

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT     | QUANTITY   | RATE       | AMOUNT     |
|--------------|---|----------|------------|------------|------------|
| <b>M0200</b> | <b>GENERAL REQUIREMENTS AND PROVISIONS</b>  |          |            |            |            |
| M020.01      | Information signboards<br><br>(b)Type 2 (small)                                     | No       | 30         |            |            |
| M020.05      | Project Liaison Committee<br><br>(a) Cost of Project Liaison Committee              | Prov Sum | 1.00       | 54,000.00  | 54,000.00  |
|              | (b)The Contractor's overhead charges and profit in respect of sub-item DM020.05 (a) | %        | 54,000.00  |            |            |
| M020.06      | Training<br><br>(a) Engineering skills  | Prov Sum | 1          | 250,000.00 | 250,000.00 |
|              | (b) Generic skills  | Prov Sum | 1          | 180,000.00 | 180,000.00 |
|              | (c) Enterpreneurial skills  | Prov Sum | 1          | 180,000.00 | 180,000.00 |
|              | (d) Training Venue  | LS       | 1          |            |            |
|              | (e) Renumeration of worker undergoing training                                      | Prov Sum | 1          | 45,000.00  | 45,000.00  |
|              | (f) Contractors handling cost and other charges in respect of (a,b,c) to e          | %        | 655,000.00 |            |            |
| <b>M0200</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |          |            |            |            |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION  | UNIT     | QUANTITY   | RATE       | AMOUNT     |
|--------------|--|----------|------------|------------|------------|
| <b>M0300</b> | <b>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</b>    |          |            |            |            |
| M030.01      | Fixed obligations  | LS       | 1          |            |            |
| M030.03      | Time-related obligations<br>(a) General obligations                  | month    | 36         |            |            |
|              | (b) Occupational health and safety obligations (two safety officers) | month    | 36         |            |            |
| DM030.12     | Employment of personnel by Contractor<br>(a) Graduates Participants  |          |            |            |            |
|              | (i) Remuneration of graduates Participants                           | Prov Sum | 1          | 100,000.00 | 100,000.00 |
|              | (ii) Handling cost & profit in respect sub-item DM030.12(a)(i)       | %        | 100,000.00 |            |            |
| <b>M0300</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>                              |          |            |            |            |

CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| ITEM NO       | DESCRIPTION  | UNIT           | QUANTITY | RATE | AMOUNT |
|---------------|--|----------------|----------|------|--------|
| <b>B1400</b>  | <b>HOUSING, OFFICES AND LABORATORIES FOR THE CONTRACTOR'S SITE PERSONNEL</b> |                |          |      |        |
| <b>B14.01</b> | <b>Office accommodation:</b>   |                |          |      |        |
|               | (a) Offices (minimum 63m <sup>2</sup> floor area all inclusive)              | m <sup>2</sup> | 63.00    |      |        |
|               | (e) Ablution units   | m <sup>2</sup> | 5.00     |      |        |
| <b>B14.02</b> | <b>Office furniture:</b>   |                |          |      |        |
|               | (a) Portable Chairs  | No             | 26.00    |      |        |
|               | (d) Office Table   | No             | 6.00     |      |        |
|               | (f) Conference Tables  | No             | 2.00     |      |        |
| <b>B14.03</b> | <b>Offices fittings, installations and equipment</b>                         | LS             | 1.00     |      |        |
|               | Refer to Specifications  |                |          |      |        |
| <b>B14.08</b> | <b>Provision of Services and Running cost of the office</b>                  |                |          |      |        |
|               | (a) Fixed costs  | LS             | 1.00     |      |        |
|               | (b) Running costs  | month          | 36.00    |      |        |
| <b>B14.10</b> | <b>Provision of Photostat Facilities</b>                                     | month          | 36.00    |      |        |
| <b>B1400</b>  | <b>TOTAL CARRIED TO SUMMARY</b>  |                |          |      |        |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT  | QUANTITY | RATE | AMOUNT |
|--------------|---|-------|----------|------|--------|
| <b>M0500</b> | <b>ACCOMMODATION OF TRAFFIC</b>   |       |          |      |        |
| M050.01 LI   | Accommodation of traffic and mainteining temporary deviations (including provision of flagman and all relevent temporary signs) | month | 36.00    |      |        |
| <b>M0500</b> | <b>TOTAL CARRIED TO SUMMARY</b>   |       |          |      |        |

CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| ITEM NO           | DESCRIPTION  | UNIT           | QUANTITY | RATE | AMOUNT    |
|-------------------|--|----------------|----------|------|-----------|
| <b>M1100</b>      | <b>PAVEMENT LAYERS REPAIR</b>  |                |          |      |           |
| <b>M110.01 LI</b> | <b>Removal and excavating material from existing pavements</b><br>(except milled material)   |                |          |      |           |
|                   | (a)Areas up to 50m <sup>2</sup>  | m <sup>3</sup> | 452      |      |           |
|                   | (c)Areas greater than 50m <sup>2</sup>   | m <sup>3</sup> |          |      | Rate only |
| <b>M110.03 LI</b> | <b>Backfilling of base layer for surface failures with (98% of modified AASHTO density):</b> |                |          |      |           |
|                   | (a) Chemically stabilised gravel excavated from the existing pavement                        |                |          |      |           |
|                   | (i)Areas up to 50m <sup>2</sup>  | m <sup>3</sup> | 452      |      |           |
|                   | (ii)Areas greater than 50 m <sup>2</sup>   | m <sup>3</sup> |          |      | Rate only |
|                   | (d) Asphalt surfacing (continuously graded medium)   |                |          |      |           |
|                   | (i)Areas up to 50m <sup>2</sup>  | t              | 320      |      |           |
|                   | (ii)Areas greater than 50m <sup>2</sup> (paver)  | t              |          |      | Rate only |
| <b>M110.04 LI</b> | <b>Backfilling of pavement layers to compaction as specified</b>                             |                |          |      |           |
|                   | (a) Subbase layer (95% of modified AASHTO density)   |                |          |      |           |
|                   | (i)Areas up to 50m <sup>2</sup>  | m <sup>3</sup> | 1357     |      |           |
|                   | (ii)Areas greater than 50m <sup>2</sup>  | m <sup>3</sup> |          |      | Rate only |
|                   | (b) Selected layer (93% of modified AASHTO density)  |                |          |      |           |
|                   | (i)Areas up to 50m <sup>2</sup>  | m <sup>3</sup> | 452      |      |           |
|                   | (ii)Areas greater than 50m <sup>2</sup>  | m <sup>3</sup> |          |      | Rate only |
| <b>M1100</b>      | <b>TOTAL CARRIED FORWARD</b>   |                |          |      |           |

CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| ITEM NO      | DESCRIPTION  | UNIT                             | QUANTITY | RATE | AMOUNT                 |
|--------------|--|----------------------------------|----------|------|------------------------|
|              | <b>BROUGHT FORWARD</b>   |                                  |          |      |                        |
| M110.04 LI   | <b>Backfilling of pavement layers to compaction as specified</b><br>(c ) Fill layer (90% of modified AASHTO density)<br>(i)Areas up to 50m <sup>2</sup><br>(ii)Areas areater than 50m <sup>2</sup> | m <sup>3</sup><br>m <sup>3</sup> | 59       |      | Rate Only              |
| M110.05      | Binder variations<br>(a) Penetration-grade bitumen   | t                                |          |      | Rate Only              |
| M110.06      | Variation in active filler content<br>(a)Cement<br>(b)Lime   | t<br>t                           |          |      | Rate Only<br>Rate Only |
| M110.07      | Overhaul on material hauled in excess of 1,0 km<br>(a) Spoil material  | m3-km                            | 1,973.91 |      |                        |
| M110.09      | Establishment of Paver on Site   | No                               | 3        |      |                        |
| <b>M1100</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>  |                                  |          |      |                        |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT | QUANTITY | RATE | AMOUNT    |
|--------------|---|------|----------|------|-----------|
| <b>M1200</b> | <b>REPAIR OF POTHOLES</b>   |      |          |      |           |
| M120.01 LI   | Pothole repair (<0.5m2) using hot mix continuously graded asphalt   | No.  | 10515    |      |           |
| <b>M1210</b> | <b>REPAIR OF EDGE BREAKS</b>  |      |          |      |           |
| M121.01 LI   | Repair of edge breaks using hot mix continuously graded asphalt   | m    | 11640    |      |           |
| <b>M1220</b> | <b>REPAIR OF SURFACE FAILURES</b>   |      |          |      |           |
| M122.01 LI   | Repair of surface failures hot mix continuously graded asphalt  | No.  | 10515    |      |           |
| <b>M1230</b> | <b>TEMPORARY REPAIR</b>   |      |          |      |           |
| M123.01 LI   | Temporary repair of potholes, edge breaks and surface failures using cold mix asphalt surfacing from the following sources: |      |          |      |           |
|              | (a) Commercial sources  | No   | 5820     |      |           |
|              | (b) Mix on site as specified  | No   | 0        |      | Rate only |
| <b>M1200</b> | <b>TOTAL CARRIED TO SUMMARY</b>   |      |          |      |           |





**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT           | QUANTITY | RATE | AMOUNT    |
|--------------|---|----------------|----------|------|-----------|
| <b>M1600</b> | <b>SURFACE TREATMENT - TEXTURE CORRECTION</b>   |                |          |      |           |
| M160.01 LI   | Application of slurry mixed on site<br>(a)Tack coat using 30% bitumen emulsion  | l              |          |      | Rate only |
|              | (b)Slurry applied for texture treatment<br>(Coarse grading and 80/100 pen. bitumen)   | m <sup>3</sup> |          |      | Rate only |
|              | (i)Applied by hand  | m <sup>3</sup> |          |      | Rate only |
|              | (ii)Applied by spreader box   | m <sup>3</sup> |          |      | Rate only |
| M160.02 LI   | Application of slurry from commercial sources   |                |          |      |           |
|              | (a) Tack coat using 30% bitumen emulsion  | l              |          |      | Rate only |
|              | (b) Slurry applied for texture treatment<br>(Coarse grading and 80/100 pen. bitumen)  | m <sup>3</sup> |          |      | Rate only |
|              | (i)Applied by hand  | m <sup>3</sup> |          |      | Rate only |
|              | (ii)Applied by spreader box   | m <sup>3</sup> |          |      | Rate only |
| <b>M1610</b> | <b>SURFACE TREATMENT - RUT FILLING</b>  |                |          |      |           |
| M161.01      | Application of slurry for rut filling mixed on site   |                |          |      |           |
|              | (a) Slurry applied by spreader box with rigid squeegees in one application for rut filling<br>(Coarse grading and 80/100 pen.bitumen) | m <sup>3</sup> |          |      | Rate only |
| M161.02      | Application of slurry for rut filling from commercial sources   |                |          |      |           |
|              | (a) Slurry applied by spreader box with rigid squeegees in one application for rut filling<br>(Coarse grading and 80/100 pen.bitumen) | m <sup>3</sup> |          |      | Rate only |
|              | (c) Tack coat using 30% bitumen emulsion  | l              |          |      | Rate only |
| <b>M1600</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |                |          |      |           |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT               | QUANTITY | RATE      | AMOUNT    |
|--------------|---|--------------------|----------|-----------|-----------|
| <b>M2100</b> | <b>REPAIR AND MAINTENANCE OF INLET AND OUTLET STRUCTURES</b>                        |                    |          |           |           |
| M210.01 LI   | Excavation  | m <sup>3</sup>     |          |           | Rate only |
| M210.02 LI   | Backfilling   |                    |          |           |           |
|              | (a)Using the excavated material   | m <sup>3</sup>     |          |           | Rate only |
|              | (b)Using stabilised excavated material  | m <sup>3</sup>     |          |           | Rate only |
| M210.03 LI   | Reconstruction of inlet and outlet structures                                       |                    |          |           |           |
|              | (a)Concrete (class 20/19)   | m <sup>3</sup>     |          |           | Rate only |
|              | (b)Brickwork (230mm width)  | m <sup>2</sup>     |          |           | Rate only |
|              | (c ) Plastering   | m <sup>2</sup>     |          |           | Rate only |
|              | (d) Pre-cast Concrete inlets  | No                 |          |           | Rate only |
| M210.04      | Accessories   |                    |          |           |           |
|              | (a)Provisional sum for the cost of accessories                                      | Prov Sum           | 1.00     | 45,000.00 | 45,000.00 |
|              | (b)The Contractor's overhead charges and profit in respect of sub-item BM210.04 (a) | %                  | 45,000   |           |           |
| M210.05 LI   | Demolition of existing structures   |                    |          |           |           |
|              | (a) Plain concrete  | m <sup>3</sup>     | 9        |           | Rate only |
|              | (c) Brickwork   | m <sup>2</sup>     | 9        |           | Rate only |
| M210.07      | Steel reinforcement   |                    |          |           |           |
|              | (a)Mild steel bars  | t                  | 3        |           | Rate only |
|              | (b)High tensile steel bars  | t                  | 3        |           | Rate only |
|              | (c ) Welded steel mesh (Ref 311)  | kg                 | 150      |           | Rate only |
| M210.08      | Overhaul on material hauled in excess of 400m                                       |                    |          |           |           |
|              | (a)Excavated material to spoil  | m <sup>3</sup> -km | 1500     |           | Rate only |
|              | (b)Existing structures demolished   | m <sup>3</sup> -km | 300      |           | Rate only |
| <b>M2100</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |                    |          |           |           |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION  | UNIT  | QUANTITY | RATE | AMOUNT |
|--------------|--|-------|----------|------|--------|
| <b>M2400</b> | <b>CLEANING OF PREFABRICATED CULVERTS</b>  |       |          |      |        |
| M240.01 LI   | Cleaning of prefabricated culverts, inlet and outlet areas<br><br>Various road sections as descibed under C3.1.2.1 : Description of site | month | 36       |      |        |
| <b>M2400</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>  |       |          |      |        |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT  | QUANTITY | RATE | AMOUNT |
|--------------|---|-------|----------|------|--------|
| <b>M2500</b> | <b>CLEANING OF CONCRETE DRAINS AND CHANNELS</b>   |       |          |      |        |
| M250.01 LI   | Cleaning of concrete drainage channels:<br>Various road sections as descibed under<br>C3.1.2.1: Description of site |       |          |      |        |
|              | (a)(i) Hand cleaning  | month | 36       |      |        |
| M250.02 LI   | (b) Extra over for sweeping of concrete<br>drainage channels  | month | 36       |      |        |
| <b>M2500</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |       |          |      |        |

CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| ITEM NO      | DESCRIPTION  | UNIT               | QUANTITY | RATE | AMOUNT |
|--------------|--|--------------------|----------|------|--------|
| <b>M2600</b> | <b>CLEANING AND MAINTENANCE OF EXISTING EARTH CHANNELS</b> |                    |          |      |        |
| M260.01 LI   | Cleaning earth drains and channels                         | m <sup>3</sup>     | 7500     |      |        |
| M260.02 LI   | Repairing of earth drains and channels                     | m <sup>3</sup>     | 7500     |      |        |
| M260.04      | Overhaul on material hauled in excess of 1,0 km            | m <sup>3</sup> -km | 18900    |      |        |
| <b>M2600</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>                    |                    |          |      |        |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT  | QUANTITY | RATE | AMOUNT |
|--------------|---|-------|----------|------|--------|
| <b>M2700</b> | <b>EDGE BUILD-UP REMOVAL</b>  |       |          |      |        |
| M270.01 LI   | Removal of edge build-ups:<br><br>Various road sections as descibed under<br>C3.1.2.1 : Description of site | month | 36       |      |        |
| <b>M2700</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |       |          |      |        |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION  | UNIT  | QUANTITY | RATE | AMOUNT |
|--------------|--|-------|----------|------|--------|
| <b>M3200</b> | <b>COLLECTION AND REMOVAL OF DEBRIS AND LITTER</b>   |       |          |      |        |
| M320.01 LI   | Clearing of the road reserve<br>(a) Urban roads:<br>Various road sections as descibed under C3.1.2.1 : Description of site | month | 36       |      |        |
| <b>M3200</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>  |       |          |      |        |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT               | QUANTITY | RATE | AMOUNT    |
|--------------|---|--------------------|----------|------|-----------|
| <b>M3300</b> | <b>SHOULDER REPAIRS</b>   |                    |          |      |           |
| M330.01 LI   | Reinstating gravel shoulders  |                    |          |      |           |
|              | (a)Ripping, watering, mixing, placing and compacting existing shoulders to 93% of modified AASHTO density | m <sup>3</sup>     |          |      | Rate only |
|              | (b)Extra over sub-item M330.01 (a) for adding extra material from borrowpits outside the road reserve     | m <sup>3</sup>     |          |      | Rate only |
|              | (c ) Extra over sub-item M330.01 (a) for stabilising material   | m <sup>3</sup>     |          |      | Rate only |
|              | (d) Blading   | km                 |          |      | Rate only |
|              | (e ) Cutting of mitre drains  | m                  |          |      | Rate only |
|              | Overhaul on material hauled in excess of 1,0 km   | m <sup>3</sup> -km |          |      | Rate only |
| <b>M3300</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |                    |          |      |           |



