotal | | | 18,687,944.00 | | | | | 3,210,524.31 | 2,176,846.83 | 5,387,371.14 | 23,945,315.14 | | 23,945,361.00 | 5.547% |
| Part C | Earthwork | | | | | | | | | | | | | | |
| 100(1) | Clearing and Grubbing | 37.00 | ha | 1,428,200.00 | 9.2% | 8.1% | 0.0% | 17.3% | 247,078.60 | 167,527.86 | 414,606.46 | 1,842,806.46 | 49,806.00 | 1,842,822.00 | 0.427% |
| 100(3) | Individual Removal of Trees, small (150mm ≤ φ < 900mm) | 90.00 | each | 7,920.00 | 9.2% | 8.1% | 0.0% | 17.3% | 1,370.16 | 929.02 | 2,299.18 | 10,219.18 | 114.00 | 10,260.00 | 0.002% |
| 100(4) | Individual Removal of Trees, large (φ > 900mm) | 10.00 | each | 1,210.00 | 9.2% | 8.1% | 0.0% | 17.3% | 209.33 | 141.93 | 351.26 | 1,561.26 | 156.00 | 1,560.00 | 0.000% |
| 101(1) | Removal of Structures and Obstructions | 1.00 | L.S. | 66,800.00 | 9.2% | 8.1% | 0.0% | 17.3% | 11,556.40 | 7,835.64 | 19,392.04 | 86,192.04 | 86,192.00 | 86,192.00 | 0.020% |
| 101(2)a | Removal of Existing Pedestrian Bridge (San Jose, at Bridge No. 2) | 1.00 | each | 66,700.00 | 9.2% | 8.1% | 0.0% | 17.3% | 11,539.10 | 7,823.91 | 19,363.01 | 86,063.01 | 86,063.00 | 86,063.00 | 0.020% |
| 101(2)b | Removal of Existing Bridge (Plaridel at Bridge No. 9) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(3)a | Removal of Existing PCC Pavement | 8,626.00 | m ² | 783,240.80 | 9.2% | 8.1% | 0.0% | 17.3% | 135,500.65 | 91,874.15 | 227,374.80 | 1,010,615.60 | 117.00 | 1,009,242.00 | 0.234% |
| 101(3)b | Removal of Existing Gravel Pavement | 0.00 | m ² | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(4)a | Removal of Existing Fence (Net Fence with Barbed Wire and Wooden Posts) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(4)b | Removal of Existing Fence (Net Fence with Barbed Wire and Concrete Posts) | 70.00 | m | 1,477.00 | 9.2% | 8.1% | 0.0% | 17.3% | 255.52 | 173.25 | 428.77 | 1,905.77 | 27.20 | 1,904.00 | 0.000% |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|--------------|--|------------|------|----------------------------|-------------|--------|-----------|--------------|---------------|---------------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/Denob | % | Value (PP) | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | |
| 101(4)c | Removal of Existing Fence (Concrete Hollow Block) | 180.00 | m | 16,182.00 | 9.2% | 8.1% | 0.0% | 17.3% | 2,799.48 | 1,898.15 | 4,697.63 | 20,879.63 | 116.00 | 20,880.00 | 0.005% |
| 101(5)a | Removal of Existing Guardrails | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(5)b | Relocation of Existing Guardrails | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(7) | Removal of Existing Slope Protection | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(8) | Removal of Existing Slope Protection (Hand-laid Rock) | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(9) | Removal of Existing Gabion | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 101(10)a | Relocation of Existing Transmission | 0.00 | L.S. | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 101(10)b | Shutdown Charge for the Relocation of Transmission Line | 0.00 | dny | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(11) | Removal of Existing Combination Concrete Curb & Gutter/Side Strip | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(12) | Relocation of Existing Road Signs | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(13) | Removal of Existing Road Signs | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 101(14) | Removal of Existing Concrete Revetment | 0.00 | L.S. | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 102(1) | Unsuitable Excavation | 106,790.00 | m3 | 13,348,750.00 | 9.2% | 8.1% | 0.0% | 17.3% | 2,309,333.75 | 1,565,808.38 | 3,875,142.13 | 17,223,892.13 | 161.00 | 17,193,190.00 | 3.990% |
| 102(2) | Surplus Common Excavation | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 103(1) | Structure Excavation | 2,331.00 | m3 | 340,326.00 | 9.2% | 8.1% | 0.0% | 17.3% | 58,876.39 | 39,920.24 | 98,796.63 | 439,122.63 | 188.00 | 438,228.00 | 0.102% |
| 103(2)a | Bridge Excavation above OWL (Common Soil) | 2,089.00 | m3 | 304,994.00 | 9.2% | 8.1% | 0.0% | 17.3% | 52,763.96 | 35,775.80 | 88,539.76 | 393,533.76 | 188.00 | 392,732.00 | 0.091% |
| 103(2)b | Bridge Excavation above OWL (Rocky Soil) | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 103(2)c | Bridge Excavation below OWL (Common Soil) | 2,036.00 | m3 | 2,239,600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 387,450.80 | 262,705.08 | 650,155.88 | 2,889,755.88 | 1,419.00 | 2,889,084.00 | 0.669% |
| 103(2)d | Bridge Excavation below OWL (Rocky Soil) | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 103(3)a | Gravel Foundation Pill | 202.00 | m3 | 82,618.00 | 9.2% | 8.1% | 0.0% | 17.3% | 14,292.91 | 9,691.09 | 23,984.00 | 106,602.00 | 528.00 | 106,656.00 | 0.025% |
| 103(3)b | Selected Sand Bedding | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 103(6) | Pipe Culverts and Drain Excavation | 9,896.00 | m3 | 1,403,812.00 | 9.2% | 8.1% | 0.0% | 17.3% | 242,859.47 | 164,667.15 | 407,526.62 | 1,811,338.62 | 183.00 | 1,809,138.00 | 0.420% |
| 103(7) | Granular Backfill for Pipe Culverts | 3,675.00 | m3 | 1,073,100.00 | 9.2% | 8.1% | 0.0% | 17.3% | 185,646.30 | 125,874.63 | 311,520.93 | 1,384,620.93 | 377.00 | 1,385,475.00 | 0.321% |
| 104(1) | Embankment from Excavated Soil | 12,540.00 | m3 | 1,881,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 325,413.00 | 220,641.30 | 546,054.30 | 2,427,054.30 | 194.00 | 2,432,760.00 | 0.562% |
| 104(3) | Embankment from Borrow Soil | 505,559.00 | m3 | 91,506,179.00 | 9.2% | 8.1% | 0.0% | 17.3% | 15,830,568.96 | 10,733,674.80 | 26,564,243.76 | 118,070,422.76 | 234.00 | 118,300,806.00 | 27.352% |
| 104(4) | Embankment from Borrow (Selected Granular Material) for Bridge | 1,546.00 | m3 | 420,512.00 | 9.2% | 8.1% | 0.0% | 17.3% | 72,748.57 | 49,326.06 | 122,074.63 | 542,586.63 | 351.00 | 542,646.00 | 0.126% |
| 105(1) | Subgrade Preparation (Common Soil) | 5,327.00 | m2 | 72,447.20 | 9.2% | 8.1% | 0.0% | 17.3% | 12,533.36 | 8,498.06 | 21,031.42 | 93,478.62 | 17.50 | 93,222.50 | 0.022% |
| 105(2) | Subgrade Preparation (Existing Gravel Surface) | 1,377.00 | m2 | 18,727.20 | 9.2% | 8.1% | 0.0% | 17.3% | 3,239.80 | 2,196.70 | 5,436.50 | 24,163.70 | 17.50 | 24,097.50 | 0.006% |
| | Subtotal | | | 115,083,795.20 | | | | | 19,906,036.51 | 13,496,983.20 | 33,403,019.71 | 148,466,814.91 | | 148,666,958.00 | 34.393% |
| Part D | Subbase and Base Course | | | | | | | | | | | | | | |
| 200(1) | Aggregate Subbase Course | 41,726.00 | m3 | 20,904,726.00 | 9.2% | 8.1% | 0.0% | 17.3% | 3,616,517.59 | 2,452,124.36 | 6,068,641.95 | 26,973,367.95 | 646.00 | 26,954,996.00 | 6.249% |
| 200(2) | Aggregate Subbase Course using materials born by removal of existing gravel pavement | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 201(1) | Aggregate Base Course | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 204(1) | Cement Stabilized Sand Base Course | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| | Subtotal | | | 20,904,726.00 | | | | | 3,616,517.59 | 2,452,124.36 | 6,068,641.95 | 26,973,367.95 | | 26,954,996.00 | 6.249% |
| Part E | Surface Courses | | | | | | | | | | | | | | |
| 300(1) | Gravel Surface Course | 8,787.00 | m3 | 4,384,713.00 | 9.2% | 8.1% | 0.0% | 17.3% | 758,555.34 | 514,326.83 | 1,272,882.17 | 5,657,595.17 | 644.00 | 5,658,828.00 | 1.311% |
| 301(1) | Prime Coat | 0.00 | t | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 302(1) | Tack Coat | 0.00 | t | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 310(1) | Bituminous Concrete Surface Course, hot laid | 0.00 | t | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 310(2) | Asphalt Mixture Wearing Course (t=50mm) for bridge pavement. | 0.00 | m2 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 310(3) | Waterproofing Layer for Pampanga Deck Slab | 0.00 | m2 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 311(1)a | PCC Pavement (Plain), t=280mm | 0.00 | m2 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 311(1)b | PCC Pavement (Plain), t=250mm | 71,362.00 | m2 | 40,890,428.00 | 9.2% | 8.1% | 0.0% | 17.3% | 7,074,043.69 | 4,796,446.97 | 11,870,490.66 | 52,760,916.66 | 739.00 | 52,736,518.00 | 12.222% |
| 311(1)c | PCC Pavement (Plain), t=230mm | 8,992.00 | m2 | 4,846,688.00 | 9.2% | 8.1% | 0.0% | 17.3% | 838,477.02 | 568,516.50 | 1,406,993.52 | 6,253,681.52 | 695.00 | 6,249,440.00 | 1.449% |
| 311(1)d | PCC Pavement (Plain), t=180mm | 27,148.00 | m2 | 12,460,932.00 | 9.2% | 8.1% | 0.0% | 17.3% | 2,155,741.23 | 1,461,667.32 | 3,617,408.55 | 16,078,340.55 | 592.00 | 16,071,616.00 | 3.725% |
| SPL 311(1)e | PCC Pavement (Lean Mix Concrete) | 0.00 | m3 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 311(2) | PCC Pavement (Reinforced), t=300mm (Approach Slab) | 584.00 | m2 | 1,203,040.00 | 9.2% | 8.1% | 0.0% | 17.3% | 208,125.92 | 141,116.59 | 349,242.51 | 1,552,282.51 | 2,658.00 | 1,552,272.00 | 0.360% |
| | Subtotal | | | 88,785,799.00 | | | | | 11,034,943.80 | 7,482,074.21 | 18,517,017.41 | 82,302,816.41 | | 82,288,674.00 | 19.066% |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|--------------|---|----------|------|----------------------------|-------------|--------|------------|--------------|------------|------------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/ Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| Part F | Bridge Construction | | | | | | | | | | | | | | |
| 400(3)a | Steel H Piles (450mmx260kg/m) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(4)a | Precast RC Concrete Pile (400mm x 400mm), furnished | 1,896.00 | m | 2,976,720.00 | 9.2% | 8.1% | 0.0% | 17.3% | 514,972.56 | 349,169.26 | 864,141.82 | 3,840,861.82 | 2,026.00 | 3,841,296.00 | 0.890% |
| 400(4)b | Precast RC Concrete Pile (450mmx450mm) furnished | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(10)a | Steel H Piles (450mmx260kg/m), driven | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(13)a | Precast Concrete Piles (400mm x 400mm), driven | 1,776.00 | m | 585,080.00 | 9.2% | 8.1% | 0.0% | 17.3% | 101,391.84 | 68,747.18 | 170,139.02 | 756,219.02 | 426.00 | 756,576.00 | 0.175% |
| 400(13)b | Precast Concrete Piles (450mm x 450mm), driven | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(15)a | Test Piles (400mm x 400mm), furnished & driven | 89.00 | m | 163,760.00 | 9.2% | 8.1% | 0.0% | 17.3% | 28,330.48 | 19,209.05 | 47,539.53 | 211,299.53 | 2,374.00 | 211,286.00 | 0.049% |
| 400(15)b | Test Piles (450mm x 450mm), furnished & driven | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(15)c | Test Piles (Steel H Piles 450mmx260kg/m), furnished & driven | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(16)a | Cast-in-place Concrete Bored Piles φ 1000mm | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(16)b | Cast-in-place Concrete Bored Piles φ 1200mm | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(16)c | Cast-in-place Concrete Bored Piles φ 1500mm | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(16)d | Cast-in-place Concrete Bored Piles φ 800mm | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(19)a | Pile shoes for 400mm x 400mm Piles | 98.00 | each | 70,266.00 | 9.2% | 8.1% | 0.0% | 17.3% | 12,156.01 | 8,242.20 | 20,398.21 | 90,664.21 | 925.00 | 90,650.00 | 0.021% |
| 400(19)b | Pile shoes for 450mm x 450mm Piles | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(20)a | Splices for 400mm x 400mm Piles | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(20)b | Splices for 450mm x 450mm Piles | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 400(21) | Static Pile Load Test for φ 1500mm Bored Piles | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 400(23)a | High Strain Dynamic Pile Test for φ 1000mm Bored Piles | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 400(23)b | High Strain Dynamic Pile Test for φ 1200mm Bored Piles | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 400(23)c | High Strain Dynamic Pile Test for φ 800mm Bored Piles | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 400(24) | Pile Integrity Test for Bored Piles of various diameter | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 401(1)a | Concrete Railing Type A (Concrete Posts and Precast Beams) | 345.00 | m | 424,350.00 | 9.2% | 8.1% | 0.0% | 17.3% | 73,412.55 | 49,776.26 | 123,188.81 | 547,538.81 | 1,587.00 | 547,515.00 | 0.127% |
| 401(1)b | Concrete Railing Type B (Concrete Wall Type) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 401(2)a | Steel Railing Type A for Angat and Talavera Bridge, and Approach of Pampanga Bridge | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 401(2)b | Steel Railing Type B for Pampanga Main Bridge | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 401(3)a | Bridge Name Plate, 1000 x 600 mm for Angat Bridge | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 401(3)b | Bridge Name Plate, 1000 x 600 mm for Pampanga Bridge | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 401(3)c | Bridge Name Plate, 1000 x 600 mm for Talavera Bridge | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 401(3)d | Bridge Name Plate, 1000 x 600 mm for Interchange Ramp | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 403(3) | Structural Steel for Pampanga River Bridge, furnished and fabricated | 0.00 | kg | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 403(5) | Structural Steel for Pampanga River Bridge, erected | 0.00 | kg | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 403(8)a | Bearing Shoe for Steel Plate Girder Type 1 (Max. R=250t) in Pampanga Bridge | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|------------|---|------------|----------------|----------------------------|-------------|--------|-----------|--------------|--------------|------------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| 403(8)b | Bearing Shoe for Steel Plate Girder Type 2 (Max. R=650t) in Pampanga Bridge | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 403(8)c | Bearing Shoe for Steel Plate Girder Type 3 (Max. R=650t) in Pampanga Bridge | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| SPL 403(9) | Steel Grating for Sunlight Opening in Underpasses | 0.00 | m ² | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 404(1) | Reinforcement Steel Grade 40 | 288,935.00 | kg | 8,711,215.50 | 9.2% | 8.1% | 0.0% | 17.3% | 1,151,040.28 | 787,225.58 | 1,948,265.86 | 8,659,481.36 | 30.10 | 8,689,853.50 | 2.00% |
| 404(2) | Reinforcement Steel Grade 60 | 217,179.00 | kg | 5,320,885.50 | 9.2% | 8.1% | 0.0% | 17.3% | 920,513.19 | 624,139.87 | 1,544,653.06 | 6,865,538.56 | 31.60 | 6,897,150.16 | 1.59% |
| 405(1)a | Structural Concrete Class A (f'c=21MPa, max. aggregate 38mm) for heavily reinforced structures | 1,520.00 | m ³ | 4,788,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 828,324.00 | 561,632.40 | 1,389,956.40 | 6,177,956.40 | 4,064.00 | 6,177,280.00 | 1.431% |
| 405(1)b | Structural Concrete Class A (f'c=21MPa, max. aggregate 38mm) for small & medium bridges substructures | 2,280.00 | m ³ | 5,107,200.00 | 9.2% | 8.1% | 0.0% | 17.3% | 883,545.60 | 599,074.56 | 1,482,620.16 | 6,589,820.16 | 2,890.00 | 6,589,200.00 | 1.527% |
| 405(1)c | Structural Concrete Class A1 (f'c=21MPa, max. aggregate 20mm) for small & medium bridges RCDB | 334.00 | m ³ | 1,369,400.00 | 9.2% | 8.1% | 0.0% | 17.3% | 236,906.20 | 160,630.62 | 397,536.82 | 1,766,936.82 | 5,290.00 | 1,766,860.00 | 0.409% |
| 405(1)d | Structural Concrete Class A1 (f'c=21MPa, max. aggregate 20mm) for small & medium bridges PCDB | 507.00 | m ³ | 2,022,930.00 | 9.2% | 8.1% | 0.0% | 17.3% | 349,966.89 | 237,289.69 | 587,256.58 | 2,610,186.58 | 5,148.00 | 2,610,036.00 | 0.605% |
| 405(1)e | Structural Concrete Class AA1 (f'c=28MPa, max. aggregate 25) for long bridge substructures | 0.00 | m ³ | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 405(1)f | Structural Concrete Class AA2 (f'c=28MPa, max. aggregate 20mm) for long bridge superstructures | 0.00 | m ³ | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 405(2) | Structural Concrete Class B (f'c=17MPa, max. aggregate 50mm) for plain or lightly reinforced structures | 1,349.00 | m ³ | 3,210,620.00 | 9.2% | 8.1% | 0.0% | 17.3% | 555,437.26 | 376,605.73 | 932,042.99 | 4,142,662.99 | 3,071.00 | 4,142,779.00 | 0.960% |
