Project Details

Project Description Region

Consultant PRJ TND

 PRJ000000 TND0000000

Project Administrator Project Sponsor

Estimate By Reviewed By Date

 MM//DD/ YYYY

 Estimate Details

|  |  |  |
| --- | --- | --- |
|  | **ASPHALT CONCRETE PAVEMENT - EPS** |  |
|  |
| “Contractor’s Supply With Option” |
|  |
| PROJECT: | Hwy. 41:08 |
| LOCATION | N. of Hilda Access - N. of Jct Hwy. 545 |
|  | km 21.850 - km 39.229 = 17.379 km |
|  |  |
| **SUBGRADE EXCAVATION** | allow 400 m3 |
|  | Subgrade Excavation : 400 m3 X 16.80 $/m3 = $6,720 |
|  |  |
| **GRANULAR FILL (Pit- Run) Des. 6 - 125** | Backfill : 200 m3 X 2.33 t/m3=  | 470 t |  |
|  |  | 470 t |
|  | Granular Fill Des. 6: 500 t X 20.00 $/t = $10,000 |
|  |  |
| **GRANULAR FILL Des. 2-25**  | Backfill : 200 m3 X 2.33 t/m3=  | 470 t |  |
|  |  | 470 t |
|  | Granular Fill Des. 2 : 500 t X 33.00 $/t = $16,500 |
|  |  |
| **ASPHALT CONCRETE PAVEMENT End Product Spec. Mix Type M1/PG52-34** |
| ‘A’ km 21.850 to km 39.229 = 17.379 km X 1,400 t/km = | 24,330 t |
| CB6-2.3M34B : |  |
|  [ 1600 m2 + ( 350 m X 0.125 m ) ] X 0.050 m X 2.33 t/m3 + 10% = |  210 t |
| Int. 381 : |  |
|  [ 2200 m2 + ( 500 m X 0.125 m ) ] X 0.050 m X 2.33 t/m3 + 10% = |  290 t |
|  | 24,830 t |
|  |
| Asphalt Concrete Pavement - E.P.S. Mix Type M1/ PG52-34: 24,900 t X 65.00 $/t = $1,618,500 |
|  |  |
|  |  |
| **ASPHALT CONCRETE PAVEMENT** **End Product Spec. Mix Type S1/PG52-34** |
| ‘A’ km 21.850 to km 39.229 = 17.379 km X 750 t/km = | 13,040 t |
| CB6-2.3M34B : |  |
|  [ 1600 m2 + ( 350 m X 0.300 m ) ] X 0.020 m X 2.33 t/m3 + 10% = |  90 t |
| Int. 381 : |  |
|  [ 2200 m2 + ( 500 m X 0.300 m ) ] X 0.020 m X 2.33 t/m3 + 10% = |  120 t |
|  | 13,250 t |
| Asphalt Concrete Pavement - E.P.S. Mix Type S1/ PG52-34: 13,300 t X 70.00 $/t = $931,000 |
|  |
|  |
| **ROADWAY LINES - Supplying Paint & Painting Directional Dividing + 2 Edge** |
| ‘A’ km 21.850 to km 39.229 =  | 17.379 km |  |  |
|  | 17.379 km |  |
| Roadway Lines - Supplying Paint & Painting Directional Dividing + 2 Edge : 17.38 km X 715.00 $/km = $12,427 |
|  |  |
|  |  |
|  |  |
| **ROADWAY LINES - Supplying Paint & Painting Lane Dividing Lines – Turnout** |
| km 22.060 to km 22.380 =  |  0.320 km |
|  |  0.320 km |  |
| Roadway Lines - Supplying Paint & Painting Lane Dividing Lines - Turnout : 0.32 km X 501.00 $/km = $161 |
|  |  |
|  |  |
| **INTERSECTION LINES - Supplying Paint & Painting All Lines** |  |
| Int # 381 |  |
| Intersection Lines – Supplying Paint & Painting All Lines : 1 unit X 251.00 $/unit = $251 |
|  |  |
|  |  |
| **SUPPLY OF AGGREGATE - WITH OPTION** |  |
| Granular Fill :  | 1,000 t |  |  |
| ACP : | 38,200 t |  |  |
| TOTAL :  | 39,200 t |  |  |
| Supply of Aggregate - With Option : 39,200 t X 2.50 $/t = $98,000 |
|  |  |
|  | MOBILIZATION (10 %) |  | $269,356 |
|  |  |  |
|  | SUB-TOTAL  | $2,962,915 |
|  |  |  |  |
|  | CONSTRUCTION COST | $2,963,000 |
|  |  |  |
|  | ENGINEERING (10%) |  | $296,300 |
|  |   |  |
|  | TOTAL ESTIMATED COST (no contingency) | $3,259,300 |
|  |  (to nearest $1000) |  |