**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION  | UNIT           | QUANTITY | RATE | AMOUNT    |
|--------------|--|----------------|----------|------|-----------|
| <b>M4100</b> | <b>ERECTION AND REPAIR OF PERMANENT ROAD TRAFFIC SIGNS</b>   |                |          |      |           |
| M410.01 LI   | Erection or re-erection of road signs with a surface area of:                                      |                |          |      |           |
|              | (a)Up to 2m <sup>2</sup>   | m <sup>2</sup> | 450      |      |           |
|              | (b)Exceeding 2m <sup>2</sup> but not 10m <sup>2</sup>  | m <sup>2</sup> | 150      |      |           |
|              | (c ) Exceeding 10m <sup>2</sup>  | m <sup>2</sup> |          |      | Rate only |
| M410.02 LI   | Road sign supports (overhead road sign strutures excluded)   |                |          |      |           |
|              | (b) Timber:  |                |          |      |           |
|              | (i)100mm diameter  | m              |          |      | Rate only |
|              | (ii)125mm diameter   | m              |          |      | Rate only |
|              | (iii)150mm diameter  | m              |          |      | Rate only |
|              | (iv)175mm diameter   | m              | 1050     |      |           |
| M410.04 LI   | Excavation and backfilling for road sign supports (not applicable to reference marker board posts) | m <sup>3</sup> | 75       |      |           |
| M410.05 LI   | Extra over item M410.04 for cement-treated soil backfill   | m <sup>3</sup> | 75       |      |           |
| M410.10 LI   | Hazard plates  |                |          |      |           |
|              | (a ) W401 sign (150 x 600mm)   |                |          |      |           |
|              | (i)Sign only   | No             | 437      |      |           |
|              | (ii)Post only  | No             | 437      |      |           |
| <b>M4100</b> | <b>TOTAL CARRIED FORWARD</b>   |                |          |      |           |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION  | UNIT        | QUANTITY | RATE       | AMOUNT     |
|--------------|--|-------------|----------|------------|------------|
| <b>M4100</b> | <b>BROUGHT FORWARD</b>   |             |          |            |            |
|              | (b) W401 sign (200 x 800mm)  |             |          |            |            |
|              | (i)Sign only   | No          | 300      |            |            |
|              | (ii)Post only  | No          | 300      |            |            |
|              | (c ) W401 sign (300 x 1200mm)  |             |          |            |            |
|              | (i)Sign only   | No          | 300      |            |            |
|              | (ii)Post only  | No          | 300      |            |            |
| M410.12 LI   | Concrete in road sign footings (class 20/19)                                       | m3          | 36       |            |            |
| M410.14 LI   | Removal of road sign supports  | No          | 600      |            |            |
| M410.15      | Procurement of road signs  |             |          |            |            |
|              | (a)Purchase of manufactured road signs   | Prov<br>Sum | 1        | 180,000.00 | 180,000.00 |
|              | (b)The Contractor's overhead charges and profit in respect of sub-item M410.15 (a) | %           | 180000   |            |            |
| <b>M4100</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>  |             |          |            |            |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO           | DESCRIPTION  | UNIT | QUANTITY | RATE | AMOUNT    |
|-------------------|--|------|----------|------|-----------|
| <b>M4400</b>      | <b>GUARDRAIL ERECTION AND MAINTENANCE</b>  |      |          |      |           |
| <b>M440.01 LI</b> | <b>Supply and erection of new galvanised guardrails</b>  |      |          |      |           |
|                   | (i) Conventional guardrail (3.8m eff. length)  | m    |          |      | Rate only |
|                   | (ii) EU standard guardrail (4.0m eff Length)   | m    |          |      | Rate only |
| <b>M440.02</b>    | <b>Supply and erection of new galvanised curved factory bent to a radius of less than 45 m</b>               | m    |          |      | Rate only |
| <b>M440.03 LI</b> | <b>Extra over for erection of guardrail posts</b>  |      |          |      |           |
|                   | (a) Additional timber posts for items M440.01 and M440.02  | No   |          |      | Rate only |
|                   | (b) Backfilling guardrail post with soilcrete  | No   |          |      | Rate only |
|                   | (c) Backfilling guardrail post with concrete   | No   |          |      | Rate only |
| <b>M440.04 LI</b> | <b>End units</b>   |      |          |      |           |
|                   | (a) End wings  | No   |          |      | Rate only |
|                   | (b) Terminal sections in accordance with the drawings where single guardrail sections are used               | No   |          |      | Rate only |
|                   | (c) Terminal sections in accordance with the drawings where double guardrail sections are used               | No   |          |      | Rate only |
| <b>M440.05 LI</b> | <b>Guardrail reflectors</b>  | No   |          |      | Rate only |
| <b>M440.06 LI</b> | <b>Removal of damaged guardrails and re-erection of guardrails with new, recovered or renovated material</b> |      |          |      |           |
|                   | (a) Guardrails   |      |          |      |           |
|                   | (i) Conventional guardrail (3.8m eff. length)  | m    |          |      | Rate only |
|                   | (ii) EU standard guardrail (4.0m eff Length)   | m    |          |      | Rate only |
| <b>M4400</b>      | <b>TOTAL CARRIED FORWARD</b>   |      |          |      |           |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT   | QUANTITY | RATE | AMOUNT  |
|--------------|---|--|----------|------|---|
| <b>M4400</b> | <b>BROUGHT FORWARD</b>  |  |          |      |   |
|              | (b) End wings<br>(i) Conventional guardrail (3.8m eff. length)<br><br>(ii) EU standard guardrail (4.0m eff Length)<br><br>(c ) Terminal sections with single guardrails<br>(i) Conventional guardrail (3.8m eff. length)<br><br>(ii) EU standard guardrail (4.0m eff Length)<br><br>(d) Terminal sections with double guardrails<br>(i)Conventional guardrail (3.8m eff. length)<br><br>(ii)EU standard guardrail (4.0m eff<br><br>(e) Guardrail posts<br>(i)Conventional guardrail (3.8m eff. length)<br><br>(ii)EU standard guardrail (4.0m eff Length) | No<br><br><br>No<br><br><br>No<br><br><br>No<br><br><br>No<br><br><br>No<br><br><br>No |          |      | Rate only<br><br><br>Rate only<br><br><br>Rate only<br><br><br>Rate only<br><br><br>Rate only<br><br><br>Rate only<br><br><br>Rate only |
| <b>M4400</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |  |          |      |   |

CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| ITEM NO        | DESCRIPTION   | UNIT           | QUANTITY | RATE | AMOUNT |
|----------------|---|----------------|----------|------|--------|
| <b>M4600</b>   | <b>ROAD MARKING</b>   |                |          |      |        |
| <b>M460.02</b> | <b>Retro-reflective road-marking paint:</b>   |                |          |      |        |
|                | (a) White lines (broken or unbroken)  |                |          |      |        |
|                | (i) 100mm wide  | km             | 200      |      |        |
|                | (ii) 200mm wide   | km             | 6        |      |        |
|                | (iii) 500mm wide  | km             | 3        |      |        |
|                | (b) Yellow lines (broken or unbroken)   |                |          |      |        |
|                | (i) 100mm wide  | km             | 400      |      |        |
|                | (ii) 150mm wide   | km             | 1.2      |      |        |
|                | (d) White lettering and symbols   | m <sup>2</sup> | 1050     |      |        |
| <b>M460.04</b> | <b>Setting out and pre-marking the lines (excluding traffic-island markings, lettering and symbols)</b> | km             | 600      |      |        |
| <b>M4600</b>   | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |                |          |      |        |



**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO           | DESCRIPTION   | UNIT     | QUANTITY | RATE      | AMOUNT    |
|-------------------|---|----------|----------|-----------|-----------|
| <b>M4700</b>      | <b>MAINTENANCE OF LAY-BYES AND REST AREAS</b>   |          |          |           |           |
| <b>M470.01 LI</b> | <b>Maintenance of lay-byes and rest areas</b><br><br>(a) Maintenance of lay-byes and rest areas<br><br>(b) The Contractor's overhead charges and profit in respect of sub-item M470.01 (a)  | Prov Sum | 1        | 45,000.00 | 45,000.00 |
| <b>M470.02 LI</b> | <b>Provision of refuse bins, gazebos, tables and chairs</b><br><br>(a) Provision of refuse bins<br><br>(b) The Contractor's overhead charges and profit in respect of sub-item BM470.02 (a) | Prov Sum | 1        | 54,000.00 | 54,000.00 |
| <b>M4700</b>      | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |          |          |           |           |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO           | DESCRIPTION  | UNIT           | QUANTITY | RATE | AMOUNT    |
|-------------------|--|----------------|----------|------|-----------|
| <b>M5100</b>      | <b>GENERAL EROSION PROTECTION</b>  |                |          |      |           |
| <b>M510.01 LI</b> | <b>Stone pitching</b>  |                |          |      |           |
|                   | (a) Plain pitching   |                |          |      |           |
|                   | (i) Method 1   | m <sup>2</sup> | 3000     |      | Rate only |
|                   | (ii) Method 2  | m <sup>2</sup> | 24       |      | Rate only |
|                   | (b) Grouted pitching   | m <sup>2</sup> | 0        |      | Rate only |
|                   | (c) Wired-and-grouted pitching   | m <sup>2</sup> | 0        |      | Rate only |
|                   | (d) Grouted pitching on a concrete bed<br>(75mm thick, 20/19 MPa concrete)                         | m <sup>2</sup> | 0        |      | Rate only |
| <b>M510.02 LI</b> | <b>Riprap</b>  |                |          |      |           |
|                   | (a) Packed riprap  | m <sup>3</sup> | 0        |      | Rate only |
|                   | (b) Dumped riprap  | m <sup>3</sup> | 0        |      | Rate only |
|                   | (c ) Filter backing  |                | 0        |      | Rate only |
|                   | (i) Crushed stone  | m <sup>3</sup> | 0        |      | Rate only |
|                   | (ii) Filter sand   | m <sup>3</sup> | 0        |      | Rate only |
|                   | (d) Synthetic-fibre filter fabric (Grade 2)  | m <sup>3</sup> | 0        |      | Rate only |
| <b>M510.03 LI</b> | <b>Stone masonry walls</b>   |                |          |      |           |
|                   | (a) Plain packed stone   | m <sup>3</sup> | 0        |      | Rate only |
|                   | (b) Cement-mortared stone walls  | m <sup>3</sup> | 0        |      | Rate only |
| <b>M510.05 LI</b> | <b>Concrete edge beams (30 Mpa concrete)</b>   |                |          |      |           |
|                   | (a) Cast in situ concrete Concrete edge beams, 300 x 300mm in 2m sections class 30/19 Mpa concrete | m <sup>3</sup> | 270      |      |           |
| <b>M510.06 LI</b> | <b>Foundation trenches</b>   | m <sup>3</sup> | 60       |      |           |
| <b>M5100</b>      | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>  |                |          |      |           |



TENDER NUMBER: DRT 32 B2/03/2016  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| ITEM NO           | DESCRIPTION  | UNIT           | QUANTITY | RATE | AMOUNT |
|-------------------|--|----------------|----------|------|--------|
| <b>M5200</b>      | <b>GABION PROTECTION</b>   |                |          |      |        |
| <b>M520.01 LI</b> | <b>Foundation trench excavation and backfilling</b><br>(a)In solid rock (material which requires blasting) | m <sup>3</sup> | 30       |      |        |
|                   | (b)In all other classes of material  | m <sup>3</sup> | 240      |      |        |
| <b>M520.02 LI</b> | <b>Surface preparation for bedding the gabions</b>   | m <sup>2</sup> | 960      |      |        |
| <b>M520.03 LI</b> | <b>Gabions</b><br>(a) Gabion baskets (1mx1mx1m, mesh. 80mmx100mm and 2,5mm diameter wire))                 | m <sup>3</sup> | 480      |      |        |
|                   | (b) Galvanised gabion mattresses (2mx1mx0,3m deep, mesh 80mmx100mm, 2,2mm diameter wire, 600mm diaphragm)  | m <sup>3</sup> | 480      |      |        |
| <b>M520.04</b>    | Extra over item M520.03 for supplying gabions with PVC-coated wire   | m <sup>3</sup> | 960      |      |        |
| <b>M520.05 LI</b> | <b>Filter fabric (Grade 2)</b>   | m <sup>2</sup> | 2400     |      |        |
| <b>M5200</b>      | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>  |                |          |      |        |

CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| ITEM NO           | DESCRIPTION   | UNIT                 | QUANTITY     | RATE | AMOUNT |
|-------------------|---|----------------------|--------------|------|--------|
| <b>M6100</b>      | <b>GRASS CUTTING: SHOULDER AND GENERAL MOWING</b>   |                      |              |      |        |
| <b>M610.01 LI</b> | <b>Shoulder mowing and removal of grass cuttings</b><br>(b)Reserve with single carriageway<br>Various road sections as descibed under C3.1.2.1 : Description of site  | ha                   | 60           |      |        |
| <b>M610.02 LI</b> | <b>General mowing and removal of grass cuttings</b><br>(b)Reserve with single carriageway<br>Various road sections as descibed under C3.1.2.1 : Description of site   | ha                   | 750          |      |        |
| <b>M611.01 LI</b> | <b>Cutting of designated areas</b><br>(a) Sight triangle at intersections, road signs and marker boards at the following section and interchanges<br>Various road sections as descibed under C3.1.2.1 : Description of site | No                   | 150          |      |        |
| <b>M611.02 LI</b> | <b>Additional cutting</b><br>(a)Any area on instruction of the Engineer<br>(c) 1m cut either side of concrete drains  | m <sup>2</sup><br>km | 43,650<br>15 |      |        |
| <b>M6100</b>      | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |                      |              |      |        |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT                       | QUANTITY | RATE | AMOUNT  |
|--------------|---|----------------------------|----------|------|---|
| <b>M6300</b> | <b>REMOVAL OF UNDESIRABLE VEGETATION: PHYSICAL ERADICATION</b>  |                            |          |      |   |
| M630.01 LI   | Eradication of undesirable vegetation<br>(b) Annual eradication<br>Various road sections as descibed under C3.1.2.1 : Description of site   | ha                         |          |      | Rate only   |
| M630.02 LI   | Tree felling on instruction of the Engineer<br>(a) Girth 151 mm to 500 mm<br>(b) Girth 501 mm to 1000 mm<br>(c) Girth 1 001 mm to 2000 mm<br>(d) Girth 2 001 mm to 4000 mm<br>(e) Girth larger than 4000 mm | No<br>No<br>No<br>No<br>No |          |      | Rate only<br>Rate only<br>Rate only<br>Rate only<br>Rate only |
| M630.04 LI   | Additional eradication of undesirable vegetation on instruction of the Engineer   | ha                         |          |      | Rate only   |
| <b>M6300</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |                            |          |      |   |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO      | DESCRIPTION   | UNIT             | QUANTITY       | RATE      | AMOUNT    |
|--------------|---|------------------|----------------|-----------|-----------|
| <b>M8100</b> | <b>MINOR REPAIRS TO STRUCTURES</b>  |                  |                |           |           |
| M810.01 LI   | Minor repairs to structures<br>(a)Minor repairs to structures<br>(b)The Contractor's overhead charges and profit in respect of sub-item M810.01 (a) | Prov<br>Sum<br>% | 1.00<br>60,000 | 60,000.00 | 60,000.00 |
| <b>M8100</b> | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |                  |                |           |           |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

| ITEM NO        | DESCRIPTION                                    | UNIT | QUANTITY | RATE | AMOUNT |
|----------------|--|------|----------|------|--------|
| <b>M9100</b>   | <b>DAYWORKS SCHEDULE</b>                       |      |          |      |        |
| <b>M910.01</b> | <b>Labour during normal working hours</b>      |      |          |      |        |
|                | (a) Unskilled                                  | h    | 27       |      |        |
|                | (b) Semi-skilled                               | h    | 27       |      |        |
|                | (c) Skilled                                    | h    | 27       |      |        |
|                | (d) Ganger                                     | h    | 27       |      |        |
|                | (e) Flagmen                                    | h    | 27       |      |        |
| <b>M910.02</b> | <b>Labour outside normal working hours</b>     |      |          |      |        |
|                | (a) Outside normal working hours and Saturdays |      |          |      |        |
|                | (i) Unskilled                                  | h    | 27       |      |        |
|                | (ii) Semi-skilled                              | h    | 27       |      |        |
|                | (iii) Skilled                                  | h    | 27       |      |        |
|                | (iv) Ganger                                    | h    | 27       |      |        |
|                | (v) Flagmen                                    | h    | 27       |      |        |
|                | (b) Sundays and public holidays                |      |          |      |        |
|                | (i) Unskilled                                  | h    | 27       |      |        |
|                | (ii) Semi-skilled                              | h    | 27       |      |        |
|                | (iii) Skilled                                  | h    | 27       |      |        |
|                | (iv) Ganger                                    | h    | 27       |      |        |
|                | (v) Flagmen                                    | h    | 27       |      |        |
| <b>M9100</b>   | <b>TOTAL CARRIED FORWARD</b>                   |      |          |      |        |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO        | DESCRIPTION   | UNIT | QUANTITY | RATE | AMOUNT |
|----------------|---|------|----------|------|--------|
|                | <b>BROUGHT FORWARD</b>  |      |          |      |        |
| <b>M910.03</b> | <b>Transport and equipment</b>                                      |      |          |      |        |
|                | (a) Tipper Trucks   |      |          |      |        |
|                | (i) 3 to 5 ton capacity   | h    | 27       |      |        |
|                | (ii) More than 5 ton capacity                                       | h    | 27       |      |        |
|                | (b) TLB - Tractor, loader, backhoe (0.5m3 bucket)                   | h    | 27       |      |        |
|                | (c ) Grader (CAT 140 G or similar)                                  | h    | 27       |      |        |
|                | (d) Compactor (Bomag BW 90)   | h    | 27       |      |        |
|                | (e) Water truck (5 000 litre)                                       | h    | 27       |      |        |
|                | (f) Mechanical broom  | h    | 27       |      |        |
|                | (g) Suitable truck/bus for transporting labourers (40 seater)       | h    | 27       |      |        |
|                | (h) Safety vehicle for pre-marking purposes                         | h    | 27       |      |        |
|                | (i) Compressor (air) including hoses and tools(up to10m3/min)       | h    | 27       |      |        |
|                | (j) Dewatering pump including generators and accessories (500l/min) | h    | 27       |      |        |
|                | (k) Mobile concrete mixers (150l)                                   | h    | 27       |      |        |
|                | (l) Flat bed truck (6 ton)  | h    | 27       |      |        |
|                | (m) Light delivery vehicle (LDV)                                    | h    | 27       |      |        |
|                | (n) Centremount cranes (20ton)                                      | h    | 27       |      |        |
| <b>M9100</b>   | <b>TOTAL CARRIED FORWARD</b>  |      |          |      |        |

CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| ITEM NO           | DESCRIPTION   | UNIT     | QUANTITY | RATE      | AMOUNT    |
|-------------------|---|----------|----------|-----------|-----------|
| <b>M9100</b>      | <b>BROUGHT FORWARD</b>  |          |          |           |           |
|                   | (o) Portable generator set  | h        | 27       |           |           |
|                   | (p) Establishment of a TLB - Tractor, loader, backhoe (0.5m3 bucket)                | No       | 27       |           |           |
|                   | (q) Establishment of grader (CAT 140 G or similar)                                  | No       | 27       |           |           |
| <b>M910.04 LI</b> | <b>Procurement of materials</b>   |          |          |           |           |
|                   | (a)Procurement of materials   | Prov Sum | 1.00     | 90,000.00 | 90,000.00 |
|                   | (b)The Contractor's overhead charges and profit in respect of sub-item BM910.04 (a) | %        | 90,000   |           |           |
| <b>M910.05</b>    | <b>Extra over item M910.03 for establishment within 24 hours</b>                    |          |          |           |           |
|                   | (a) Tipper trucks   |          |          |           |           |
|                   | (i)3 to 5 ton capacity  | No       | 3.00     |           |           |
|                   | (ii)More than 5 ton capacity  | No       | 3.00     |           |           |
|                   | (b) TLB - Tractor, loader, backhoe (0.5m3 bucket)                                   | No       | 3.00     |           |           |
|                   | (c) Dewatering pump including generators and accessories (500l/min)                 | No       | 3.00     |           |           |
|                   | (d) Water truck (5000 litre)  | No       | 3.00     |           |           |
| <b>M9100</b>      | <b>TOTAL CARRIED FORWARD</b>  |          |          |           |           |

CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY

| SECTION | DESCRIPTION   | AMOUNT |
|---------|---|--------|
| M0200   | GENERAL REQUIREMENTS AND PROVISIONS                                   |        |
| M0300   | CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS            |        |
| B1400   | HOUSING, OFFICES AND LABORATORIES FOR THE CONTRACTOR'S SITE PERSONNEL |        |
| M0500   | ACCOMMODATION OF TRAFFIC  |        |
| M1100   | PAVEMENT LAYERS REPAIR  |        |
| M1200   | REPAIR OF POTHOLES, EDGE BREAKS AND SURFACE FAILURES                  |        |
| M1300   | CRACK SEALING   |        |
| M1600   | SURFACE TREATMENT OF SURFACED ROADS                                   |        |
| M2100   | REPAIR AND MAINTENANCE OF INLET AND OUTLET STRUCTURES                 |        |
| M2400   | CLEANING OF PREFABRICATED CULVERTS                                    |        |
| M2500   | CLEANING OF CONCRETE DRAINS AND CHANNELS                              |        |
| M2600   | CLEANING AND MAINTENANCE OF EXISTING EARTH CHANNELS                   |        |
| M2700   | EDGE BUILD-UP REMOVAL   |        |
| M3200   | COLLECTION AND REMOVAL OF DEBRIS AND LITTER                           |        |
| M3300   | SHOULDER REPAIRS  |        |
| M4100   | ERECTION AND REPAIR OF PERMANENT ROAD TRAFFIC SIGNS                   |        |
| M4400   | GUARDRAIL ERECTION AND MAINTENANCE                                    |        |
| M4600   | ROAD MARKINGS   |        |
| M4700   | MAINTENANCE OF LAY-BYES AND REST AREAS                                |        |
| M5100   | GENERAL EROSION PROTECTION  |        |
| M5200   | GABION PROTECTION   |        |
| M6100   | CONTROLLING VEGETATION GROWTH: MOWING AND CUTTING                     |        |
| M6300   | REMOVAL OF UNDESIRABLE VEGETATION: PHYSICAL ERADICATION               |        |
| M8100   | MINOR REPAIRS TO STRUCTURES   |        |
| M9100   | DAYWORKS SCHEDULE   |        |
|         | <b>TOTAL SCHEDULE A: ROUTINE ROAD MAINTENANCE</b>                     |        |