| 405(3) | Structural Concrete Class C (f'c=21MPa, max. aggregate 12mm) for thin reinforced members | 76.00 | m ³ | 196,080.00 | 9.2% | 8.1% | 0.0% | 17.3% | 33,921.84 | 23,000.18 | 56,922.02 | 253,002.02 | 3,329.00 | 253,004.00 | 0.059% |
| 405(4)b | Structural Concrete Class PP (41MPa, max. agg. 20mm) for prestressed box girders in Angat Bridge | 0.00 | m ³ | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 405(4)c | Structural Concrete Class PP (41MPa, max. agg. 20mm) for prestressed hollow slab girders | 0.00 | m ³ | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 405(6) | Lean Concrete (17MPa, max. agg. 38mm), poured | 385.00 | m ³ | 746,900.00 | 9.2% | 8.1% | 0.0% | 17.3% | 129,213.70 | 87,611.37 | 216,825.07 | 963,725.07 | 2,503.00 | 963,655.00 | 0.223% |
| 406(1)a | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV L=20m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 406(1)b | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV L=22m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 406(1)c | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV L=24m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 406(1)d | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV L=25m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 406(1)e | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV-B L=30m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 406(1)f | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV-B L=31m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 406(1)g | Precast Prestressed Structural Concrete Members (AASHTO Girder Type V L=29.4m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|----------|---|----------|------|----------------------------|-------------|--------|-----------|--------------|--------------|--------------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| 406(1)h | Precast Prestressed Structural Concrete Member (AASHTO Girder Type V L=29.55m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(1)i | Precast Prestressed Structural Concrete Members (AASHTO Girder Type V L=33.5m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(1)j | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI L=35m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(1)k | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI L=36m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(1)l | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI(mod) L=39.4m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(1)m | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI(mod) L=39.55m), fabricated & erected | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(1)n | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI(mod) L=40m), fabricated & erected | 18.00 | each | 11,610,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 2,008,530.00 | 1,361,863.00 | 3,370,383.00 | 14,980,383.00 | 832,244.00 | 14,980,392.00 | 3.470% |
| 406(1)p | Precast Prestressed Structural Concrete (PC Deck Slab, 210 x 2000 x 9950mm) | 0.00 | m2 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(3)a | Prestressing Steel 12-T12.7 for PC Box Girders of Angat Bridge, Longitudinal | 0.00 | kg | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(3)b | Prestressing Steel 5-T12.7 for PC Box Girders of Angat Bridge, Transversal in Top Slab | 0.00 | kg | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(3)c | Prestressing Bar φ32mm for PC Box Girders of Angat Bridge, Transversal in Diaphragms | 0.00 | kg | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(3)d | Prestressing Bar φ32mm for PC Box Girders of Angat Bridge, Vertical in Webs | 0.00 | kg | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 406(3)e | Prestressing Steel 12-T12.7 for PC Hollow Slab Bridge for Burgol Ramp C, Longitudinal | 0.00 | kg | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(1)a | Elastomeric Bearing Pad, Duro 60 (400x300x50mm) | 12.00 | each | 138,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 23,874.00 | 16,187.40 | 40,061.40 | 178,061.40 | 14,838.00 | 178,056.00 | 0.041% |
| 407(1)b | Elastomeric Bearing Pad, Duro 60 (600x300x50mm) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(1)c | Elastomeric Bearing Pad, Duro 60 (600x350x50mm) | 36.00 | each | 774,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 133,902.00 | 90,790.20 | 224,692.20 | 998,692.20 | 27,741.00 | 998,676.00 | 0.231% |
| 407(1)d | Elastomeric Bearing Pad, Duro 60 (600x700x89mm) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(1)e | Elastomeric Bearing Pad, Duro 60 (600x400x60mm) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(1)f | Elastomeric Bearing Pad, Duro 60 (450x300x60mm) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(1)g | Elastomeric Bearing Pad, Duro 60 (550x300x50mm) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(1)h | Elastomeric Bearing Pad, Duro 60 (500x400x60mm) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(2)a | Expansion Joint, Multiflex M80 (Elastomeric) | 100.00 | m | 6,800,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 1,141,800.00 | 774,180.00 | 1,915,980.00 | 8,515,980.00 | 85,160.00 | 8,516,000.00 | 1.973% |
| 407(2)b | Expansion Joint, Multiflex M100 (Elastomeric) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(2)c | Expansion Joint, Multiflex M140 (Elastomeric) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(2)d | Expansion Joint, Multiflex M160 (Elastomeric) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(2)e | Expansion Joint, Multiflex M200 (Elastomeric) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PI) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|---------------|--|----------|----------------|----------------------------|-------------|--------|-----------|--------------|---------------------|---------------------|--------------------------|----------------------|----------------|----------------------|----------------|
| | | | | | OCM | Profit | Mob/Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| 407(2)f | Expansion Joint, Multiflex M330 (Elastomeric) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(2)g | Expansion Joint, 30mm for bridge | 12.00 | m | 1,788.00 | 9.2% | 8.1% | 0.0% | 17.3% | 309.32 | 209.73 | 519.05 | 2,307.05 | 192.00 | 2,304.00 | 0.001% |
| SPL 407(3)a | Restraining Bar ϕ 32 x 1495mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 407(3)b | Restraining Bar ϕ 32 x 1900mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 407(3)c | Restraining Cable ϕ 85 x 4121mm (PC 7-T15.2) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 407(3)d | Restraining Cable ϕ 65 x 4224mm (PC 7-T15.2) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 407(4) | G. I. Drain Pipe ϕ 150mm for Bridge Drainage | 27.00 | m | 22,788.00 | 9.2% | 8.1% | 0.0% | 17.3% | 3,942.32 | 2,673.03 | 6,615.35 | 29,403.35 | 1,089.00 | 29,403.00 | 0.007% |
| SPL 407(5)a | Pier Protection Concrete Blocks for Angat Bridge | 0.00 | m ² | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 407(5)b | Pier Protection Concrete Blocks for Pampanga Bridge | 0.00 | m ² | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 407(5)c | Pier Protection Concrete Blocks for Talavera Bridge | 0.00 | m ² | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(1) | Temporary Access Road Crossing Streams/Rivers | 0.00 | L.S. | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(2) | Realignment of River/Stream | 1.00 | L.S. | 3,590,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 621,070.00 | 421,107.00 | 1,042,177.00 | 4,632,177.00 | 4,632,177.00 | 4,632,177.00 | 1.073% |
| SPL 420(3) | False Works Required for Cantilever Construction for PC Box Girder (Angat River) | 0.00 | L.S. | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(4)a | Temporary Craneway for Angat Bridge Construction | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(4)b | Temporary Craneway for Pampanga Bridge Construction | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(4)c | Temporary Craneway for Talavera Bridge Construction | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(5)a | Temporary Access Road (Causeway) for Angat Bridge Construction | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(5)b | Temporary Access Road (Causeway) for Pampanga Bridge Construction | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(5)c | Temporary Access Road (Causeway) for Talavera Bridge Construction | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(6)a | Temporary Cofferdam for Pier Construction (Angat Bridge Type 1) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(6)b | Temporary Cofferdam for Pier Construction (Angat Bridge Type 2) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(6)c | Temporary Cofferdam for Pier Construction (Pampanga Bridge) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| SPL 420(6)d | Temporary Cofferdam for Pier Construction (Talavera Bridge) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| | Subtotal: | | | 56,430,983.00 | | | | | 9,762,560.04 | 6,619,354.31 | 16,381,914.36 | 72,812,897.35 | | 72,819,854.90 | 16.868% |
| Part G | Drainage and Slope Protection Structures | | | | | | | | | | | | | | |
| 500(1)a3 | RCPC Standard Strength (25MPa), ϕ 460mm (18") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)a4 | RCPC Standard Strength (25MPa), ϕ 610mm (24") | 124.00 | m | 138,880.00 | 9.2% | 8.1% | 0.0% | 17.3% | 24,026.24 | 16,290.62 | 40,316.86 | 179,196.86 | 1,445.00 | 179,180.00 | 0.042% |
| 500(1)a5 | RCPC Standard Strength (25MPa), ϕ 760mm (30") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)a6 | RCPC Standard Strength (25MPa), ϕ 910mm (36") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)a7 | RCPC Standard Strength (25MPa), ϕ 1070mm (42") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)a8 | RCPC Standard Strength (25MPa), ϕ 1220mm (48") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)a9 | RCPC Standard Strength (25MPa), ϕ 1520mm (60") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)b3 | RCPC Standard Strength (32MPa), ϕ 460mm (18") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)b4 | RCPC Standard Strength (32MPa), ϕ 610mm (24") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|-----------|--|----------|------|----------------------------|-------------|--------|-----------|--------------|------------|------------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| 500(1)b5 | RCPC Standard Strength (32MPa), ϕ 760mm (30") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)b6 | RCPC Standard Strength (32MPa), ϕ 910mm (36") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)b7 | RCPC Standard Strength (32MPa), ϕ 1070mm (42") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)b8 | RCPC Standard Strength (32MPa), ϕ 1220mm (48") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)b9 | RCPC Standard Strength (32MPa), ϕ 1520mm (60") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)c3 | RCPC Extra Strength (32MPa), ϕ 460mm (18") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)c4 | RCPC Extra Strength (32MPa), ϕ 610mm (24") | 100.00 | m | 136,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 23,528.00 | 15,952.80 | 39,480.80 | 175,480.80 | 1,755.00 | 175,500.00 | 0.041% |
| 500(1)c5 | RCPC Extra Strength (32MPa), ϕ 760mm (30") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)c6 | RCPC Extra Strength (32MPa), ϕ 910mm (36") | 1,433.00 | m | 4,528,280.00 | 9.2% | 8.1% | 0.0% | 17.3% | 783,392.44 | 531,167.24 | 1,314,559.68 | 5,842,839.68 | 4,077.00 | 5,842,341.00 | 1.354% |
| 500(1)c7 | RCPC Extra Strength (32MPa), ϕ 1070mm (42") | 196.00 | m | 893,760.00 | 9.2% | 8.1% | 0.0% | 17.3% | 154,620.48 | 104,838.05 | 259,458.53 | 1,153,218.53 | 5,884.00 | 1,153,264.00 | 0.267% |
| 500(1)c8 | RCPC Extra Strength (32MPa), ϕ 1220mm (48") | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 500(1)c9 | RCPC Extra Strength (32MPa), ϕ 1520mm (60") | 32.00 | m | 269,760.00 | 9.2% | 8.1% | 0.0% | 17.3% | 46,668.48 | 31,642.85 | 78,311.33 | 348,071.33 | 10,877.00 | 348,064.00 | 0.081% |
| 502(2)a1 | Drop Inlet Manhole for RCPC 1- ϕ 460 x 1- ϕ 460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a2 | Drop Inlet Manhole for RCPC 1- ϕ 610 x 1- ϕ 460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a3 | Drop Inlet Manhole for RCPC 1- ϕ 760 x 1- ϕ 460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a4 | Drop Inlet Manhole for RCPC 1- ϕ 910 x 1- ϕ 460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a5 | Drop Inlet Manhole for RCPC 1- ϕ 1070 x 1- ϕ 460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a6 | Drop Inlet Manhole for RCPC 1- ϕ 1220 x 1- ϕ 460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a7 | Drop Inlet Manhole for RCPC 1- ϕ 1520 x 1- ϕ 460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a12 | Drop Inlet Manhole for RCPC 1- ϕ 610 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a13 | Drop Inlet Manhole for RCPC 1- ϕ 760 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a14 | Drop Inlet Manhole for RCPC 1- ϕ 910 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a15 | Drop Inlet Manhole for RCPC 1- ϕ 1070 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a16 | Drop Inlet Manhole for RCPC 1- ϕ 1220 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a17 | Drop Inlet Manhole for RCPC 1- ϕ 1520 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a22 | Drop Inlet Manhole for RCPC 2- ϕ 610 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a23 | Drop Inlet Manhole for RCPC 2- ϕ 760 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a24 | Drop Inlet Manhole for RCPC 2- ϕ 910 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a25 | Drop Inlet Manhole for RCPC 2- ϕ 1070 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a26 | Drop Inlet Manhole for RCPC 2- ϕ 1220 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |
| 502(2)a27 | Drop Inlet Manhole for RCPC 2- ϕ 1520 x 1- ϕ 610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|-----------|--|----------|------|----------------------------|-------------|--------|-----------|--------------|------------|------------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| 502(2)b1 | Special Junction Box Manhole for RCPC 1-φ460 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b2 | Special Junction Box Manhole for RCPC 1-φ610 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b3 | Special Junction Box Manhole for RCPC 1-φ760 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b4 | Special Junction Box Manhole for RCPC 1-φ910 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b5 | Special Junction Box Manhole for RCPC 1-φ1070 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b6 | Special Junction Box Manhole for RCPC 1-φ1220 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b7 | Special Junction Box Manhole for RCPC 1-φ1520 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b12 | Special Junction Box Manhole for RCPC 1-φ610 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b13 | Special Junction Box Manhole for RCPC 1-φ760 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b14 | Special Junction Box Manhole for RCPC 1-φ910 x 1-φ610 | 76.00 | each | 988,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 170,924.00 | 115,892.40 | 286,816.40 | 1,274,816.40 | 16,774.00 | 1,274,824.00 | 0.295% |
| 502(2)b15 | Special Junction Box Manhole for RCPC 1-φ1070 x 1-φ610 | 2.00 | each | 28,800.00 | 9.2% | 8.1% | 0.0% | 17.3% | 4,982.40 | 3,378.24 | 8,360.64 | 37,160.64 | 18,580.00 | 37,160.00 | 0.009% |
| 502(2)b16 | Special Junction Box Manhole for RCPC 1-φ1220 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b17 | Special Junction Box Manhole for RCPC 1-φ1520 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b21 | Special Junction Box Manhole for RCPC 2-φ460 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b22 | Special Junction Box Manhole for RCPC 2-φ610 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b23 | Special Junction Box Manhole for RCPC 2-φ760 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b24 | Special Junction Box Manhole for RCPC 2-φ910 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b25 | Special Junction Box Manhole for RCPC 2-φ1070 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b26 | Special Junction Box Manhole for RCPC 2-φ1220 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b27 | Special Junction Box Manhole for RCPC 2-φ1520 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b32 | Special Junction Box Manhole for RCPC 2-φ610 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b33 | Special Junction Box Manhole for RCPC 2-φ760 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b34 | Special Junction Box Manhole for RCPC 2-φ910 x 1-φ610 | 6.00 | each | 117,600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 20,344.80 | 13,794.48 | 34,139.28 | 151,739.28 | 25,290.00 | 151,740.00 | 0.035% |