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|  | **ASPHALT CONCRETE PAVEMENT – EPS** |  |
|  “Contractor’s Supply With Option” |
|  |
| **PROJECT:** | Hwy. 545:02 |
| **LOCATION:**  | From Jct. Hwy. 41:08 to Saskatchewan Border |
|  | km 0.000 - km 6.511 = 6.511 |
|  |  |
| **SUBGRADE EXCAVATION** | allow 100 m3 |
|  | Subgrade Excavation : 100 m3 X 16.80 $/m3 = $1,680 |
|  |  |
| **GRANULAR FILL (Pit-Run) Des. 6 - 125** | Backfill : 50 m3 X 2.33 t/m3 =  | 120 t |  |
|  |  | 120 t |
|  | Gran. Fill Des. 6: 150 t X 20.00 $/t = $3,000 |
|  |  |
| **GRANULAR FILL Des. 2 - 25**  | Backfill : 50 m3 X 2.33 t/m3 =  | 120 t |  |
|  |  | 120 t |
|   | Gran. Fill Des. 2: 150 t X33.00 $/t = $4,950 |
|  |  |
|  |
| **ASPHALT CONCRETE PAVEMENT** **End Product Spec. Mix Type L1/ PG52-34** |
| ‘B’ km 0.000 to km 6.511 = 6.511 X 1,950 t/km =  | 12,700 t |  |  |
|  | 12,700 t |  |
| Asphalt Concrete Pavement - E.P.S. Mix Type L1/ PG52-34 : 12,700 t X 68.00 $/t = $863,600 |
|  |  |  |
| **ROADWAY LINES - Supplying Paint & Painting Directional Dividing + 2 Edge** |
| ‘B’ km 0.000 to km 6.511 =  | 6.511 km |  |  |
|  | 6.511 km |  |
| Roadway Lines - Supplying Paint & Painting Directional Dividing + 2 Edge 6.51 km X 715.00 $/km = $4,655 |
|  |  |
| **SUPPLY OF AGGREGATE - WITH OPTION** |  |
| Granular Fill :  | 300 t |  |  |
| ACP : | 12,700 t |  |  |
| TOTAL :  | 13,000 t |  |  |
| Supply of Aggregate - With Option : 13,000 t X 2.50 $/t = $32,500 |
|  |  |
|  |  MOBILIZATION (10 %) |  $91,039 |
|  |  |  |
|  | SUB-TOTAL  |  $1,001,424 |
|  |  |  |
|  | CONSTRUCTION COST  |  $1,001,000 |
|  |  |  |
|  | ENGINEERING (10 %) |  |  $100,100 |
|  |  |  |
|  | TOTAL ESTIMATED COST (no contingency) |  |  $1,101,000 |
|  | (to nearest $1000) |  |

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|  | **ASPHALT CONCRETE PAVEMENT – EPS** |  |
|  “Contractor’s Supply With Option” |
|  |
|  |
| **PROJECT:** | A.R. 154  |
| **LOCATION:**  | From Jct. Hwy. 41:08 to E. of Hilda  |
|  | km 0.000 - km 5.124 = 5.124 km |
|  |  |
|  |  |
| **ASPHALT CONCRETE PAVEMENT End Product Spec. Mix Type L1/ PG52-34** |
| ‘C’ km 0.000 to km 5.124 = 5.124 km X 1,050 t/km =  | 5,380 t |  |
|  | 5,380 t |
| Asphalt Concrete Pavement - E.P.S. Mix Type L1/ PG52-34: 5,400 t X 68.00 $/t = $367,200 |
|  |  |
| **ROADWAY LINES - Supplying Paint & Painting Directional Dividing + 2 Edge** |
| ‘C’ km 0.030 to km 5.124 =  | 5.09 km |  |  |
|  | 5.09 km |  |
| Roadway Lines – Supplying Paint & Painting Directional Dividing + 2 Edge:5.09 km X 715.00 $/km = $3,640 |
|  |  |
| **SUPPLY OF AGGREGATE - WITH OPTION** |  |
| ACP : | 5,400 t |  |  |
| TOTAL :  | 5,400 t |  |  |
| Supply of Aggregate - With Option : 5,400 t X 2.50 $/t = $13,500 |
|  |  |
|  | MOBILIZATION (10%)  |  $38,434 |
|  |  |  |
|  | SUB-TOTAL  |  $422,774 |
|  |  |   |
|  | CONSTRUCTION COST |  $423,000 |
|  |  |  |
|  | ENGINEERING (10%) |  $42,300 |
|  |  |  |
|  | TOTAL ESTIMATED COST (no contingency) |  $465,000 |
|  | (to nearest $1000) |  |
|  |  |
|  |  |