**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO        | DESCRIPTION   | UNIT                                      | QUANTITY                             | RATE  | AMOUNT  |
|----------------|---|---|--------------------------------------|---|---|
| <b>B100</b>    | <b>SOCIAL FACILITATION</b>  |   |                                      |   |   |
| <b>B100.01</b> | <b>Provision for Social Consultant and establishment</b><br><br>(a) Initial facilitation processes (including establishment of PSC & Liasing with Local Authorities)<br><br>(b) Monitoring activities on a Monthly basis<br><br>(c) Contractor's handling costs, profit and all other charges in respect of subitem B100.01 above | <br><br>Prov Sum<br><br>Prov Sum<br><br>% | <br><br>1<br><br>1<br><br>920,000.00 | <br><br>20,000.00<br><br>900,000.00<br><br><br> | <br><br>20,000.00<br><br>900,000.00<br><br><br> |
| <b>B</b>       | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |   |                                      |   |   |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO        | DESCRIPTION   | UNIT     | QUANTITY | RATE       | AMOUNT     |
|----------------|---|----------|----------|------------|------------|
| <b>D100</b>    | <b>OCCUPATIONAL HEALTH AND SAFETY ACT</b>   |          |          |            |            |
| <b>C100.01</b> | <b>Contractor's initial obligations in respect of the Occupational Health and Safety Act and Construction regulations</b>   | Lump Sum | 1        |            |            |
| <b>C100.03</b> | <b>Submission of the Health and Safety File</b>   | Lump Sum | 1        |            |            |
| <b>C100.04</b> | <b>Provision for OHS consultant</b>   | Prov Sum | 1        | 900,000.00 | 900,000.00 |
| <b>C100.05</b> | <b>Medical Surveillance Program for all employees, Entry, Exit and Annual Medicals</b>  | Prov Sum | 1        | 702,000.00 | 702,000.00 |
|                | (a) Contractor's handling costs, profit and all other charges in respect of subitem D100.04 and D100.05 above   | Prov Sum | 1        | 120,150.00 | 120,150.00 |
| <b>C100.06</b> | <b>Communication Per Month per Safety Officer</b><br>Cell Phones for Safety Personnel<br>Land line for Safety Personnel Offices<br>Radio Communication for Safety Personnel<br>E-mail for Safety Personnel<br>Fax Line for Safety Personnel | Month    | 36       |            |            |
| <b>C100.07</b> | <b>PPE for all beneficiaries at 4 pairs per year</b>  |          |          |            |            |
|                | (a) Reflective overalls (all sizes) : Acid resistant  | No       | 2,340    |            |            |
|                | (b) Sun Hats  | No       | 2,340    |            |            |
|                | (c) Safety Glasses  | No       | 2,340    |            |            |
|                | (d) Steel Toe Tip Boots   | No       | 2,340    |            |            |
|                | (e) Dust Masks  | No       | 2,340    |            |            |
|                | (f) Reflective Jacktes  | No       | 100      |            |            |
| <b>C100.08</b> | <b>Safety Signs</b>   |          |          |            |            |
|                | (a) Site Notice Boards  | No       | 5        |            |            |
|                | (b) Site office direction sign  | No       | 5        |            |            |
|                | (c) No smoking signs  | No       | 5        |            |            |
| <b>C100.09</b> | <b>Safety Equipment</b>   |          |          |            |            |
|                | (a) Fire Extinguishers (9kg)  | No       | 5        |            |            |
| <b>C</b>       | <b>TOTAL CARRIED FORWARD TO SUMMARY</b>   |          |          |            |            |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO        | DESCRIPTION  | UNIT | QUANTITY | RATE      | AMOUNT    |
|----------------|--|------|----------|-----------|-----------|
| <b>D100</b>    | <b>ENVIRONMENTAL MANAGEMENT PLAN</b>   |      |          |           |           |
| <b>D100.01</b> | <b>Pernalty for unnecessary removal or damage to trees for the following diameter sizes:</b>                                 |      |          |           |           |
|                | (a) 2 600mm girth or less  | No.  |          | -5000.00  | Rate Only |
|                | (b) Greater than 2 600mm, but less than 6 180mm girth  | No.  |          | -10000.00 | Rate Only |
|                | (c) Greater than 6 180mm girth   | No.  |          | -30000.00 | Rate Only |
| <b>D100.02</b> | <b>Penalty for serious violations</b>  |      |          |           |           |
|                | (a) Hazardous chemical/oil spill and/or dumping in non-approved sites  | No.  |          | -10000.00 | Rate Only |
|                | (b) General damage to sensitive environments   | No.  |          | -5000.00  | Rate Only |
|                | (c) Damage to cultural and historical sites  | No.  |          | -5000.00  | Rate Only |
|                | (d) Pollution of water sources   | No.  |          | -10000.00 | Rate Only |
|                | (e) Unauthorised blasting activities   | No.  |          | -5000.00  | Rate Only |
|                | (f) Uncontrolled/unmanaged erosion per incident, depending on environment impacts, plus rehabilitation at contractor's cost) | No.  |          | -5000.00  | Rate Only |
| <b>D100.03</b> | <b>Penalty for less serious violations</b>   |      |          |           |           |
|                | (a) Littering on site  | No.  |          | -1000.00  | Rate Only |
|                | (b) Lighting of illegal fires on site  | No.  |          | -1000.00  | Rate Only |
|                | (c) Persistent or un-repaired fuel and oil leak  | No.  |          | -1000.00  | Rate Only |
|                | (d) Excess dust or excess noise emanating from site  | No.  |          | -1000.00  | Rate Only |
| <b>D</b>       | <b>TOTAL CARRIED FORWARD</b>   |      |          |           | <b>-</b>  |

**CONTRACT NO:LDPWRI-ROADS/17022**  
**HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT**  
**GREATER LETABA MUNICIPALITY**

| ITEM NO                | DESCRIPTION  | UNIT | QUANTITY | RATE     | AMOUNT    |
|------------------------|--|------|----------|----------|-----------|
| <b>Brought forward</b> |  |      |          |          | -         |
|                        | (e) Dumping of milled material in side drains or on grassed areas                                      | No.  |          | -1000.00 | Rate Only |
|                        | (f) Possession or use of intoxicating substances on site   | No.  |          | -500.00  | Rate Only |
|                        | (g) Any vehicles being driven in excess of designated speed limits                                     | No.  |          | -500.00  | Rate Only |
|                        | (h) Removal and/or damage to flora or cultural or heritage objects on site, and/or killing of wildlife | No.  |          | -2000.00 | Rate Only |
|                        | (i) Illegal hunting  | No.  |          | -2000.00 | Rate Only |
|                        | (j) Urination and defecation anywhere except in designated areas                                       | No.  |          | -500.00  | Rate Only |
| <b>D100</b>            | <b>TOTAL CARRIED TO SUMMARY</b>  |      |          |          | -         |

**CONTRACT NO:LDPWRI-ROADS/17022  
HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT  
GREATER LETABA MUNICIPALITY**

**CALCULATION OF TENDER SUM**

| DESCRIPTION  | AMOUNT |
|--|--------|
| <p>CONTRACT NO:LDPWRI-ROADS/17022<br/> HOUSEHOLD ROUTINE ROAD MAINTENANCE PROJECT<br/> GREATER LETABA MUNICIPALITY</p> |        |
| <p>TOTAL SCHEDULE A: ROUTINE ROAD MAINTENANCE</p>  |        |
| <p>TOTAL PART B : SOCIAL FACILITATION</p>  |        |
| <p>TOTAL PART C : OCCUPATIONAL HEALTH AND SAFETY ACT</p>   |        |
| <p>TOTAL PART D : ENVIRONMENTAL MANAGEMENT PLAN</p>  |        |
| <p>SUB-TOTAL A,B,C &amp; D</p>   |        |
| <p>SUB-TOTAL</p>   |        |
| <p style="text-align: center;">VAT AT 14%</p>  |        |
| <p>TENDER SUM CARRIED FORWARD TO FORM C1.1</p>   |        |
|  |        |