| 502(2)b35 | Special Junction Box Manhole for RCPC 2-φ1070 x 1-φ610 | 2.00 | each | 45,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 7,785.00 | 5,278.50 | 13,063.50 | 58,063.50 | 29,032.00 | 58,064.00 | 0.013% |
| 502(2)b36 | Special Junction Box Manhole for RCPC 2-φ1220 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)b37 | Special Junction Box Manhole for RCPC 2-φ1520 x 1-φ610 | 2.00 | each | 96,600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 16,711.80 | 11,331.18 | 28,042.98 | 124,642.98 | 62,321.00 | 124,642.00 | 0.029% |
| 502(2)c1 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ460 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)c2 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ610 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)c3 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ760 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)c4 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ910 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(2)c5 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1070 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|-----------|--|----------|------|----------------------------|-------------|--------|-----------|--------------|------------|----------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| 502(2)c6 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1220 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c7 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1520 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c12 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ610 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c13 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ760 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c14 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ910 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c15 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1070 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c16 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1220 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c17 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ1520 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c21 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ460 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c22 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ610 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c23 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ760 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c24 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ910 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c25 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1070 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c26 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1220 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c27 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1520 x 1-φ460 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c32 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ610 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c33 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ760 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c34 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ910 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c35 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1070 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c36 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1220 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(2)c37 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1520 x 1-φ610 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)a1 | Catch Basin for RCPC 1-φ460mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)a2 | Catch Basin for RCPC 1-φ610mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)a3 | Catch Basin for RCPC 1-φ760mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)a4 | Catch Basin for RCPC 1-φ910mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)a5 | Catch Basin for RCPC 1-φ1070mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)a6 | Catch Basin for RCPC 1-φ1220mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)a7 | Catch Basin for RCPC 1-φ1520mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)b1 | Catch Basin for RCPC 2-φ460mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)b2 | Catch Basin for RCPC 2-φ610mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)b3 | Catch Basin for RCPC 2-φ760mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)b4 | Catch Basin for RCPC 2-φ910mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)b5 | Catch Basin for RCPC 2-φ1070mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)b6 | Catch Basin for RCPC 2-φ1220mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(3)b7 | Catch Basin for RCPC 2-φ1520mm | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(4)a1 | U-shaped Concrete Ditch W=0.50m x H=0.50m | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(4)a2 | U-shaped Concrete Ditch W=0.75m x H=0.50m | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| 502(4)a3 | U-shaped Concrete Ditch W=0.30m x H=0.30m | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|---------------|---|----------|----------------|----------------------------|-------------|--------|-----------|--------------|--------------|--------------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| 502(4)b1 | U-shaped Concrete Ditch with Grating Cover, W=0.30m x H=0.30m | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(4)b2 | U-shaped Concrete Ditch with Grating Cover, W=0.50m x H=0.50m | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(6)a | V-shaped Lined Ditch H=500mm, 1:1.5D | 4,524.00 | m | 1,732,692.00 | 9.2% | 8.1% | 0.0% | 17.3% | 299,755.71 | 203,244.77 | 503,000.48 | 2,235,692.48 | 494.00 | 2,234,856.00 | 0.518% |
| 502(6)b | V-shaped Lined Ditch H=500mm, 1:1.0D | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 502(7)a | Trapezoidal Lined Ditch B=450mm, H=500mm, 1:1.0D | 2,309.00 | m | 609,576.00 | 9.2% | 8.1% | 0.0% | 17.3% | 105,456.64 | 71,503.26 | 176,959.90 | 786,535.90 | 341.00 | 787,369.00 | 0.182% |
| 502(7)b | Trapezoidal Lined Ditch B=1000mm, H=500mm, 1:1.0D | 123.00 | m | 45,879.00 | 9.2% | 8.1% | 0.0% | 17.3% | 7,937.06 | 5,381.61 | 13,318.67 | 59,197.67 | 481.00 | 59,163.00 | 0.014% |
| 503(3)a | Cleaning Culvert in Place, φ910mm or less | 25.00 | m | 600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 103.80 | 70.38 | 174.18 | 774.18 | 31.00 | 775.00 | 0.000% |
| 503(3)b | Cleaning Culvert in Place, more than φ910mm | 38.00 | m | 1,254.00 | 9.2% | 8.1% | 0.0% | 17.3% | 216.94 | 147.09 | 364.03 | 1,618.03 | 42.60 | 1,618.80 | 0.000% |
| 503(4)a | Cleaning Reconditioning of RCBC, Single Barrel | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 503(4)b | Cleaning Reconditioning of RCBC, Double Barrel | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 503(4)c | Cleaning Reconditioning of RCBC, Triple Barrel | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 504(5) | Grouted Riprap Class A (slope protection) | 3,353.00 | m ³ | 2,729,342.00 | 9.2% | 8.1% | 0.0% | 17.3% | 472,176.16 | 320,151.82 | 792,327.98 | 3,521,669.98 | 1,050.00 | 3,520,650.00 | 0.816% |
| 505(1) | Stone Masonry Retaining Wall | 504.00 | m ³ | 559,440.00 | 9.2% | 8.1% | 0.0% | 17.3% | 96,783.12 | 65,622.31 | 162,405.43 | 721,845.43 | 1,432.00 | 721,728.00 | 0.167% |
| 506(1) | Hand-Laid Rock Apron (Loose Boulder Apron) | 682.00 | m ³ | 317,812.00 | 9.2% | 8.1% | 0.0% | 17.3% | 54,981.47 | 37,279.35 | 92,260.82 | 410,072.82 | 601.00 | 409,882.00 | 0.095% |
| 507(2)a | Steel Sheet Piles (76x457x4mm), furnished & driven | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 507(2)b | Steel Sheet Piles (400x85x8mm), furnished & driven | 3,261.00 | m | 4,402,350.00 | 9.2% | 8.1% | 0.0% | 17.3% | 761,606.55 | 516,395.66 | 1,278,002.21 | 5,680,352.21 | 1,742.00 | 5,680,662.00 | 1.316% |
| 509(1) | Gabions | 430.00 | m ³ | 791,200.00 | 9.2% | 8.1% | 0.0% | 17.3% | 136,877.60 | 92,807.76 | 229,685.36 | 1,020,885.36 | 2,374.00 | 1,020,820.00 | 0.236% |
| 509(2) | Gabion Mattress t=300mm | 0.00 | m ³ | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 509(3) | Filter Cloth | 0.00 | m ² | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 510(1) | Rubble Concrete Slope Protection | 260.00 | m ³ | 351,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 60,723.00 | 41,172.30 | 101,895.30 | 452,895.30 | 1,742.00 | 452,920.00 | 0.105% |
| | Subtotal | | | 18,783,825.00 | | | | | 3,249,601.69 | 2,203,342.67 | 5,452,944.36 | 24,236,769.36 | | 24,235,222.80 | 5.615% |
| Part H | Miscellaneous Structures | | | | | | | | | | | | | | |
| 600(1)a | Concrete Curb, Type A (200x450mm) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 600(1)b | Concrete Curb, Type B (175x318mm) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 600(3)a | Combination Concrete Curb & Gutter/Side Strip, Type A (675x364mm) | 4,781.00 | m | 1,974,553.00 | 9.2% | 8.1% | 0.0% | 17.3% | 341,597.66 | 231,615.07 | 573,212.73 | 2,547,765.73 | 533.00 | 2,548,273.00 | 0.590% |
| 600(3)b | Combination Concrete Curb & Gutter/Side Strip, Type B (675x334mm) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 600(3)c | Combination Concrete Curb & Gutter, Type C (475x334mm) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 601(1) | PCC Pavement for Sidewalk (t=100mm) | 0.00 | m ² | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 602(1) | Right-of-Way Monuments | 518.00 | each | 182,336.00 | 9.2% | 8.1% | 0.0% | 17.3% | 31,544.12 | 21,388.01 | 52,932.13 | 235,268.13 | 454.00 | 235,172.00 | 0.055% |
| 602(2) | Maintenance Marker Posts for Drainage Structure | 128.00 | each | 105,216.00 | 9.2% | 8.1% | 0.0% | 17.3% | 18,202.36 | 12,341.84 | 30,544.20 | 135,760.20 | 1,061.00 | 135,808.00 | 0.031% |
| 602(3) | Kilometer Post | 8.00 | each | 9,840.00 | 9.2% | 8.1% | 0.0% | 17.3% | 1,702.32 | 1,154.23 | 2,856.55 | 12,696.55 | 1,587.00 | 12,696.00 | 0.003% |
| 603(3)a | Metal Guardrails (Metal Beam) Type A (Embedded in Soil) | 2,352.00 | m | 2,335,536.00 | 9.2% | 8.1% | 0.0% | 17.3% | 404,047.72 | 273,958.37 | 678,006.09 | 3,013,542.09 | 1,281.00 | 3,012,912.00 | 0.698% |
| 603(3)b | Metal Guardrails (Metal Beam) Type B (Embedded in Concrete) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 604(1) | Fencing (Barbed Wire) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 604(2) | Fencing (Chain Link Fence Fabric) | 255.00 | m | 280,500.00 | 9.2% | 8.1% | 0.0% | 17.3% | 48,526.50 | 32,902.65 | 81,429.15 | 361,929.15 | 1,419.00 | 361,845.00 | 0.084% |
| 604(3) | Fencing (Chain Link Fence Fabric on Bridge Railing) | 0.00 | m | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 605(1)a | Warning Signs (Triangular 900mm) | 23.00 | each | 160,080.00 | 9.2% | 8.1% | 0.0% | 17.3% | 27,693.84 | 18,777.38 | 46,471.22 | 206,551.22 | 8,980.00 | 206,540.00 | 0.048% |
| 605(1)b | Warning Signs (Circular φ900mm) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% | |
| 605(2)a | Regulatory Signs (Triangular 1039mm) | 17.00 | each | 146,540.00 | 9.2% | 8.1% | 0.0% | 17.3% | 25,351.42 | 17,189.14 | 42,540.56 | 189,080.56 | 11,122.00 | 189,074.00 | 0.044% |
| 605(2)b | Regulatory Signs (Octagonal 600mm) | 13.00 | each | 80,210.00 | 9.2% | 8.1% | 0.0% | 17.3% | 13,876.33 | 9,408.63 | 23,284.96 | 103,494.96 | 7,961.00 | 103,493.00 | 0.024% |
| 605(2)c | Regulatory Signs (Circular φ600mm) | 54.00 | each | 321,840.00 | 9.2% | 8.1% | 0.0% | 17.3% | 55,678.32 | 37,751.83 | 93,430.15 | 415,270.15 | 7,690.00 | 415,260.00 | 0.096% |
| 605(2)d | Regulatory Signs (Rectangular 450mmx750mm) | 34.00 | each | 230,180.00 | 9.2% | 8.1% | 0.0% | 17.3% | 39,821.14 | 27,000.11 | 66,821.25 | 297,001.25 | 8,735.00 | 296,990.00 | 0.069% |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|-------------|--|-----------|------|----------------------------|-------------|--------|-----------|--------------|------------|------------|--------------------------|-----------------|----------------|-----------------|---------|
| | | | | | OCM | Profit | Mob/Demob | % | Value (PP) | | | | | | |
| ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ | ⑩ | ⑪ | ⑫ | ⑬ | ⑭ | ⑮ | |
| 605(3)a | Informatory Signs (Rectangular 0.75mx1.00m, single post) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 605(3)b | Informatory Signs (Type A, double post) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 605(3)c | Informatory Signs (Type B, double post) | 1.00 | each | 49,200.00 | 9.2% | 8.1% | 0.0% | 17.3% | 8,511.60 | 5,771.16 | 14,282.76 | 63,482.76 | 63,483.00 | 63,483.00 | 0.015% |
| 605(3)d | Informatory Signs (Type C, double post) | 10.00 | each | 792,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 137,016.00 | 92,901.60 | 229,917.60 | 1,021,917.60 | 102,192.00 | 1,021,920.00 | 0.237% |
| 605(3)e | Informatory Signs (Type D, double post) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 605(3)f | Informatory Signs (Type E, triple post) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 605(3)g | Informatory Signs (Type F, triple post) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 605(3)h | Informatory Signs (Type G, triple post) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 605(4)a | Special Signs (750x600mm) | 3.00 | each | 25,080.00 | 9.2% | 8.1% | 0.0% | 17.3% | 4,338.84 | 2,941.88 | 7,280.72 | 32,360.72 | 10,787.00 | 32,361.00 | 0.007% |
| 605(4)b | Special Signs (600x880mm) | 1.00 | each | 9,530.00 | 9.2% | 8.1% | 0.0% | 17.3% | 1,648.69 | 1,117.87 | 2,766.56 | 12,296.56 | 12,297.00 | 12,297.00 | 0.003% |
| 605(4)c | Special Signs (900x550mm) | 1.00 | each | 8,970.00 | 9.2% | 8.1% | 0.0% | 17.3% | 1,551.81 | 1,052.18 | 2,603.99 | 11,573.99 | 11,574.00 | 11,574.00 | 0.003% |
| 605(4)d | Special Signs (850x750mm) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 607(2)a | Reflectorized Pavement Studs (Raised Profile Type, one face reflective) | 15.00 | each | 11,610.00 | 9.2% | 8.1% | 0.0% | 17.3% | 2,008.53 | 1,361.85 | 3,370.38 | 14,980.38 | 999.00 | 14,985.00 | 0.003% |
| 607(2)b | Reflectorized Pavement Studs (Raised Profile Type, two faces reflective) | 85.00 | each | 70,975.00 | 9.2% | 8.1% | 0.0% | 17.3% | 12,278.67 | 8,325.37 | 20,604.04 | 91,579.04 | 1,077.00 | 91,545.00 | 0.021% |
| 607(3) | Chatter Bars (one side reflective) | 424.00 | each | 775,920.00 | 9.2% | 8.1% | 0.0% | 17.3% | 134,234.15 | 91,015.42 | 225,249.58 | 1,001,169.58 | 2,361.00 | 1,001,064.00 | 0.232% |
| 608(1) | Furnishing and Placing Top Soil for Plantation | 6,403.00 | m3 | 1,402,257.00 | 9.2% | 8.1% | 0.0% | 17.3% | 242,590.46 | 164,484.75 | 407,075.21 | 1,809,332.21 | 283.00 | 1,812,049.00 | 0.419% |
| 610(1) | Sodding | 57,099.00 | m2 | 3,140,445.00 | 9.2% | 8.1% | 0.0% | 17.3% | 543,295.98 | 368,374.20 | 911,671.18 | 4,052,116.18 | 71.00 | 4,054,029.00 | 0.939% |
| 611(1)a | Trees (Furnishing and Transplanting) Low Tree H≤1.5m | 17,710.00 | each | 4,746,280.00 | 9.2% | 8.1% | 0.0% | 17.3% | 821,106.44 | 556,738.64 | 1,377,845.08 | 6,124,125.08 | 346.00 | 6,127,660.00 | 1.419% |
| 611(1)b | Trees (Furnishing and Transplanting) Medium Tree 1.5m<H≤3.0m | 337.00 | each | 206,918.00 | 9.2% | 8.1% | 0.0% | 17.3% | 35,796.81 | 24,271.48 | 60,068.29 | 266,986.29 | 792.00 | 266,904.00 | 0.062% |
| 611(1)c | Trees (Furnishing and Transplanting) High Tree (young tree) 1.5m<H≤3.0m | 731.00 | each | 804,100.00 | 9.2% | 8.1% | 0.0% | 17.3% | 139,109.30 | 94,320.93 | 233,430.23 | 1,037,530.23 | 1,419.00 | 1,037,289.00 | 0.240% |
| 611(2)a | Trees (Transplanting) Low Tree H≤1.5m | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 611(2)b | Trees (Transplanting) Medium Tree 1.5m<H≤3.0m | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 611(2)c | Trees (Transplanting) High Tree (young tree) 1.5m<H≤3.0m | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 611(3)a | Planter Box of CHB (1.00m x 1.00m) for Road Side Plantation | 1,033.00 | each | 1,621,810.00 | 9.2% | 8.1% | 0.0% | 17.3% | 280,573.13 | 190,238.31 | 470,811.44 | 2,092,621.44 | 2,026.00 | 2,092,858.00 | 0.485% |
| 611(3)b | Planter Box of CHB (3.00m x 1.00m) for Road Side Plantation | 966.00 | each | 3,603,180.00 | 9.2% | 8.1% | 0.0% | 17.3% | 623,350.14 | 422,653.01 | 1,046,003.15 | 4,649,183.15 | 4,813.00 | 4,649,358.00 | 1.077% |
| 611(4)a | Planter Square Type A (1.13mx1.13m) for Road Side Plantation | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 611(4)b | Planter Square Type B (0.68mx1.70m) for Road Side Plantation | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 612(1)a | Reflectorized Thermoplastic Pavement Markings (White) | 4,162.00 | m2 | 1,881,224.00 | 9.2% | 8.1% | 0.0% | 17.3% | 325,451.75 | 220,667.58 | 546,119.33 | 2,427,343.33 | 583.00 | 2,426,146.00 | 0.562% |
| 612(1)b | Reflectorized Thermoplastic Pavement Markings (Yellow) | 292.00 | m2 | 135,488.00 | 9.2% | 8.1% | 0.0% | 17.3% | 23,439.42 | 15,892.74 | 39,332.16 | 174,820.16 | 599.00 | 174,908.00 | 0.040% |
| SPL 612(2) | Removal of Existing Thermoplastic Pavement Markings | 0.00 | m2 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 615(1)a | Delineator (ground standing type) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 615(1)b | Delineator (attached on guardrail) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 615(2)a | Curve Mirror 1-φ600 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 615(2)b | Curve Mirror 2-φ600 | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |
| 615(3) | Dustproof Concrete Paving for Median | 97.00 | m2 | 12,707.00 | 9.2% | 8.1% | 0.0% | 17.3% | 2,198.31 | 1,490.53 | 3,688.84 | 16,395.84 | 169.00 | 16,393.00 | 0.004% |
| SPL 620(1)a | Traffic Signal Pole Type A (Wast Arm Post H=6.7m) | 6.00 | each | 244,800.00 | 9.2% | 8.1% | 0.0% | 17.3% | 42,350.40 | 28,715.04 | 71,065.44 | 315,865.44 | 52,644.00 | 315,864.00 | 0.073% |
| SPL 620(1)b | Traffic Signal Pole Type A (Wast Arm Post H=6.0m) | 1.00 | each | 42,600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 7,369.80 | 4,996.98 | 12,366.78 | 54,966.78 | 54,967.00 | 54,967.00 | 0.013% |
| SPL 620(1)c | Traffic Signal Pole Type B (φ114.3mm x 4.2m) | 6.00 | each | 127,800.00 | 9.2% | 8.1% | 0.0% | 17.3% | 22,109.40 | 14,990.94 | 37,100.34 | 164,900.34 | 27,483.00 | 164,898.00 | 0.038% |
| SPL 620(1)d | Traffic Signal Pole Type C (φ114.3mm x 3.4m) | 15.00 | each | 328,500.00 | 9.2% | 8.1% | 0.0% | 17.3% | 56,830.50 | 38,533.05 | 95,363.55 | 423,863.55 | 28,258.00 | 423,870.00 | 0.098% |
| SPL 620(1)e | Traffic Signal Pole Type D (φ114.3mm x 3.0m) | 5.00 | each | 96,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 16,608.00 | 11,260.80 | 27,868.80 | 123,868.80 | 24,774.00 | 123,870.00 | 0.029% |
| SPL 620(2)a | Traffic Signal Lamps Type A (6 vehicle lamps) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00% |

| Item No. | Description | Quantity | Unit | Estimated Direct Cost (PP) | Markups (%) | | | | Total Markup | | VAT (PP) | Total Indirect Cost (PP) | Total Cost (PP) | Unit Cost (PP) | Total Cost (PP) | Remarks |
|---------------|--|----------|------|----------------------------|-------------|--------|-----------|-------|----------------------|----------------------|----------------------|--------------------------|-----------------|-----------------------|-----------------|---------|
| | | | | | DCM | Profit | Mob/Demob | % | Value (PP) | | | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | (13) | (14) | (15) | | |
| SPL 620(2)b | Traffic Signal Lamps Type B (3 vehicle lamps) | 37.00 | each | 3,885,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 672,105.00 | 455,710.50 | 1,127,815.50 | 5,012,815.50 | 135,482.00 | 5,012,834.00 | 1.161% | |
| SPL 620(2)c | Traffic Signal Lamps Type C (2 pedestrian lamps) | 16.00 | each | 809,600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 140,060.80 | 94,966.08 | 235,026.88 | 1,044,626.88 | 65,289.00 | 1,044,624.00 | 0.242% | |
| SPL 620(4)a | Street Lighting Poles (single lamp) | 8.00 | each | 397,200.00 | 9.2% | 8.1% | 0.0% | 17.3% | 66,985.60 | 45,418.56 | 112,404.16 | 499,604.16 | 62,451.00 | 499,608.00 | 0.116% | |
| SPL 620(4)b | Street Lighting Poles (double lamp) | 44.00 | each | 2,653,200.00 | 9.2% | 8.1% | 0.0% | 17.3% | 459,003.60 | 311,220.36 | 770,223.96 | 3,423,423.96 | 77,805.00 | 3,423,420.00 | 0.793% | |
| SPL 620(4)c | Bridge Lighting Poles (single lamp) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| SPL 620(4)d | Street Lighting Service Pole with Panel | 3.00 | each | 147,600.00 | 9.2% | 8.1% | 0.0% | 17.3% | 25,534.80 | 17,313.48 | 42,848.28 | 190,448.28 | 63,483.00 | 190,449.00 | 0.044% | |
| SPL 620(4)e | Fluorescent Lighting for Underpass Culvert | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| SPL 620(5)a | Relocation of Street Lighting Poles (Single Lamp) | 0.00 | each | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| SPL 620(5)b | Relocation of Street Lighting Poles (Dual Lamp) | 0.00 | 0 | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| SPL 620(6) | Toll Gate Facilities | 0.00 | L.S. | 0.00 | 9.2% | 8.1% | 0.0% | 17.3% | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.000% | |
| | Subtotal | | | 33,846,825.00 | | | | | 5,855,500.67 | 3,970,232.55 | 9,825,733.22 | 43,672,558.22 | | 43,679,590.00 | 10.117% | |
| Part X | Mobilization and Demobilization | | | | | | | | | | | | | | | |
| SPL 800 | Mobilization and Demobilization | 1.00 | L.S. | 1,470,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 254,310.00 | 172,431.00 | 426,741.00 | 1,896,741.00 | 1,896,741.00 | 1,896,741.00 | 0.439% | |
| | Subtotal | | | 1,470,000.00 | | | | | 254,310.00 | 172,431.00 | 426,741.00 | 1,896,741.00 | | 1,896,741.00 | 0.439% | |
| Part X | Provisional Sum | | | | | | | | | | | | | | | |
| SPL 900(1) | Provisional Sum for Traffic Management during Construction | 1.00 | L.S. | 732,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 126,836.00 | 85,863.60 | 212,499.60 | 944,499.60 | 944,500.00 | 944,500.00 | 0.219% | |
| SPL 900(2) | Provisional Sum for Relocation of Existing Utilities | 1.00 | L.S. | 974,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 168,502.00 | 114,250.20 | 282,752.20 | 1,256,752.20 | 1,256,752.00 | 1,256,752.00 | 0.291% | |
| SPL 900(3) | Provisional Sum for Geotechnical Investigation | 1.00 | L.S. | 702,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 121,446.00 | 82,344.60 | 203,790.60 | 905,790.60 | 905,791.00 | 905,791.00 | 0.210% | |
| SPL 900(4) | Provisional Sum for Maintenance and Repair of Existing Access Road | 1.00 | L.S. | 165,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 28,545.00 | 19,354.50 | 47,899.50 | 212,899.50 | 212,900.00 | 212,900.00 | 0.049% | |
| SPL 900(5) | Provisional Sum for Environmental Compliance Requirements | 1.00 | L.S. | 780,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 134,940.00 | 91,494.00 | 226,434.00 | 1,006,434.00 | 1,006,434.00 | 1,006,434.00 | 0.233% | |
| SPL 900(6) | Provisional Sum for Health and Safety Requirements | 1.00 | L.S. | 566,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 97,918.00 | 66,391.80 | 164,309.80 | 730,309.80 | 730,310.00 | 730,310.00 | 0.169% | |
| SPL 900(7) | Provisional Sum for Overseas Development Assistance (ODA) | 1.00 | L.S. | 191,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 33,043.00 | 22,404.30 | 55,447.30 | 246,447.30 | 246,447.00 | 246,447.00 | 0.057% | |
| SPL 900(8) | Provisional Sum for Contingency | 1.00 | L.S. | 1,600,000.00 | 9.2% | 8.1% | 0.0% | 17.3% | 276,800.00 | 187,680.00 | 464,480.00 | 2,064,480.00 | 2,064,480.00 | 2,064,480.00 | 0.478% | |
| | Subtotal | | | 5,710,000.00 | | | | | 987,830.00 | 669,783.00 | 1,657,613.00 | 7,367,613.00 | | 7,367,614.00 | 1.707% | |
| | Total | | | 334,553,897.20 | | | | | 57,877,824.01 | 39,243,172.13 | 97,120,996.14 | 431,674,893.34 | | 431,835,011.70 | 100.000% | |

Prepared/Submitted By:

Recommending Approval:

Approved:

3. Summary of Direct Cost

| 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 | | |
| Part A | Facilities for the Engineer | | | | | | | | | | | | | | | |
| A(1)a | Provision of Combined Field Office/Laboratory Bldg. and Living Quarter | L.S. | 1.00 | 7.0% | 75.9% | 17.2% | 52.7% | 47.3% | 2,380,000.00 | 165,657.42 | 1,805,432.14 | 408,910.44 | 1,253,105.67 | 1,126,894.33 | 2,380,000.00 | |
| A(1)b | Maintenance of Field Office/Laboratory Bldg. and Living Quarter | month | 28.00 | 85.8% | 14.0% | 0.2% | 6.3% | 93.7% | 84,100.00 | 2,019,264.32 | 330,558.29 | 4,977.39 | 148,423.10 | 2,206,376.90 | 2,354,800.00 | |
| A(1)c | Provision of Furniture and Fixtures for the Field Office/Laboratory and Living Quarter | L.S. | 1.00 | 0.1% | 99.1% | 0.8% | 33.5% | 66.5% | 549,000.00 | 815.35 | 543,836.14 | 4,348.51 | 183,972.49 | 365,027.51 | 549,000.00 | |
| A(1)d | Provision of Equipment and Appliances for the Field Office/Laboratory Bldg. and Living Quarter | L.S. | 1.00 | 0.1% | 99.1% | 0.8% | 63.7% | 36.3% | 313,000.00 | 464.85 | 310,055.94 | 2,479.21 | 199,463.99 | 113,536.01 | 313,000.00 | |
| A(1)e | Provision of Office Supplies and Consumable | month | 28.00 | 0.3% | 98.1% | 1.6% | 36.1% | 63.9% | 16,700.00 | 1,375.29 | 458,889.80 | 7,334.90 | 168,587.12 | 299,012.88 | 467,600.00 | |
| A(1)f | Provide/Operate/Maintain Communication Equipment | month | 28.00 | 0.3% | 99.3% | 0.4% | 60.6% | 39.4% | 5,530.00 | 497.34 | 153,729.43 | 613.23 | 93,774.04 | 61,065.96 | 154,840.00 | |
| A(2)a | Provision of vehicles (sedan) for the Engineer (Rental including operation & maintenance) | veh-m | 28.00 | 17.8% | 8.0% | 74.2% | 68.2% | 31.8% | 71,500.00 | 356,309.97 | 160,034.08 | 1,485,655.94 | 1,364,748.42 | 637,251.58 | 2,002,000.00 | |
| A(2)b | Provision of vehicles (wagon) for the Engineer (Rental including operation & maintenance) | veh-m | 56.00 | 14.7% | 6.7% | 78.6% | 71.1% | 28.9% | 86,600.00 | 713,021.59 | 324,489.59 | 3,812,088.82 | 3,446,152.06 | 1,403,447.94 | 4,849,600.00 | |
| A(2)c | Provision of vehicles (pick-up) for the Engineer (Rental including operation & maintenance) | veh-m | 84.00 | 25.4% | 11.2% | 63.4% | 61.1% | 38.9% | 50,000.00 | 1,066,443.27 | 469,973.59 | 2,663,583.14 | 2,565,162.17 | 1,634,837.83 | 4,200,000.00 | |
| A(3) | Provision of Testing Equipment, Apparatus and Publications | L.S. | 1.00 | 0.1% | 99.6% | 0.3% | 72.6% | 27.4% | 1,040,000.00 | 776.12 | 1,035,601.99 | 3,621.89 | 755,242.36 | 284,757.64 | 1,040,000.00 | |
| A(4) | Progress Photographs | each | 2,112.00 | 3.4% | 96.1% | 0.5% | 25.2% | 74.8% | 117.00 | 8,482.67 | 237,444.64 | 1,176.69 | 62,236.52 | 184,867.48 | 247,104.00 | |
| Part C | Earthwork | | | | | | | | | | | | | | | |
| 100(1) | Clearing and Grubbing | ha | 37.00 | 35.4% | 5.4% | 59.3% | 35.6% | 64.4% | 38,600.00 | 504,924.53 | 76,980.75 | 846,294.72 | 508,133.11 | 920,066.89 | 1,428,200.00 | |
| 100(3) | Individual Removal of Trees, small (150mm ≤ φ < 900mm) | each | 90.00 | 92.6% | 0.7% | 6.7% | 4.1% | 95.9% | 88.00 | 7,333.33 | 58.67 | 528.00 | 322.67 | 7,597.33 | 7,920.00 | |
| 100(4) | Individual Removal of Trees, large (φ > 900mm) | each | 10.00 | 92.6% | 0.7% | 6.7% | 4.1% | 95.9% | 121.00 | 1,120.37 | 8.96 | 80.67 | 49.30 | 1,160.70 | 1,210.00 | |
| 101(1) | Removal of Structures and Obstructions | L.S. | 1.00 | 11.3% | 8.2% | 80.5% | 48.9% | 51.1% | 66,800.00 | 7,565.61 | 5,482.02 | 53,752.37 | 32,697.99 | 34,102.01 | 66,800.00 | |
| 101(2)a | Removal of Existing Pedestrian Bridge (San Jose, at Bridge No. 2) | each | 1.00 | 12.3% | 8.4% | 79.4% | 48.4% | 51.6% | 66,700.00 | 8,175.85 | 5,587.48 | 52,936.67 | 32,271.49 | 34,428.51 | 66,700.00 | |
| 101(2)b | Removal of Existing Bridge (Maridel at Bridge No. 9) | each | 0.00 | 12.3% | 8.4% | 79.4% | 48.4% | 51.6% | 102,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(3)a | Removal of Existing PCC Pavement | m2 | 8,626.00 | 8.2% | 8.9% | 82.9% | 50.8% | 49.2% | 90.80 | 64,563.08 | 69,667.94 | 649,009.78 | 398,003.68 | 385,237.12 | 783,240.80 | |
| 101(3)b | Removal of Existing Gravel Pavement | m2 | 0.00 | 15.4% | 12.6% | 72.0% | 47.3% | 52.7% | 36.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(4)a | Removal of Existing Fence (Net Fence with Barbed Wire and Wooden Posts) | m | 0.00 | 72.4% | 4.1% | 22.5% | 14.9% | 84.1% | 18.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(4)b | Removal of Existing Fence (Net Fence with Barbed Wire and Concrete Posts) | m | 70.00 | 65.7% | 5.0% | 29.3% | 19.2% | 80.8% | 21.10 | 969.81 | 74.29 | 432.90 | 283.26 | 1,193.74 | 1,477.00 | |
| 101(4)c | Removal of Existing Fence (Concrete Hollow Block) | m | 180.00 | 48.3% | 5.3% | 46.4% | 28.7% | 71.3% | 89.90 | 7,808.46 | 858.27 | 7,515.27 | 4,639.85 | 11,542.15 | 16,182.00 | |
| 101(5)a | Removal of Existing Guardrails | m | 0.00 | 68.8% | 6.2% | 25.0% | 17.6% | 82.4% | 41.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(5)b | Relocation of Existing Guardrails | m | 0.00 | 95.2% | 2.9% | 1.9% | 2.6% | 97.4% | 124.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(7) | Removal of Existing Slope Protection | m3 | 0.00 | 12.4% | 7.6% | 80.1% | 48.4% | 51.6% | 769.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(8) | Removal of Existing Slope Protection (Hand-laid Rock) | m3 | 0.00 | 13.4% | 11.8% | 74.7% | 48.3% | 51.7% | 180.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(9) | Removal of Existing Gabion | m3 | 0.00 | 19.1% | 11.1% | 69.8% | 45.2% | 54.8% | 192.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 101(10)a | Relocation of Existing Transmission Shutdown Charge for the Relocation of Transmission Line | L.S. | 0.00 | 6.6% | 74.3% | 19.1% | 57.6% | 42.4% | 4,440,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 101(10)b | Removal of Existing Combination Concrete Curb & Gutter/Side Strin | day | 0.00 | 0.4% | 99.1% | 0.5% | 49.6% | 50.4% | 2,040,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(11) | Relocation of Existing Road Signs | m | 0.00 | 25.3% | 14.8% | 59.8% | 42.0% | 58.0% | 135.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(12) | Removal of Existing Road Signs | each | 0.00 | 34.5% | 26.9% | 38.7% | 32.6% | 67.4% | 1,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(13) | Removal of Existing Road Signs | each | 0.00 | 26.0% | 10.6% | 63.4% | 41.3% | 58.7% | 421.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 101(14) | Removal of Existing Concrete Revetment | L.S. | 0.00 | 11.3% | 8.2% | 80.5% | 48.9% | 51.1% | 62,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-------------|--|------|------------|---------------|-------|--------|-------|-------|------------|----------------|---------------|---------------|---------------|---------------|---------------|---------|
| | | | | Component (%) | | | | | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | Por. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| 102(1) | Unsuitable Excavation | m3 | 106,790.00 | 6.9% | 13.6% | 79.5% | 52.0% | 48.0% | 125.00 | 921,425.16 | 1,815,468.88 | 10,611,855.97 | 6,945,087.46 | 6,403,662.51 | 13,348,750.00 | |
| 102(2) | Surplus Common Excavation | m3 | 0.00 | 6.9% | 13.6% | 79.5% | 52.0% | 48.0% | 125.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 103(1) | Structure Excavation | m3 | 2,331.00 | 6.8% | 10.5% | 82.6% | 51.8% | 48.2% | 146.00 | 23,284.95 | 35,817.02 | 281,224.03 | 176,158.72 | 164,167.28 | 340,326.00 | |
| 103(2)a | Bridge Excavation above OWL (Common Soil) | m3 | 2,089.00 | 6.8% | 10.6% | 82.6% | 51.8% | 48.2% | 146.00 | 20,878.66 | 32,258.50 | 251,856.84 | 157,880.12 | 147,113.88 | 304,994.00 | |
| 103(2)b | Bridge Excavation above OWL (Rocky Soil) | m3 | 0.00 | 5.0% | 9.2% | 85.8% | 52.6% | 47.4% | 278.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 103(2)c | Bridge Excavation below OWL (Common Soil) | m3 | 2,036.00 | 9.2% | 29.4% | 61.5% | 49.6% | 50.4% | 1,100.00 | 205,481.41 | 657,810.47 | 1,376,308.13 | 1,110,322.03 | 1,129,277.97 | 2,239,600.00 | |
| 103(2)d | Bridge Excavation below OWL (Rocky Soil) | m3 | 0.00 | 8.6% | 26.4% | 65.0% | 50.0% | 50.0% | 1,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 103(3)a | Gravel Foundation Fill | m3 | 202.00 | 24.1% | 13.2% | 62.7% | 39.5% | 60.5% | 409.00 | 19,914.85 | 10,882.32 | 51,820.82 | 32,669.97 | 49,948.03 | 82,618.00 | |
| 103(3)b | Selected Sand Bedding | m3 | 0.00 | 32.6% | 15.2% | 52.1% | 34.1% | 65.9% | 293.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 103(6) | Pine Culverts and Drain Excavation | m3 | 9,886.00 | 7.6% | 12.4% | 79.9% | 51.5% | 48.5% | 142.00 | 106,789.55 | 174,735.41 | 1,122,307.03 | 723,494.34 | 680,317.66 | 1,403,812.00 | |
| 103(7) | Granular Backfill for Pine Culverts | m3 | 3,675.00 | 29.6% | 16.2% | 54.2% | 35.9% | 64.1% | 292.00 | 318,119.59 | 173,606.40 | 581,374.01 | 384,735.92 | 688,364.08 | 1,073,100.00 | |
| 104(1) | Embankment from Excavated Soil | m3 | 12,540.00 | 5.2% | 10.8% | 84.0% | 52.7% | 47.3% | 150.00 | 97,131.87 | 202,920.83 | 1,580,947.30 | 990,953.21 | 890,046.79 | 1,881,000.00 | |
| 104(3) | Embankment from Borrow Soil | m3 | 505,559.00 | 5.4% | 21.7% | 72.9% | 47.3% | 52.7% | 181.00 | 4,981,777.34 | 19,811,153.38 | 66,713,248.28 | 43,236,675.92 | 48,269,503.08 | 91,506,179.00 | |
| 104(4) | Embankment from Borrow (Selected Granular Material) for Bridge | m3 | 1,546.00 | 10.6% | 17.4% | 72.0% | 46.0% | 54.0% | 272.00 | 44,703.68 | 73,245.01 | 302,563.31 | 193,482.92 | 227,029.08 | 420,512.00 | |
| 105(1) | Subgrade Preparation (Common Soil) | m2 | 5,327.00 | 7.1% | 8.3% | 84.6% | 51.4% | 48.6% | 13.60 | 5,147.55 | 5,995.95 | 61,303.70 | 37,216.79 | 35,230.41 | 72,447.20 | |
| 105(2) | Subgrade Preparation (Existing Gravel Surface) | m2 | 1,377.00 | 7.1% | 8.3% | 84.6% | 51.4% | 48.6% | 13.60 | 1,330.61 | 1,549.92 | 15,846.67 | 9,620.33 | 9,106.87 | 18,727.20 | |
| Part D | Subbase and Base Course | | | | | | | | | | | | | | | |
| 200(1) | Aggregate Subbase Course | m3 | 41,726.00 | 8.5% | 13.5% | 78.0% | 48.5% | 51.5% | 501.00 | 1,778,369.40 | 2,824,762.38 | 16,301,594.22 | 10,137,269.62 | 10,767,456.38 | 20,904,726.00 | |
| 200(2) | Aggregate Subbase Course using materials born by removal of existing gravel pavement | m3 | 0.00 | 7.0% | 8.5% | 84.5% | 51.4% | 48.6% | 150.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 201(1) | Aggregate Base Course | m3 | 0.00 | 8.5% | 13.3% | 78.1% | 48.6% | 51.4% | 526.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 204(1) | Cement Stabilized Sand Base Course | m3 | 0.00 | 6.2% | 40.7% | 53.1% | 51.7% | 48.3% | 612.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Part E | Surface Courses | | | | | | | | | | | | | | | |
| 300(1) | Gravel Surface Course | m3 | 8,787.00 | 9.7% | 14.2% | 76.1% | 47.9% | 52.1% | 499.00 | 426,079.09 | 622,805.96 | 3,335,827.94 | 2,101,317.52 | 2,283,395.48 | 4,384,713.00 | |
| 301(1) | Prime Coat | t | 0.00 | 0.5% | 98.6% | 0.9% | 64.5% | 35.5% | 23,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 302(1) | Tack Coat | t | 0.00 | 0.6% | 98.5% | 0.9% | 64.4% | 35.6% | 23,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 310(1) | Bituminous Concrete Surface Course, hot laid | t | 0.00 | 0.7% | 93.2% | 6.1% | 63.8% | 36.2% | 3,020.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 310(2) | Asphalt Mixture Wearing Course (t=50mm) for bridge pavement | m2 | 0.00 | 0.7% | 93.3% | 6.0% | 63.8% | 36.2% | 365.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 310(3) | Waterproofing Layer for Pampanga Deck Slab | m2 | 0.00 | 30.8% | 64.9% | 4.3% | 44.3% | 55.7% | 32.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 311(1)a | PCC Pavement (Plain), t=280mm | m2 | 0.00 | 7.3% | 64.2% | 28.6% | 53.9% | 46.1% | 619.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 311(1)b | PCC Pavement (Plain), t=250mm | m2 | 71,362.00 | 7.6% | 63.2% | 29.1% | 53.7% | 46.3% | 573.00 | 3,122,056.40 | 25,856,687.64 | 11,911,681.96 | 21,946,265.38 | 18,944,160.62 | 40,890,426.00 | |
| 311(1)c | PCC Pavement (Plain), t=230mm | m2 | 8,992.00 | 7.9% | 62.5% | 29.6% | 53.5% | 46.5% | 539.00 | 385,162.64 | 3,027,738.35 | 1,433,787.01 | 2,592,665.44 | 2,254,022.56 | 4,846,688.00 | |
| 311(1)d | PCC Pavement (Plain), t=180mm | m2 | 27,148.00 | 8.9% | 60.3% | 30.8% | 53.0% | 47.0% | 459.00 | 1,105,602.62 | 7,512,200.05 | 3,843,129.33 | 6,607,993.64 | 5,852,938.36 | 12,460,932.00 | |
| SPL 311(1)e | PCC Pavement (Lean Mix Concrete) | m3 | 0.00 | 12.9% | 47.5% | 39.6% | 49.2% | 50.8% | 2,460.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 311(2) | PCC Pavement (Reinforced), t=300mm (Approach Slab) | m2 | 584.00 | 11.8% | 74.2% | 14.1% | 53.8% | 46.2% | 2,060.00 | 141,573.34 | 892,313.49 | 169,153.16 | 647,241.18 | 555,798.82 | 1,203,040.00 | |
| Part F | Bridge Construction | | | | | | | | | | | | | | | |
| 400(3)a | Steel H Piles (450mmx260kg/m) | m | 0.00 | 2.3% | 80.0% | 17.7% | 65.2% | 34.8% | 6,820.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(4)a | Precast RC Concrete Pile (400mm x 400mm), furnished | m | 1,896.00 | 11.8% | 71.1% | 17.1% | 54.2% | 45.8% | 1,570.00 | 352,246.46 | 2,116,840.36 | 507,633.17 | 1,612,259.82 | 1,364,460.18 | 2,976,720.00 | |
| 400(4)b | Precast RC Concrete Pile (450mmx450mm) furnished | m | 0.00 | 11.9% | 71.1% | 17.0% | 54.2% | 45.8% | 2,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(10)a | Steel H Piles (450mmx260kg/m), driven | m | 0.00 | 6.6% | 33.6% | 59.8% | 54.6% | 45.4% | 623.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(13)a | Precast Concrete Piles (400mm x 400mm), driven | m | 1,776.00 | 8.7% | 12.5% | 78.8% | 51.3% | 48.7% | 330.00 | 51,001.02 | 73,312.27 | 461,766.70 | 300,619.77 | 285,460.23 | 586,080.00 | |
| 400(13)b | Precast Concrete Piles (450mm x 450mm), driven | m | 0.00 | 8.7% | 12.5% | 78.8% | 51.3% | 48.7% | 350.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(15)a | Test Piles (400mm x 400mm), furnished & driven | m | 89.00 | 11.4% | 62.5% | 26.1% | 53.8% | 46.2% | 1,840.00 | 18,648.52 | 102,303.74 | 42,807.75 | 88,048.78 | 75,711.22 | 163,760.00 | |
| 400(15)b | Test Piles (450mm x 450mm), furnished & driven | m | 0.00 | 11.5% | 63.8% | 24.7% | 53.8% | 46.2% | 2,290.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(15)c | Test Piles (Steel H Piles 460mmx260kg/m), furnished & driven | m | 0.00 | 2.7% | 76.3% | 21.0% | 64.4% | 35.6% | 7,220.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

| 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 | | |
| 400(16)a | Cast-in-place Concrete Bored Piles ϕ 1000mm | m | 0.00 | 7.8% | 44.3% | 47.9% | 57.1% | 42.9% | 12,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(16)b | Cast-in-place Concrete Bored Piles ϕ 1200mm | m | 0.00 | 8.3% | 48.2% | 43.5% | 57.1% | 42.9% | 16,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(16)c | Cast-in-place Concrete Bored Piles ϕ 1500mm | m | 0.00 | 8.4% | 50.3% | 41.3% | 57.0% | 43.0% | 24,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(16)d | Cast-in-place Concrete Bored Piles ϕ 800mm | m | 0.00 | 7.7% | 39.0% | 53.3% | 57.2% | 42.8% | 11,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(19)a | File shoes for 400mm x 400mm Piles | each | 98.00 | 6.5% | 89.9% | 3.6% | 62.0% | 38.0% | 717.00 | 4,564.31 | 63,139.83 | 2,561.86 | 43,591.38 | 26,674.62 | 70,266.00 | |
| 400(19)b | File shoes for 450mm x 450mm Piles | each | 0.00 | 6.5% | 89.9% | 3.6% | 62.0% | 38.0% | 717.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(20)a | Splices for 400mm x 400mm Piles | each | 0.00 | 0.5% | 98.3% | 1.2% | 69.2% | 30.8% | 1,310.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(20)b | Splices for 450mm x 450mm Piles | each | 0.00 | 0.5% | 98.2% | 1.2% | 69.2% | 30.8% | 1,310.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 400(21) | Static Pile Load Test for ϕ 1500mm Bored Piles | each | 0.00 | 30.4% | 13.8% | 55.8% | 43.6% | 56.4% | 121,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 400(23)a | High Strain Dynamic Pile Test for ϕ 1000mm Bored Piles | each | 0.00 | 30.4% | 13.8% | 55.8% | 43.6% | 56.4% | 123,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 400(23)b | High Strain Dynamic Pile Test for ϕ 1200mm Bored Piles | each | 0.00 | 30.4% | 13.8% | 55.9% | 43.6% | 56.4% | 126,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 400(23)c | High Strain Dynamic Pile Test for ϕ 800mm Bored Piles | each | 0.00 | 30.4% | 13.8% | 55.8% | 43.6% | 56.4% | 120,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 400(24) | Pile Integrity Test for Bored Piles of various diameter | each | 0.00 | 30.3% | 13.8% | 55.9% | 43.7% | 56.3% | 163,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 401(1)a | Concrete Railing Type A (Concrete Posts and Precast Beams) | m | 345.00 | 26.8% | 64.4% | 8.7% | 38.5% | 61.5% | 1,230.00 | 113,859.49 | 273,438.27 | 37,052.24 | 163,413.94 | 260,936.06 | 424,350.00 | |
| 401(1)b | Concrete Railing Type B (Concrete Wall Type) | m | 0.00 | 25.2% | 63.1% | 11.7% | 38.6% | 61.4% | 1,370.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 401(2)a | Steel Railing Type A for Angat and Talavera Bridge, and Approach of Pampanga Bridge | m | 0.00 | 7.2% | 74.2% | 18.5% | 62.3% | 37.7% | 2,750.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 401(2)b | Steel Railing Type B for Pampanga Main Bridge | m | 0.00 | 2.1% | 70.9% | 3.9% | 50.9% | 26.1% | 2,750.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 401(3)a | Bridge Name Plate, 1000 x 600 mm for Angat Bridge | each | 0.00 | 5.1% | 85.2% | 9.6% | 64.9% | 35.1% | 32,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 401(3)b | Bridge Name Plate, 1000 x 600 mm for Pampanga Bridge | each | 0.00 | 5.1% | 85.2% | 9.6% | 64.9% | 35.1% | 32,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 401(3)c | Bridge Name Plate, 1000 x 600 mm for Talavera Bridge | each | 0.00 | 5.1% | 85.2% | 9.6% | 64.9% | 35.1% | 32,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 401(3)d | Bridge Name Plate, 1000 x 600 mm for Interchange Ramp | each | 0.00 | 5.1% | 85.2% | 9.6% | 64.9% | 35.1% | 32,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 403(3) | Structural Steel for Pampanga River Bridge, furnished and fabricated | kg | 0.00 | 2.7% | 76.4% | 20.9% | 66.2% | 33.8% | 75.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 403(5) | Structural Steel for Pampanga River Bridge, erected | kg | 0.00 | 6.0% | 58.1% | 35.9% | 50.7% | 49.3% | 11.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 403(8)a | Bearing Shoe for Steel Plate Girder Type 1 (Max. R=250t) in Pampanga Bridge | each | 0.00 | 0.4% | 98.2% | 1.4% | 69.4% | 30.6% | 300,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 403(8)b | Bearing Shoe for Steel Plate Girder Type 2 (Max. R=650t) in Pampanga Bridge | each | 0.00 | 0.1% | 98.7% | 1.2% | 69.6% | 30.4% | 782,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 403(8)c | Bearing Shoe for Steel Plate Girder Type 3 (Max. R=650t) in Pampanga Bridge | each | 0.00 | 0.1% | 98.7% | 1.2% | 69.6% | 30.4% | 782,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPL 403(9) | Steel Grating for Sunlight Opening in Underpasses | m2 | 0.00 | 6.6% | 77.6% | 15.8% | 61.9% | 38.1% | 5,870.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 404(1) | Reinforcement Steel Grade 40 | kg | 288,035.00 | 15.2% | 77.0% | 7.8% | 54.0% | 46.0% | 23.30 | 1,019,221.93 | 5,167,997.24 | 523,996.33 | 3,623,716.40 | 3,087,499.10 | 6,711,215.50 | |
| 404(2) | Reinforcement Steel Grade 60 | kg | 217,179.00 | 14.5% | 77.9% | 7.7% | 54.5% | 45.5% | 24.50 | 769,551.54 | 4,143,129.99 | 408,203.97 | 2,898,829.75 | 2,422,055.75 | 5,320,885.50 | |
| 405(1)a | Structural Concrete Class A (f_c' =21MPa, max. aggregate 38mm) for heavily reinforced structures | m3 | 1,520.00 | 25.4% | 57.4% | 17.3% | 35.7% | 64.3% | 3,150.00 | 1,214,153.68 | 2,747,355.66 | 826,490.66 | 1,709,351.39 | 3,078,648.61 | 4,788,000.00 | |
| 405(1)b | Structural Concrete Class A (f_c' =21MPa, max. aggregate 38mm) for small & medium bridges substructures | m3 | 2,280.00 | 12.6% | 65.1% | 22.2% | 47.3% | 52.7% | 2,240.00 | 644,192.26 | 3,326,825.02 | 1,136,182.72 | 2,416,008.62 | 2,691,191.38 | 5,107,200.00 | |
| 405(1)c | Structural Concrete Class A1 (f_c' =21MPa, max. aggregate 20mm) for small & medium bridges RCBG | m3 | 334.00 | 26.0% | 56.6% | 17.4% | 36.1% | 63.9% | 4,100.00 | 355,807.26 | 774,950.63 | 238,642.12 | 493,878.73 | 875,521.27 | 1,369,400.00 | |

| 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 | | |
| 405(1)d | Structural Concrete Class A1 (fc'=21MPa, max. aggregate 20mm) for small & medium bridges PCIDG | m3 | 507.00 | 21.2% | 58.2% | 20.6% | 39.4% | 60.6% | 3,990.00 | 429,133.08 | 1,177,582.46 | 416,214.46 | 797,256.48 | 1,225,673.52 | 2,022,930.00 | |
| 405(1)e | Structural Concrete Class AA1 (fc'=28MPa, max. aggregate 25) for long bridge substructures | m3 | 0.00 | 11.0% | 67.8% | 21.2% | 49.4% | 50.6% | 2,350.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 405(1)f | Structural Concrete Class AA2 (fc'=28MPa, max. aggregate 20mm) for long bridge superstructures | m3 | 0.00 | 21.6% | 59.0% | 19.4% | 39.3% | 60.7% | 4,430.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 405(2) | Structural Concrete Class B (fc'=17MPa, max. aggregate 50mm) for plain or lightly reinforced structures | m3 | 1,349.00 | 22.3% | 57.9% | 19.8% | 38.1% | 61.9% | 2,380.00 | 717,287.94 | 1,858,026.96 | 635,305.10 | 1,224,478.43 | 1,986,141.57 | 3,210,620.00 | |
| 405(3) | Structural Concrete Class C (fc'=21MPa, max. aggregate 12mm) for thin reinforced members | m3 | 76.00 | 16.5% | 64.6% | 18.9% | 43.6% | 56.4% | 2,580.00 | 32,344.15 | 126,593.92 | 37,141.93 | 85,577.04 | 110,502.96 | 196,080.00 | |
| 405(4)b | Structural Concrete Class PP (41MPa, max. agg. 20mm) for prestressed box girders in Angat Bridge | m3 | 0.00 | 26.8% | 52.4% | 20.7% | 39.1% | 60.9% | 4,160.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 405(4)c | Structural Concrete Class PP (41MPa, max. agg. 20mm) for prestressed hollow slab girders | m3 | 0.00 | 28.2% | 55.3% | 16.5% | 37.0% | 63.0% | 4,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 405(6) | Lean Concrete (17MPa, max. agg. 38mm), poured | m3 | 385.00 | 8.6% | 68.0% | 23.5% | 49.7% | 50.3% | 1,940.00 | 63,894.80 | 507,824.32 | 175,180.88 | 371,340.11 | 375,559.89 | 746,900.00 | |
| 406(1)a | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV L=20m), fabricated & erected | each | 0.00 | 11.6% | 80.8% | 7.5% | 57.4% | 42.6% | 184,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)b | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV L=22m), fabricated & erected | each | 0.00 | 11.7% | 80.7% | 7.6% | 57.2% | 42.8% | 197,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)c | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV L=24m), fabricated & erected | each | 0.00 | 10.4% | 83.2% | 6.4% | 59.1% | 40.9% | 259,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)d | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV L=25m), fabricated & erected | each | 0.00 | 10.4% | 83.1% | 6.4% | 59.0% | 41.0% | 266,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)e | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV-B L=30m), fabricated & erected | each | 0.00 | 9.5% | 82.5% | 8.0% | 59.7% | 40.3% | 378,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)f | Precast Prestressed Structural Concrete Members (AASHTO Girder Type IV-B L=31m), fabricated & erected | each | 0.00 | 9.5% | 82.5% | 8.0% | 59.7% | 40.3% | 386,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)g | Precast Prestressed Structural Concrete Members (AASHTO Girder Type V L=29.4m), fabricated & erected | each | 0.00 | 10.4% | 81.0% | 8.6% | 58.4% | 41.6% | 433,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)h | Precast Prestressed Structural Concrete Member (AASHTO Girder Type V L=29.55m), fabricated & erected | each | 0.00 | 10.4% | 81.0% | 8.6% | 58.4% | 41.6% | 434,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)i | Precast Prestressed Structural Concrete Members (AASHTO Girder Type V L=33.5m), fabricated & erected | each | 0.00 | 9.9% | 82.0% | 8.1% | 59.1% | 40.9% | 486,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)j | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI L=35m), fabricated & erected | each | 0.00 | 9.8% | 81.6% | 8.6% | 59.1% | 40.9% | 538,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)k | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI L=36m), fabricated & erected | each | 0.00 | 9.8% | 81.6% | 8.7% | 59.0% | 41.0% | 551,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)l | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI(mod) L=39.4m), fabricated & erected | each | 0.00 | 10.5% | 80.8% | 8.7% | 58.2% | 41.8% | 711,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 406(1)m | Precast Prestressed Structural Concrete Members (AASHTO Girder Type VI(mod) L=39.55m), fabricated & erected | each | 0.00 | 10.5% | 80.8% | 8.7% | 58.2% | 41.8% | 712,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (P) | Amount | | | | | Total (P) | Remarks |
|-------------|---|------|----------|---------------|-------|--------|-------|-------|--------------|--------------|--------------|---------------|--------------|--------------|---------------|-----------|---------|
| | | | | Component (%) | | | | | Labor | | Material | Component (P) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | Local | | | |
| 406(1)n | Precast Prestressed Structural Concrete Members (ASHTO Girder Type VI(mod) L=40m), fabricated & erected | each | 18.00 | 10.0% | 81.1% | 8.9% | 58.6% | 41.4% | 645,000.00 | 1,164,187.09 | 9,417,297.62 | 1,028,515.29 | 6,804,179.44 | 4,805,820.56 | 11,610,000.00 | | |
| 406(1)p | Precast Prestressed Structural Concrete (PC Deck Slab, 210 x 2000 x 9950mm) | m2 | 0.00 | 9.9% | 83.8% | 6.3% | 60.4% | 39.6% | 6,730.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 406(3)a | Prestressing Steel 12-T12.7 for PC Box Girders of Angat Bridge, Longitudinal | kg | 0.00 | 8.8% | 86.3% | 4.9% | 63.5% | 36.5% | 226.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 406(3)b | Prestressing Steel 5-T12.7 for PC Box Girders of Angat Bridge, Transversal in Top Slab | kg | 0.00 | 12.8% | 78.9% | 8.2% | 59.3% | 40.7% | 219.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 406(3)c | Prestressing Bar ϕ 32mm for PC Box Girders of Angat Bridge, Transversal in Diaphragms | kg | 0.00 | 7.2% | 87.3% | 5.5% | 65.0% | 35.0% | 262.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 406(3)d | Prestressing Bar ϕ 32mm for PC Box Girders of Angat Bridge, Vertical in Webs | kg | 0.00 | 7.8% | 85.6% | 6.5% | 65.0% | 35.0% | 379.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 406(3)e | Prestressing Steel 12-T12.7 for PC Hollow Slab Bridge for Burgol Ramp C, Longitudinal | kg | 0.00 | 10.1% | 85.4% | 4.5% | 62.1% | 37.9% | 185.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(1)a | Elastomeric Bearing Pad, Duro 60 (400x300x50mm) | each | 12.00 | 2.8% | 96.0% | 1.2% | 63.0% | 37.0% | 11,500.00 | 3,845.01 | 132,531.46 | 1,623.53 | 86,930.16 | 51,069.84 | 138,000.00 | | |
| 407(1)b | Elastomeric Bearing Pad, Duro 60 (600x300x50mm) | each | 0.00 | 1.7% | 97.1% | 1.2% | 63.9% | 36.1% | 19,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(1)c | Elastomeric Bearing Pad, Duro 60 (600x350x50mm) | each | 36.00 | 1.5% | 97.3% | 1.2% | 64.0% | 36.0% | 21,500.00 | 11,599.19 | 753,294.93 | 9,105.88 | 495,506.61 | 278,493.39 | 774,000.00 | | |
| 407(1)d | Elastomeric Bearing Pad, Duro 60 (600x700x89mm) | each | 0.00 | 0.4% | 98.4% | 1.2% | 65.2% | 34.8% | 85,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(1)e | Elastomeric Bearing Pad, Duro 60 (600x400x60mm) | each | 0.00 | 1.1% | 97.8% | 1.2% | 64.5% | 35.5% | 30,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(1)f | Elastomeric Bearing Pad, Duro 80 (450x300x60mm) | each | 0.00 | 1.5% | 97.3% | 1.2% | 64.6% | 35.4% | 21,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(1)g | Elastomeric Bearing Pad, Duro 60 (550x300x50mm) | each | 0.00 | 2.1% | 96.7% | 1.2% | 63.4% | 36.6% | 15,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(1)h | Elastomeric Bearing Pad, Duro 60 (500x400x60mm) | each | 0.00 | 1.1% | 97.7% | 1.2% | 64.7% | 35.3% | 28,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(2)a | Expansion Joint, Multiflex M80 (Elastomeric) | m | 100.00 | 0.3% | 98.6% | 1.2% | 64.8% | 35.2% | 66,000.00 | 17,160.27 | 6,505,162.35 | 77,677.38 | 4,274,282.05 | 2,325,717.95 | 6,600,000.00 | | |
| 407(2)b | Expansion Joint, Multiflex M100 (Elastomeric) | m | 0.00 | 0.3% | 98.6% | 1.2% | 64.8% | 35.2% | 76,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(2)c | Expansion Joint, Multiflex M140 (Elastomeric) | m | 0.00 | 0.2% | 98.6% | 1.2% | 64.8% | 35.2% | 95,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(2)d | Expansion Joint, Multiflex M160 (Elastomeric) | m | 0.00 | 0.2% | 98.6% | 1.2% | 64.8% | 35.2% | 109,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(2)e | Expansion Joint, Multiflex M200 (Elastomeric) | m | 0.00 | 0.2% | 98.6% | 1.2% | 64.8% | 35.2% | 125,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(2)f | Expansion Joint, Multiflex M330 (Elastomeric) | m | 0.00 | 0.2% | 98.6% | 1.2% | 64.8% | 35.2% | 255,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(2)g | Expansion Joint, 30mm for bridge | m | 12.00 | 10.8% | 88.5% | 0.7% | 53.5% | 46.5% | 149.00 | 192.51 | 1,583.10 | 12.39 | 956.41 | 831.59 | 1,788.00 | | |
| SPL 407(3)a | Restraining Bar ϕ 32 x 1495mm | each | 0.00 | 6.4% | 88.4% | 5.2% | 61.8% | 38.2% | 6,170.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 407(3)b | Restraining Bar ϕ 32 x 1900mm | each | 0.00 | 6.0% | 88.8% | 5.2% | 62.2% | 37.8% | 6,590.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 407(3)c | Restraining Cable ϕ 65 x 4121mm (PC 7-T15.2) | each | 0.00 | 2.8% | 94.3% | 3.0% | 65.9% | 34.1% | 26,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 407(3)d | Restraining Cable ϕ 65 x 4224mm (PC 7-T15.2) | each | 0.00 | 3.2% | 93.8% | 3.0% | 65.3% | 34.7% | 22,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 407(4) | G. I. Drain Pipe ϕ 150mm for Bridge Drainage | m | 27.00 | 10.5% | 87.4% | 2.0% | 53.8% | 46.2% | 844.00 | 2,400.71 | 19,922.69 | 464.61 | 12,263.40 | 10,524.60 | 22,788.00 | | |
| SPL 407(5)a | Pier Protection Concrete Blocks for Angat Bridge | m2 | 0.00 | 13.6% | 55.2% | 31.2% | 50.0% | 50.0% | 804.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 407(5)b | Pier Protection Concrete Blocks for Pampanga Bridge | m2 | 0.00 | 13.6% | 55.1% | 31.3% | 50.0% | 50.0% | 805.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 407(5)c | Pier Protection Concrete Blocks for Talavera Bridge | m2 | 0.00 | 13.7% | 55.7% | 30.6% | 50.1% | 49.9% | 841.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(1) | Temporary Access Road Crossing Streams/Rivers | L.S. | 0.00 | 9.1% | 33.5% | 57.3% | 50.1% | 49.9% | 2,190,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Amount | | | | | | Remarks | |
|-------------|--|------|----------|---------------|-------|--------|-------|-------|--------------|------------|---------------|--------------|--------------|--------------|--------------|---------|-----------|
| | | | | Component (%) | | | | | | Total (P) | Component (P) | | | | | | Total (P) |
| | | | | Lab. | Mat. | Equip. | For. | Local | Labor | | Material | Equipment | Foreign | Local | | | |
| SPL 420(2) | Realignment of River/Stream False Works Required for Cantilever Construction for PC Box Girder (Angat River) | L.S. | 1.00 | 10.6% | 35.3% | 54.1% | 46.0% | 54.0% | 3,590,000.00 | 379,603.65 | 1,268,753.82 | 1,941,642.53 | 1,652,960.75 | 1,937,039.25 | 3,590,000.00 | | |
| SPL 420(3) | Temporary Craneway for Angat Bridge Construction | m | 0.00 | 1.6% | 93.1% | 5.3% | 49.6% | 50.4% | 120,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(4)a | Temporary Craneway for Pampanga Bridge Construction | m | 0.00 | 1.4% | 94.4% | 4.3% | 49.7% | 50.3% | 132,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(4)b | Temporary Craneway for Talavera Bridge Construction | m | 0.00 | 1.9% | 91.8% | 6.2% | 49.5% | 50.5% | 105,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(5)a | Temporary Access Road (Causeway) for Angat Bridge Construction | m | 0.00 | 6.0% | 17.2% | 76.8% | 49.6% | 50.4% | 6,510.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(5)b | Temporary Access Road (Causeway) for Pampanga Bridge Construction | m | 0.00 | 6.0% | 17.1% | 76.9% | 49.6% | 50.4% | 5,390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(5)c | Temporary Access Road (Causeway) for Talavera Bridge Construction | m | 0.00 | 5.9% | 17.3% | 76.8% | 49.6% | 50.4% | 8,180.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(6)a | Temporary Cofferdam for Pier Construction (Angat Bridge Type 1) | each | 0.00 | 9.5% | 45.3% | 45.2% | 48.1% | 51.9% | 2,260,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(6)b | Temporary Cofferdam for Pier Construction (Angat Bridge Type 2) | each | 0.00 | 10.1% | 42.5% | 47.4% | 48.0% | 52.0% | 2,910,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(6)c | Temporary Cofferdam for Pier Construction (Pampanga Bridge) | each | 0.00 | 10.2% | 41.4% | 48.4% | 48.0% | 52.0% | 2,350,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 420(6)d | Temporary Cofferdam for Pier Construction (Talavera Bridge) | each | 0.00 | 8.8% | 46.1% | 45.1% | 48.5% | 51.5% | 1,650,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Part G | Drainage and Slope Protection Structures | | | | | | | | | | | | | | | | |
| 500(1)a3 | RCPC Standard Strength (25MPa), φ 460mm (18") | m | 0.00 | 19.9% | 50.4% | 29.7% | 46.8% | 53.2% | 729.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)a4 | RCPC Standard Strength (25MPa), φ 610mm (24") | m | 124.00 | 17.7% | 53.9% | 28.4% | 48.3% | 51.7% | 1,120.00 | 24,568.82 | 74,818.93 | 39,492.25 | 67,040.73 | 71,839.27 | 138,880.00 | | |
| 500(1)a5 | RCPC Standard Strength (25MPa), φ 760mm (30") | m | 0.00 | 17.0% | 55.8% | 27.3% | 48.9% | 51.1% | 1,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)a6 | RCPC Standard Strength (25MPa), φ 910mm (36") | m | 0.00 | 14.7% | 55.2% | 30.1% | 50.2% | 49.8% | 2,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)a7 | RCPC Standard Strength (25MPa), φ 1070mm (42") | m | 0.00 | 14.4% | 56.4% | 29.2% | 50.5% | 49.5% | 3,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)a8 | RCPC Standard Strength (25MPa), φ 1220mm (48") | m | 0.00 | 13.9% | 57.4% | 28.7% | 50.8% | 49.2% | 3,950.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)a9 | RCPC Standard Strength (25MPa), φ 1520mm (60") | m | 0.00 | 13.1% | 57.8% | 29.1% | 51.3% | 48.7% | 5,840.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)b3 | RCPC Standard Strength (32MPa), φ 460mm (18") | m | 0.00 | 19.7% | 53.0% | 27.3% | 47.3% | 52.7% | 782.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)b4 | RCPC Standard Strength (32MPa), φ 610mm (24") | m | 0.00 | 17.5% | 56.2% | 26.3% | 46.7% | 53.3% | 1,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)b5 | RCPC Standard Strength (32MPa), φ 760mm (30") | m | 0.00 | 16.9% | 57.3% | 25.8% | 49.1% | 50.9% | 1,640.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)b6 | RCPC Standard Strength (32MPa), φ 910mm (36") | m | 0.00 | 14.7% | 57.1% | 28.2% | 50.5% | 49.5% | 2,660.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)b7 | RCPC Standard Strength (32MPa), φ 1070mm (42") | m | 0.00 | 14.4% | 57.9% | 27.7% | 50.6% | 49.4% | 3,290.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)b8 | RCPC Standard Strength (32MPa), φ 1220mm (48") | m | 0.00 | 14.0% | 59.1% | 26.9% | 51.0% | 49.0% | 4,160.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)b9 | RCPC Standard Strength (32MPa), φ 1520mm (60") | m | 0.00 | 13.2% | 59.5% | 27.2% | 51.5% | 48.5% | 6,140.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)c3 | RCPC Extra Strength (32MPa), φ 460mm (18") | m | 0.00 | 18.1% | 55.7% | 26.2% | 48.4% | 51.6% | 951.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)c4 | RCPC Extra Strength (32MPa), φ 610mm (24") | m | 100.00 | 16.5% | 57.6% | 25.9% | 49.3% | 50.7% | 1,360.00 | 22,495.85 | 78,303.38 | 35,200.77 | 67,088.89 | 68,911.11 | 136,000.00 | | |
| 500(1)c5 | RCPC Extra Strength (32MPa), φ 760mm (30") | m | 0.00 | 16.0% | 59.1% | 24.9% | 49.8% | 50.2% | 1,950.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)c6 | RCPC Extra Strength (32MPa), φ 910mm (36") | m | 1,433.00 | 14.1% | 58.7% | 27.3% | 50.9% | 49.1% | 3,160.00 | 636,906.67 | 2,656,500.75 | 1,234,872.57 | 2,306,683.40 | 2,221,596.60 | 4,528,280.00 | | |

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-----------|--|------|----------|---------------|-------|--------|-------|-------|-----------|------------|------------|----------------|------------|------------|------------|------------|---------|
| | | | | Component (%) | | | | | Labor | | Material | Component (PP) | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | Equipment | Foreign | Local | | | |
| 500(1)c7 | RCPC Extra Strength (32MPa), φ1070mm (42") | m | 196.00 | 13.8% | 60.9% | 25.3% | 51.4% | 48.6% | 4,560.00 | 123,335.89 | 544,035.39 | 226,388.73 | 459,146.65 | 434,613.35 | 893,760.00 | | |
| 500(1)c8 | RCPC Extra Strength (32MPa), φ1220mm (48") | m | 0.00 | 13.5% | 60.4% | 26.1% | 51.4% | 48.6% | 4,990.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 500(1)c9 | RCPC Extra Strength (32MPa), φ1520mm (60") | m | 32.00 | 12.0% | 61.0% | 25.3% | 52.0% | 48.0% | 8,430.00 | 34,776.69 | 166,820.87 | 68,162.44 | 140,144.98 | 129,615.02 | 269,760.00 | | |
| 502(2)a1 | Drop Inlet Manhole for RCPC 1-φ460 x 1-φ460 | each | 0.00 | 31.4% | 59.5% | 9.2% | 33.1% | 66.9% | 6,110.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a2 | Drop Inlet Manhole for RCPC 1-φ610 x 1-φ460 | each | 0.00 | 31.3% | 59.3% | 9.4% | 33.0% | 67.0% | 7,150.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a3 | Drop Inlet Manhole for RCPC 1-φ760 x 1-φ460 | each | 0.00 | 31.4% | 59.0% | 9.6% | 32.6% | 67.4% | 8,540.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a4 | Drop Inlet Manhole for RCPC 1-φ910 x 1-φ460 | each | 0.00 | 31.5% | 58.8% | 9.7% | 32.4% | 67.6% | 10,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a5 | Drop Inlet Manhole for RCPC 1-φ1070 x 1-φ460 | each | 0.00 | 31.6% | 58.6% | 9.8% | 32.2% | 67.8% | 11,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a6 | Drop Inlet Manhole for RCPC 1-φ1220 x 1-φ460 | each | 0.00 | 31.8% | 58.3% | 9.9% | 31.8% | 68.2% | 13,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a7 | Drop Inlet Manhole for RCPC 1-φ1520 x 1-φ460 | each | 0.00 | 32.0% | 58.0% | 10.0% | 31.4% | 68.6% | 16,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a12 | Drop Inlet Manhole for RCPC 1-φ610 x 1-φ610 | each | 0.00 | 31.2% | 59.3% | 9.5% | 33.1% | 66.9% | 7,840.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a13 | Drop Inlet Manhole for RCPC 1-φ760 x 1-φ610 | each | 0.00 | 31.2% | 59.1% | 9.7% | 32.8% | 67.2% | 9,350.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a14 | Drop Inlet Manhole for RCPC 1-φ910 x 1-φ610 | each | 0.00 | 31.4% | 58.8% | 9.8% | 32.5% | 67.5% | 11,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a15 | Drop Inlet Manhole for RCPC 1-φ1070 x 1-φ610 | each | 0.00 | 31.4% | 58.7% | 9.9% | 32.4% | 67.6% | 12,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a16 | Drop Inlet Manhole for RCPC 1-φ1220 x 1-φ610 | each | 0.00 | 31.5% | 58.4% | 10.0% | 32.1% | 67.9% | 14,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a17 | Drop Inlet Manhole for RCPC 1-φ1520 x 1-φ610 | each | 0.00 | 31.8% | 58.1% | 10.1% | 31.7% | 68.3% | 17,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a22 | Drop Inlet Manhole for RCPC 2-φ610 x 1-φ610 | each | 0.00 | 30.4% | 59.5% | 10.1% | 33.8% | 66.2% | 11,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a23 | Drop Inlet Manhole for RCPC 2-φ760 x 1-φ610 | each | 0.00 | 30.6% | 59.1% | 10.2% | 33.3% | 66.7% | 14,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a24 | Drop Inlet Manhole for RCPC 2-φ910 x 1-φ610 | each | 0.00 | 30.8% | 58.9% | 10.3% | 33.0% | 67.0% | 17,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a25 | Drop Inlet Manhole for RCPC 2-φ1070 x 1-φ610 | each | 0.00 | 30.9% | 58.7% | 10.4% | 32.8% | 67.2% | 20,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a26 | Drop Inlet Manhole for RCPC 2-φ1220 x 1-φ610 | each | 0.00 | 31.2% | 58.4% | 10.4% | 32.4% | 67.6% | 24,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)a27 | Drop Inlet Manhole for RCPC 2-φ1520 x 1-φ610 | each | 0.00 | 31.4% | 58.1% | 10.5% | 32.0% | 68.0% | 31,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b1 | Special Junction Box Manhole for RCPC 1-φ460 x 1-φ460 | each | 0.00 | 33.1% | 60.8% | 6.1% | 33.6% | 66.4% | 7,650.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b2 | Special Junction Box Manhole for RCPC 1-φ610 x 1-φ460 | each | 0.00 | 33.0% | 60.6% | 6.4% | 33.4% | 66.6% | 8,790.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b3 | Special Junction Box Manhole for RCPC 1-φ760 x 1-φ460 | each | 0.00 | 33.0% | 60.1% | 6.9% | 33.0% | 67.0% | 10,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b4 | Special Junction Box Manhole for RCPC 1-φ910 x 1-φ460 | each | 0.00 | 33.0% | 59.8% | 7.2% | 32.7% | 67.3% | 12,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b5 | Special Junction Box Manhole for RCPC 1-φ1070 x 1-φ460 | each | 0.00 | 33.2% | 59.5% | 7.4% | 32.4% | 67.6% | 13,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b6 | Special Junction Box Manhole for RCPC 1-φ1220 x 1-φ460 | each | 0.00 | 33.3% | 59.1% | 7.6% | 32.0% | 68.0% | 15,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b7 | Special Junction Box Manhole for RCPC 1-φ1520 x 1-φ460 | each | 0.00 | 27.2% | 64.5% | 8.2% | 38.9% | 61.1% | 27,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b12 | Special Junction Box Manhole for RCPC 1-φ610 x 1-φ610 | each | 0.00 | 32.7% | 60.6% | 6.6% | 33.6% | 66.4% | 9,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b13 | Special Junction Box Manhole for RCPC 1-φ760 x 1-φ610 | each | 0.00 | 32.8% | 60.2% | 7.0% | 33.2% | 66.8% | 11,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 502(2)b14 | Special Junction Box Manhole for RCPC 1-φ910 x 1-φ610 | each | 76.00 | 32.9% | 59.7% | 7.4% | 32.7% | 67.3% | 13,000.00 | 325,047.55 | 590,250.56 | 72,701.88 | 323,513.94 | 664,486.06 | 988,000.00 | | |

| 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 | | |
| 502(2)b15 | Special Junction Box Manhole for RCPC 1-φ 1070 x 1-φ 610 | each | 2.00 | 32.8% | 59.6% | 7.6% | 32.7% | 67.3% | 14,400.00 | 9,451.84 | 17,167.11 | 2,181.05 | 9,406.22 | 19,393.78 | 28,800.00 | |
| 502(2)b16 | Special Junction Box Manhole for RCPC 1-φ 1220 x 1-φ 610 | each | 0.00 | 33.0% | 59.2% | 7.8% | 32.2% | 67.8% | 16,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b17 | Special Junction Box Manhole for RCPC 1-φ 1520 x 1-φ 610 | each | 0.00 | 27.0% | 64.6% | 8.3% | 39.1% | 60.9% | 29,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b21 | Special Junction Box Manhole for RCPC 2-φ 460 x 1-φ 460 | each | 0.00 | 32.6% | 60.8% | 6.6% | 33.8% | 66.2% | 10,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b22 | Special Junction Box Manhole for RCPC 2-φ 610 x 1-φ 460 | each | 0.00 | 32.5% | 60.5% | 7.0% | 33.6% | 66.4% | 12,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b23 | Special Junction Box Manhole for RCPC 2-φ 760 x 1-φ 460 | each | 0.00 | 32.7% | 59.9% | 7.4% | 33.1% | 66.9% | 15,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b24 | Special Junction Box Manhole for RCPC 2-φ 910 x 1-φ 460 | each | 0.00 | 32.8% | 59.6% | 7.7% | 32.7% | 67.3% | 18,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b25 | Special Junction Box Manhole for RCPC 2-φ 1070 x 1-φ 460 | each | 0.00 | 37.4% | 54.8% | 7.8% | 27.0% | 73.0% | 16,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b26 | Special Junction Box Manhole for RCPC 2-φ 1220 x 1-φ 460 | each | 0.00 | 33.1% | 58.9% | 8.0% | 32.0% | 68.0% | 24,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b27 | Special Junction Box Manhole for RCPC 2-φ 1520 x 1-φ 460 | each | 0.00 | 27.3% | 64.2% | 8.5% | 38.7% | 61.3% | 46,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b32 | Special Junction Box Manhole for RCPC 2-φ 610 x 1-φ 610 | each | 0.00 | 32.2% | 60.6% | 7.2% | 33.9% | 66.1% | 13,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b33 | Special Junction Box Manhole for RCPC 2-φ 760 x 1-φ 610 | each | 0.00 | 32.4% | 60.0% | 7.6% | 33.4% | 66.6% | 16,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b34 | Special Junction Box Manhole for RCPC 2-φ 910 x 1-φ 610 | each | 6.00 | 32.4% | 59.7% | 7.9% | 33.0% | 67.0% | 19,600.00 | 38,127.50 | 70,204.64 | 9,267.86 | 38,817.54 | 78,782.46 | 117,600.00 | |
| 502(2)b35 | Special Junction Box Manhole for RCPC 2-φ 1070 x 1-φ 610 | each | 2.00 | 32.4% | 59.5% | 8.1% | 32.9% | 67.1% | 22,500.00 | 14,580.12 | 26,791.81 | 3,628.07 | 14,795.18 | 30,204.82 | 45,000.00 | |
| 502(2)b36 | Special Junction Box Manhole for RCPC 2-φ 1220 x 1-φ 610 | each | 0.00 | 32.6% | 59.1% | 8.3% | 32.1% | 67.6% | 26,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)b37 | Special Junction Box Manhole for RCPC 2-φ 1520 x 1-φ 610 | each | 2.00 | 27.2% | 64.2% | 8.6% | 38.8% | 61.2% | 48,300.00 | 26,249.77 | 62,022.64 | 8,327.59 | 37,447.54 | 59,152.46 | 96,600.00 | |
| 502(2)c1 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 460 x 1-φ 460 | each | 0.00 | 34.5% | 52.8% | 12.7% | 32.0% | 68.0% | 3,940.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c2 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 610 x 1-φ 460 | each | 0.00 | 34.2% | 52.7% | 13.1% | 32.3% | 67.7% | 4,340.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c3 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 760 x 1-φ 460 | each | 0.00 | 34.1% | 52.5% | 13.3% | 32.3% | 67.7% | 4,750.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c4 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 910 x 1-φ 460 | each | 0.00 | 34.0% | 52.5% | 13.5% | 32.3% | 67.7% | 5,120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c5 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 1070 x 1-φ 460 | each | 0.00 | 33.9% | 52.4% | 13.7% | 32.4% | 67.6% | 5,560.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c6 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 1220 x 1-φ 460 | each | 0.00 | 33.8% | 52.3% | 13.9% | 32.5% | 67.5% | 5,940.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c7 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 1520 x 1-φ 460 | each | 0.00 | 33.7% | 52.1% | 14.2% | 32.5% | 67.5% | 6,730.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c12 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 610 x 1-φ 610 | each | 0.00 | 34.0% | 52.6% | 13.4% | 32.3% | 67.7% | 4,770.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c13 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 760 x 1-φ 610 | each | 0.00 | 33.8% | 52.4% | 13.8% | 32.5% | 67.5% | 5,180.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c14 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 910 x 1-φ 610 | each | 0.00 | 33.8% | 52.3% | 13.9% | 32.4% | 67.6% | 5,620.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c15 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 1070 x 1-φ 610 | each | 0.00 | 33.6% | 52.2% | 14.2% | 32.6% | 67.4% | 6,040.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c16 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 1220 x 1-φ 610 | each | 0.00 | 33.6% | 52.2% | 14.3% | 32.6% | 67.4% | 6,490.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c17 | Junction Box Converted to Curb Inlet Manhole for RCPC 1-φ 1520 x 1-φ 610 | each | 0.00 | 33.4% | 52.0% | 14.6% | 32.7% | 67.3% | 7,350.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c21 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ 460 x 1-φ 460 | each | 0.00 | 33.9% | 52.4% | 13.7% | 32.4% | 67.6% | 5,380.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c22 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ 610 x 1-φ 460 | each | 0.00 | 33.8% | 52.2% | 14.0% | 32.5% | 67.5% | 6,270.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 502(2)c23 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ 760 x 1-φ 460 | each | 0.00 | 33.7% | 52.0% | 14.3% | 32.6% | 67.4% | 7,180.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-----------|--|------|----------|---------------|-------|--------|-------|-------|------------|---------------|--------------|------------|--------------|--------------|--------------|---------|
| | | | | Component (%) | | | | | | Component (P) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | Labor | Material | Equipment | Foreign | Local | | |
| 502(2)c24 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ910 x 1-φ460 | each | 0.00 | 33.6% | 51.9% | 14.5% | 32.6% | 67.4% | 8,080.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c25 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1070 x 1-φ460 | each | 0.00 | 33.5% | 51.9% | 14.7% | 32.7% | 67.3% | 9,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c28 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1220 x 1-φ460 | each | 0.00 | 33.4% | 51.7% | 14.8% | 32.7% | 67.3% | 10,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c27 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1520 x 1-φ460 | each | 0.00 | 33.4% | 51.6% | 15.0% | 32.7% | 67.3% | 11,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c32 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ610 x 1-φ610 | each | 0.00 | 33.5% | 52.1% | 14.4% | 32.7% | 67.3% | 6,860.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c33 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ760 x 1-φ610 | each | 0.00 | 33.3% | 52.0% | 14.7% | 32.8% | 67.2% | 7,830.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c34 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ910 x 1-φ610 | each | 0.00 | 33.2% | 51.9% | 15.0% | 32.9% | 67.1% | 8,820.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c35 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1070 x 1-φ610 | each | 0.00 | 33.1% | 51.8% | 15.1% | 32.9% | 67.1% | 9,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c36 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1220 x 1-φ610 | each | 0.00 | 33.0% | 51.7% | 15.3% | 33.0% | 67.0% | 10,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(2)c37 | Junction Box Converted to Curb Inlet Manhole for RCPC 2-φ1520 x 1-φ610 | each | 0.00 | 32.9% | 51.6% | 15.5% | 33.0% | 67.0% | 12,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)a1 | Catch Basin for RCPC 1-φ460mm | each | 0.00 | 27.0% | 60.3% | 12.7% | 35.9% | 64.1% | 11,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)a2 | Catch Basin for RCPC 1-φ610mm | each | 0.00 | 27.1% | 60.2% | 12.8% | 35.8% | 64.2% | 14,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)a3 | Catch Basin for RCPC 1-φ760mm | each | 0.00 | 27.0% | 60.2% | 12.8% | 35.8% | 64.2% | 17,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)a4 | Catch Basin for RCPC 1-φ910mm | each | 0.00 | 27.0% | 60.2% | 12.8% | 35.8% | 64.2% | 19,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)a5 | Catch Basin for RCPC 1-φ1070mm | each | 0.00 | 27.0% | 60.2% | 12.8% | 35.8% | 64.2% | 23,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)a6 | Catch Basin for RCPC 1-φ1220mm | each | 0.00 | 27.0% | 60.2% | 12.8% | 35.8% | 64.2% | 26,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)a7 | Catch Basin for RCPC 1-φ1520mm | each | 0.00 | 27.0% | 60.2% | 12.9% | 35.8% | 64.2% | 33,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)b1 | Catch Basin for RCPC 2-φ460mm | each | 0.00 | 26.2% | 60.6% | 13.2% | 36.6% | 63.4% | 16,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)b2 | Catch Basin for RCPC 2-φ610mm | each | 0.00 | 26.1% | 60.7% | 13.2% | 36.7% | 63.3% | 20,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)b3 | Catch Basin for RCPC 2-φ760mm | each | 0.00 | 26.0% | 60.7% | 13.3% | 36.8% | 63.2% | 25,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)b4 | Catch Basin for RCPC 2-φ910mm | each | 0.00 | 25.9% | 60.7% | 13.4% | 36.9% | 63.1% | 30,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)b5 | Catch Basin for RCPC 2-φ1070mm | each | 0.00 | 25.8% | 60.8% | 13.4% | 36.9% | 63.1% | 37,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)b6 | Catch Basin for RCPC 2-φ1220mm | each | 0.00 | 25.7% | 60.8% | 13.5% | 37.0% | 63.0% | 43,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(3)b7 | Catch Basin for RCPC 2-φ1520mm | each | 0.00 | 25.6% | 60.8% | 13.5% | 37.1% | 62.9% | 57,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(4)a1 | U-shaped Concrete Ditch W=0.50m x H=0.50m | m | 0.00 | 28.1% | 58.2% | 13.7% | 34.6% | 65.4% | 1,360.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(4)a2 | U-shaped Concrete Ditch W=0.75m x H=0.50m | m | 0.00 | 26.6% | 58.9% | 14.5% | 36.1% | 63.9% | 1,480.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(4)a3 | U-shaped Concrete Ditch W=0.30m x H=0.30m | m | 0.00 | 27.3% | 58.8% | 13.9% | 35.6% | 64.4% | 939.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(4)b1 | U-shaped Concrete Ditch with Grating Cover, W=0.30m x H=0.30m | m | 0.00 | 22.1% | 68.5% | 9.4% | 43.8% | 56.2% | 1,490.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(4)b2 | U-shaped Concrete Ditch with Grating Cover, W=0.50m x H=0.50m | m | 0.00 | 21.7% | 69.1% | 9.2% | 44.3% | 55.7% | 2,050.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(6)a | V-shaped Lined Ditch H=500mm, 1:1.50 | m | 4,524.00 | 29.9% | 49.0% | 21.1% | 39.8% | 60.2% | 383.00 | 518,428.68 | 848,368.88 | 365,894.44 | 689,899.62 | 1,042,792.38 | 1,732,692.00 | |
| 502(6)b | V-shaped Lined Ditch H=500mm, 1:1.00 | m | 0.00 | 29.9% | 49.0% | 21.1% | 39.8% | 60.2% | 358.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 502(7)a | Trapezoidal Lined Ditch R=450mm, H=500mm, 1:1.00 | m | 2,309.00 | 29.9% | 49.0% | 21.1% | 39.8% | 60.2% | 264.00 | 182,387.68 | 298,463.49 | 128,724.82 | 242,712.64 | 366,863.36 | 609,576.00 | |
| 502(7)b | Trapezoidal Lined Ditch B=1000mm, H=500mm, 1:1.00 | m | 123.00 | 29.9% | 49.0% | 21.1% | 39.8% | 60.2% | 373.00 | 13,727.19 | 22,463.49 | 9,688.32 | 18,267.47 | 27,611.53 | 45,879.00 | |
| 503(3)a | Cleaning Culvert in Place, φ910mm or less | m | 25.00 | 65.8% | 5.4% | 28.9% | 19.2% | 80.8% | 24.00 | 394.50 | 32.15 | 173.35 | 115.18 | 484.82 | 600.00 | |
| 503(3)b | Cleaning Culvert in Place, more than φ910mm | m | 38.00 | 58.5% | 7.0% | 34.5% | 23.3% | 76.7% | 33.00 | 733.92 | 87.43 | 432.64 | 291.86 | 962.14 | 1,254.00 | |
| 503(4)a | Cleaning Reconditioning of RCBC, Single Barrel | m | 0.00 | 47.3% | 9.5% | 43.2% | 29.6% | 70.4% | 46.60 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 503(4)b | Cleaning Reconditioning of RCBC, Double Barrel | m | 0.00 | 38.9% | 11.4% | 49.8% | 34.4% | 65.6% | 64.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 503(4)c | Cleaning Reconditioning of RCBC, Triple Barrel | m | 0.00 | 30.5% | 13.2% | 56.3% | 39.1% | 60.9% | 95.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 504(5) | Grouted Riprap Class A (slope protection) | m3 | 3,353.00 | 15.9% | 58.7% | 25.4% | 47.8% | 52.2% | 814.00 | 433,505.84 | 1,602,478.67 | 693,357.49 | 1,303,304.94 | 1,426,037.06 | 2,729,342.00 | |
| 505(1) | Stone Masonry Retaining Wall | m3 | 504.00 | 15.2% | 64.4% | 20.4% | 48.7% | 51.3% | 1,110.00 | 85,144.83 | 360,265.21 | 114,029.96 | 272,247.70 | 287,192.30 | 559,440.00 | |

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|----------|--|------|-----------|---------------|-------|--------|-------|-------|------------|--------------|--------------|------------|--------------|--------------|--------------|------------|---------|
| | | | | Component (%) | | | | | Labor | | Material | Equipment | Foreign | Local | | | |
| | | | | Lab. | Mat. | Equip. | For. | Local | | | | | | | | | |
| 506(1) | Hand-Laid Rock Apron (Loose Boulder Apron) | m3 | 682.00 | 8.5% | 13.2% | 78.3% | 48.6% | 51.4% | 466.00 | 27,078.24 | 41,792.74 | 248,941.02 | 154,427.84 | 163,384.16 | 317,812.00 | | |
| 507(2)a | Steel Sheet Piles (76x457x4mm), furnished & driven | m | 0.00 | 2.3% | 79.3% | 18.4% | 65.3% | 34.7% | 713.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 507(2)b | Steel Sheet Piles (100x85x8mm), furnished & driven | m | 3,261.00 | 1.5% | 88.0% | 10.5% | 67.3% | 32.7% | 1,350.00 | 65,633.53 | 3,872,803.06 | 463,913.41 | 2,961,123.56 | 1,441,226.44 | 4,402,350.00 | | |
| 509(1) | Gabions | m3 | 430.00 | 14.7% | 52.1% | 33.2% | 37.4% | 62.6% | 1,840.00 | 116,499.67 | 411,868.49 | 262,831.85 | 286,078.00 | 495,124.00 | 791,200.00 | | |
| 509(2) | Gabion Mattress t=300mm | m3 | 0.00 | 9.0% | 70.8% | 20.2% | 32.9% | 67.1% | 3,020.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 509(3) | Filter Cloth | m2 | 0.00 | 2.1% | 96.2% | 1.8% | 58.6% | 41.4% | 91.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 510(1) | Rubble Concrete Slope Protection | m3 | 260.00 | 7.1% | 56.2% | 36.8% | 52.4% | 47.6% | 1,350.00 | 24,793.80 | 197,120.50 | 129,085.70 | 183,980.77 | 167,019.23 | 351,000.00 | | |
| Part H | Miscellaneous Structures | | | | | | | | | | | | | | | | |
| 600(1)a | Concrete Curb, Type A (200x450mm) | m | 0.00 | 39.9% | 53.2% | 6.9% | 22.9% | 77.1% | 348.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 600(1)b | Concrete Curb, Type B (175x318mm) | m | 0.00 | 41.6% | 52.1% | 6.3% | 21.1% | 78.9% | 231.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 600(3)a | Combination Concrete Curb & Gutter/Side Strip, Type A (675x364mm) | m | 4,781.00 | 31.4% | 59.0% | 9.6% | 31.8% | 68.2% | 413.00 | 620,053.98 | 1,164,792.38 | 189,706.64 | 628,800.92 | 1,345,752.08 | 1,974,553.00 | | |
| 600(3)b | Combination Concrete Curb & Gutter/Side Strip, Type B (675x334mm) | m | 0.00 | 30.9% | 59.3% | 9.8% | 32.4% | 67.6% | 390.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 600(3)c | Combination Concrete Curb & Gutter, Type C (475x334mm) | m | 0.00 | 34.1% | 57.2% | 8.7% | 29.0% | 71.0% | 357.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 601(1) | PCC Pavement for Sidewalk (t=100mm) | m2 | 0.00 | 17.8% | 62.4% | 13.3% | 45.3% | 48.2% | 473.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 602(i) | Right-of-Way Monuments | each | 518.00 | 46.0% | 46.6% | 7.4% | 22.7% | 77.3% | 352.00 | 83,940.22 | 84,929.07 | 13,466.71 | 41,355.00 | 140,981.00 | 182,336.00 | | |
| 602(2) | Maintenance Marker Posts for Drainage Structure | each | 128.00 | 52.5% | 35.4% | 12.1% | 22.3% | 77.7% | 822.00 | 55,193.56 | 37,268.57 | 12,753.87 | 23,460.44 | 81,755.56 | 105,216.00 | | |
| 602(3) | Kilometer Post | each | 8.00 | 44.3% | 47.6% | 8.1% | 24.5% | 75.5% | 1,230.00 | 4,362.46 | 4,680.94 | 796.60 | 2,414.08 | 7,425.92 | 9,840.00 | | |
| 603(3)a | Metal Guardrails (Metal Beam) Type A (Embedded in Soil) | m | 2,352.00 | 16.4% | 71.6% | 12.0% | 53.7% | 46.3% | 993.00 | 382,982.51 | 1,672,559.79 | 279,893.70 | 1,254,601.98 | 1,080,934.02 | 2,335,536.00 | | |
| 603(3)b | Metal Guardrails (Metal Beam) Type B (Embedded in Concrete) | m | 0.00 | 15.0% | 70.7% | 14.3% | 54.2% | 45.8% | 801.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 604(1) | Fencing (Barbed Wire) | m | 0.00 | 24.8% | 72.5% | 2.7% | 11.4% | 88.6% | 203.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 604(2) | Fencing (Chain Link Fence Fabric) | m | 255.00 | 14.6% | 73.2% | 12.1% | 54.5% | 45.5% | 1,100.00 | 41,026.23 | 205,434.07 | 34,030.70 | 152,776.48 | 127,723.52 | 280,500.00 | | |
| 604(3) | Fencing (Chain Link Fence Fabric on Bridge Railing) | m | 0.00 | 14.7% | 73.9% | 11.4% | 55.0% | 45.0% | 977.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 605(1)a | Warning Signs (Triangular 900mm) | each | 23.00 | 8.3% | 90.3% | 1.4% | 57.6% | 42.4% | 6,960.00 | 13,281.87 | 144,578.53 | 2,219.60 | 92,154.15 | 67,925.85 | 160,080.00 | | |
| 605(1)b | Warning Signs (Circular 900mm) | each | 0.00 | 5.3% | 93.6% | 1.1% | 60.2% | 39.8% | 10,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 605(2)a | Regulatory Signs (Triangular 1039mm) | each | 17.00 | 6.7% | 92.1% | 1.2% | 59.0% | 41.0% | 8,620.00 | 9,823.48 | 134,921.62 | 1,794.90 | 86,393.30 | 60,146.70 | 146,540.00 | | |
| 605(2)b | Regulatory Signs (Octagonal 600mm) | each | 13.00 | 9.4% | 89.1% | 1.5% | 56.7% | 43.3% | 6,170.00 | 7,514.35 | 71,496.28 | 1,199.37 | 45,449.85 | 34,760.15 | 80,210.00 | | |
| 605(2)c | Regulatory Signs (Circular 600mm) | each | 54.00 | 9.7% | 88.8% | 1.5% | 56.4% | 43.6% | 5,960.00 | 31,209.43 | 285,710.76 | 4,919.82 | 181,435.44 | 140,404.56 | 321,840.00 | | |
| 605(2)d | Regulatory Signs (Rectangular 450mmx750mm) | each | 34.00 | 8.5% | 90.1% | 1.4% | 57.4% | 42.6% | 6,770.00 | 19,636.14 | 207,297.67 | 3,246.19 | 132,048.42 | 98,131.58 | 230,180.00 | | |
| 605(3)a | Informatory Signs (Rectangular 0.75mx1.00m, single post) | each | 0.00 | 4.6% | 94.4% | 1.0% | 60.8% | 39.2% | 12,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 605(3)b | Informatory Signs (Type A, double post) | each | 0.00 | 5.5% | 92.3% | 1.2% | 59.1% | 40.9% | 16,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 605(3)c | Informatory Signs (Type B, double post) | each | 1.00 | 2.2% | 97.0% | 0.8% | 62.6% | 37.4% | 49,200.00 | 1,078.68 | 47,736.83 | 384.49 | 30,813.70 | 18,386.30 | 49,200.00 | | |
| 605(3)d | Informatory Signs (Type C, double post) | each | 10.00 | 1.7% | 97.6% | 0.7% | 63.1% | 36.9% | 79,200.00 | 13,182.48 | 772,962.52 | 5,855.00 | 500,130.73 | 291,869.27 | 792,000.00 | | |
| 605(3)e | Informatory Signs (Type D, double post) | each | 0.00 | 1.5% | 97.8% | 0.7% | 63.2% | 36.8% | 111,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 605(3)f | Informatory Signs (Type E, triple post) | each | 0.00 | 2.6% | 96.6% | 0.8% | 61.9% | 38.1% | 59,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 605(3)g | Informatory Signs (Type F, triple post) | each | 0.00 | 1.7% | 97.5% | 0.8% | 62.9% | 37.1% | 109,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 605(3)h | Informatory Signs (Type G, triple post) | each | 0.00 | 1.4% | 97.9% | 0.7% | 63.2% | 36.8% | 176,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 605(4)a | Special Signs (750x600mm) | each | 3.00 | 7.8% | 91.0% | 1.2% | 58.3% | 41.7% | 8,360.00 | 1,951.99 | 22,815.54 | 312.47 | 14,610.97 | 10,469.03 | 25,080.00 | | |
| 605(4)b | Special Signs (600x880mm) | each | 1.00 | 6.8% | 92.0% | 1.2% | 59.0% | 41.0% | 9,530.00 | 650.22 | 8,769.29 | 110.49 | 5,625.93 | 3,904.07 | 9,530.00 | | |
| 605(4)c | Special Signs (900x550mm) | each | 1.00 | 7.3% | 91.5% | 1.2% | 58.7% | 41.3% | 8,970.00 | 650.55 | 8,211.99 | 107.47 | 5,267.05 | 3,702.95 | 8,970.00 | | |
| 605(4)d | Special Signs (850x750mm) | each | 0.00 | 5.9% | 93.0% | 1.1% | 59.8% | 40.2% | 11,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 607(2)a | ReflectORIZED Pavement Studs (Raised Profile Type, one face reflective) | each | 15.00 | 4.5% | 94.1% | 1.5% | 57.2% | 42.8% | 774.00 | 518.04 | 10,922.88 | 169.08 | 6,638.27 | 4,971.73 | 11,610.00 | | |
| 607(2)b | ReflectORIZED Pavement Studs (Raised Profile Type, two faces reflective) | each | 85.00 | 4.1% | 94.4% | 1.5% | 57.2% | 42.8% | 835.00 | 2,936.41 | 67,004.98 | 1,033.62 | 40,616.43 | 30,358.57 | 70,975.00 | | |
| 607(3) | Chatter Bars (one side reflective) | each | 424.00 | 1.9% | 96.7% | 1.5% | 58.6% | 41.4% | 1,830.00 | 14,662.78 | 749,957.42 | 11,299.81 | 454,494.37 | 321,425.63 | 775,920.00 | | |
| 608(1) | Furnishing and Placing Top Soil for Plantation | m3 | 6,403.00 | 32.3% | 17.9% | 49.8% | 33.2% | 66.8% | 219.00 | 453,197.43 | 250,945.25 | 698,114.32 | 466,240.59 | 936,016.41 | 1,402,257.00 | | |
| 610(1) | Sodding | m2 | 57,099.00 | 42.7% | 55.4% | 1.9% | 5.7% | 94.3% | 55.00 | 1,341,182.43 | 1,738,869.40 | 60,393.17 | 177,886.51 | 2,962,558.49 | 3,140,445.00 | | |
| 611(1)a | Trees (Furnishing and Transplanting) Low Tree H≤1.5m | each | 17,710.00 | 11.6% | 82.1% | 6.3% | 10.2% | 89.8% | 268.00 | 551,178.62 | 3,895,092.41 | 300,008.97 | 485,344.74 | 4,260,935.26 | 4,746,280.00 | | |

| Item No. | Description | Unit | Quantity | Unit Rate | | | | | | Total (PP) | Amount | | | | | Total (PP) | Remarks |
|-------------|---|------|----------|---------------|-------|--------|-------|-------|---------------|--------------|----------------|------------|--------------|--------------|--------------|------------|---------|
| | | | | Component (%) | | | | | Labor | | Component (PP) | | | | | | |
| | | | | Lab. | Mat. | Equip. | For. | Loca | | | Material | Equipment | Foreign | Local | | | |
| 611(1)b | Trees (Furnishing and Transplanting) Medium Tree 1.5m<H≤3.0m | each | 337.00 | 11.3% | 83.5% | 5.2% | 9.6% | 90.4% | 614.00 | 23,383.39 | 172,704.34 | 10,830.27 | 19,767.31 | 187,150.69 | 206,918.00 | | |
| 611(1)c | Trees (Furnishing and Transplanting) High Tree (young tree) 1.5m<H≤3.0m | each | 731.00 | 17.1% | 77.9% | 5.1% | 9.1% | 90.9% | 1,100.00 | 137,221.09 | 625,995.15 | 40,883.76 | 72,803.78 | 731,296.22 | 804,100.00 | | |
| 611(2)a | Trees (Transplanting) Low Tree H≤1.5m | each | 0.00 | 53.5% | 8.4% | 29.1% | 21.2% | 69.7% | 58.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 611(2)b | Trees (Transplanting) Medium Tree 1.5m<H≤3.0m | each | 0.00 | 57.0% | 7.6% | 26.4% | 19.2% | 71.7% | 122.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 611(2)c | Trees (Transplanting) High Tree (young tree) 1.5m<H≤3.0m | each | 0.00 | 65.7% | 5.6% | 19.6% | 14.3% | 76.6% | 285.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 611(3)a | Planter Box of CHR (1.00m x 1.00m) for Road Side Plantation | each | 1,033.00 | 37.0% | 57.7% | 5.3% | 24.8% | 75.2% | 1,570.00 | 599,953.62 | 936,137.34 | 85,719.04 | 401,748.57 | 1,220,061.43 | 1,621,810.00 | | |
| 611(3)b | Planter Box of CHR (3.00m x 1.00m) for Road Side Plantation | each | 966.00 | 34.2% | 60.4% | 5.4% | 25.9% | 74.1% | 3,730.00 | 1,233,250.74 | 2,176,321.70 | 193,607.56 | 932,416.88 | 2,670,763.12 | 3,603,180.00 | | |
| 611(4)a | Planter Square Type A (1.13mx1.13m) for Road Side Plantation | each | 0.00 | 47.6% | 36.5% | 15.9% | 30.3% | 69.7% | 930.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 611(4)b | Planter Square Type B (0.68mx1.70m) for Road Side Plantation | each | 0.00 | 51.5% | 32.9% | 15.7% | 27.5% | 72.5% | 387.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 612(1)a | Reflectorized Thermoplastic Pavement Markings (White) | m2 | 4,162.00 | 4.8% | 87.2% | 8.0% | 60.8% | 39.2% | 452.00 | 89,960.90 | 1,640,702.64 | 150,560.46 | 1,143,499.21 | 737,724.79 | 1,881,224.00 | | |
| 612(1)b | Reflectorized Thermoplastic Pavement Markings (Yellow) | m2 | 292.00 | 4.7% | 87.5% | 7.8% | 60.9% | 39.1% | 464.00 | 6,313.53 | 118,581.39 | 10,593.08 | 82,488.80 | 52,999.20 | 135,488.00 | | |
| SPL 612(2) | Removal of Existing Thermoplastic Pavement Markings | m2 | 0.00 | 95.7% | 1.9% | 2.4% | 2.4% | 97.6% | 71.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 615(1)a | Delineator (ground standing type) | each | 0.00 | 2.3% | 97.7% | 0.0% | 58.6% | 41.4% | 1,480.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 615(1)b | Delineator (attached on guardrail) | each | 0.00 | 2.2% | 97.8% | 0.0% | 58.7% | 41.3% | 577.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 615(2)a | Curve Mirror 1-φ600 | each | 0.00 | 6.3% | 92.3% | 1.4% | 55.5% | 44.5% | 13,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 615(2)b | Curve Mirror 2-φ600 | each | 0.00 | 2.7% | 96.3% | 1.0% | 58.3% | 41.7% | 24,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| 615(3) | Dustproof Concrete Paving for Median | m2 | 97.00 | 17.5% | 60.5% | 21.9% | 47.2% | 52.8% | 131.00 | 2,227.30 | 7,691.15 | 2,788.55 | 5,993.43 | 6,713.57 | 12,707.00 | | |
| SPL 620(1)a | Traffic Signal Pole Type A (Mast Arm Post H=6.7m) | each | 6.00 | 10.8% | 64.9% | 24.3% | 53.7% | 46.3% | 40,800.00 | 26,520.68 | 158,872.74 | 59,406.59 | 131,569.16 | 113,230.84 | 244,800.00 | | |
| SPL 620(1)b | Traffic Signal Pole Type A (Mast Arm Post H=6.0m) | each | 1.00 | 11.6% | 64.8% | 23.6% | 53.0% | 47.0% | 42,600.00 | 4,947.91 | 27,599.70 | 10,052.39 | 22,584.84 | 20,015.16 | 42,600.00 | | |
| SPL 620(1)c | Traffic Signal Pole Type B (φ114.3mm x 4.2m) | each | 6.00 | 14.7% | 56.9% | 28.4% | 48.8% | 51.2% | 21,300.00 | 19,787.47 | 72,773.96 | 36,238.56 | 62,352.30 | 65,447.70 | 127,800.00 | | |
| SPL 620(1)d | Traffic Signal Pole Type C (φ114.3mm x 3.4m) | each | 15.00 | 15.4% | 56.7% | 27.8% | 47.9% | 52.1% | 21,900.00 | 50,634.91 | 186,398.98 | 91,466.11 | 157,491.81 | 171,008.19 | 328,500.00 | | |
| SPL 620(1)e | Traffic Signal Pole Type D (φ114.3mm x 3.0m) | each | 5.00 | 14.8% | 56.4% | 28.8% | 48.9% | 51.1% | 19,200.00 | 14,160.80 | 54,176.55 | 27,662.65 | 46,899.20 | 49,100.80 | 96,000.00 | | |
| SPL 620(2)a | Traffic Signal Lamps Type A (6 vehicle lamps) | each | 0.00 | 1.1% | 97.0% | 2.0% | 54.8% | 45.2% | 194,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 620(2)b | Traffic Signal Lamps Type B (3 vehicle lamps) | each | 37.00 | 1.2% | 96.4% | 2.4% | 54.7% | 45.3% | 105,000.00 | 46,746.80 | 3,744,583.82 | 93,469.38 | 2,125,313.90 | 1,759,686.10 | 3,885,000.00 | | |
| SPL 620(2)c | Traffic Signal Lamps Type C (2 pedestrian lamps) | each | 16.00 | 1.6% | 94.7% | 3.7% | 54.5% | 45.5% | 50,600.00 | 12,592.71 | 766,705.31 | 30,301.98 | 441,609.77 | 367,990.23 | 809,600.00 | | |
| SPL 620(4)a | Street Lighting Poles (single lamp) | each | 8.00 | 10.6% | 68.9% | 20.6% | 53.0% | 47.0% | 48,400.00 | 41,021.73 | 266,588.95 | 79,589.32 | 205,348.72 | 181,851.28 | 387,200.00 | | |
| SPL 620(4)b | Street Lighting Poles (double lamp) | each | 44.00 | 9.1% | 71.8% | 19.0% | 54.0% | 46.0% | 60,300.00 | 242,285.00 | 1,906,313.13 | 504,601.87 | 1,432,612.55 | 1,220,587.45 | 2,653,200.00 | | |
| SPL 620(4)c | Bridge Lighting Poles (single lamp) | each | 0.00 | 8.9% | 71.9% | 19.2% | 55.8% | 44.2% | 34,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 620(4)d | Street Lighting Service Pole with Panel | each | 3.00 | 8.5% | 80.9% | 10.6% | 50.3% | 49.7% | 49,200.00 | 12,506.94 | 119,384.31 | 15,708.75 | 74,301.16 | 73,298.84 | 147,600.00 | | |
| SPL 620(4)e | Fluorescent Lighting for Underpass Culvert | each | 0.00 | 5.6% | 92.6% | 1.8% | 54.2% | 45.8% | 923.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 620(5)a | Relocation of Street Lighting Poles (Single Lamp) | each | 0.00 | 21.2% | 49.7% | 29.1% | 43.9% | 56.1% | 10,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 620(5)b | Relocation of Street Lighting Poles (Dual Lamps) | each | 0.00 | 22.7% | 48.8% | 28.6% | 43.0% | 57.0% | 11,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| SPL 620(6) | Toll Gate Facilities | L.S. | 0.00 | 6.3% | 72.6% | 21.1% | 77.4% | 22.6% | 86,500,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Part K | Mobilization and Demobilization | L.S. | 1.00 | 9.3% | 36.3% | 54.3% | 48.3% | 51.7% | 1,470,000.00 | 137,123.91 | 534,326.83 | 798,549.26 | 710,431.77 | 759,568.23 | 1,470,000.00 | | |
| Part X | Provisional Sum | L.S. | 1.00 | 56.3% | 6.2% | 37.6% | 24.2% | 75.8% | 732,000.00 | 411,902.21 | 45,210.21 | 274,887.58 | 177,263.78 | 554,736.22 | 732,000.00 | | |
| SPL 900(1) | Provisional Sum for Traffic Management during Construction | L.S. | 1.00 | 56.3% | 6.2% | 37.6% | 24.2% | 75.8% | 732,000.00 | 411,902.21 | 45,210.21 | 274,887.58 | 177,263.78 | 554,736.22 | 732,000.00 | | |
| SPL 900(2) | Provisional Sum for Relocation of Existing Utilities | L.S. | 1.00 | 17.0% | 44.4% | 38.6% | 48.2% | 51.8% | 974,000.00 | 165,320.97 | 432,450.22 | 376,228.82 | 469,001.78 | 504,998.22 | 974,000.00 | | |

| 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 | | |
| SPL 900(3) | Provisional Sum for Geotechnical Investigation | L.S. | 1.00 | 22.3% | 10.5% | 67.2% | 46.7% | 53.3% | 702,000.00 | 156,725.42 | 73,593.84 | 471,680.74 | 327,600.00 | 374,400.00 | 702,000.00 | |
| SPL 900(4) | Provisional Sum for Maintenance and Repair of Existing Access Road | L.S. | 1.00 | 20.4% | 16.6% | 63.0% | 41.6% | 58.4% | 165,000.00 | 33,669.00 | 27,348.66 | 103,982.34 | 68,579.68 | 96,420.32 | 165,000.00 | |
| SPL 900(5) | Provisional Sum for Environmental Compliance Requirements | L.S. | 1.00 | 50.2% | 49.0% | 0.8% | 0.8% | 99.2% | 780,000.00 | 391,430.56 | 382,451.80 | 6,117.65 | 6,117.65 | 773,882.35 | 780,000.00 | |
| SPL 900(6) | Provisional Sum for Health and Safety Requirements | L.S. | 1.00 | 10.0% | 55.0% | 35.0% | 40.0% | 60.0% | 566,000.00 | 56,600.00 | 311,300.00 | 198,100.00 | 226,400.00 | 339,600.00 | 566,000.00 | |
| SPL 900(7) | Provisional Sum for Overseas Development Assistance (ODA) | L.S. | 1.00 | 2.3% | 95.0% | 2.6% | 62.8% | 37.2% | 191,000.00 | 4,428.27 | 181,527.35 | 5,044.38 | 119,982.36 | 71,017.64 | 191,000.00 | |
| SPL 900(8) | Provisional Sum for Contingency | L.S. | 1.00 | 15.0% | 45.0% | 40.0% | 50.0% | 50.0% | 1,600,000.00 | 240,000.00 | 720,000.00 | 640,000.00 | 800,000.00 | 800,000.00 | 1,600,000.00 | |
| | Total | | | | | | | | | 36,539,071.12 | 149,497,941.06 | 148,516,885.02 | 163,083,039.65 | 171,470,857.55 | 334,553,897.20 | |
| | Component | | | | | | | | | 10.9% | 44.7% | 44.4% | 48.7% | 51.3% | 100.0% | |