



DELIBERASAUN N. 113/VIII/CAFI/2025

Conselho de Administração do Fundo das Infraestruturas – CAFI, bazeia ba artigo 10º (1) e (3) DL Nº. 25/2024, de 22 de maio, Primeira Alteração ao DL Nº.13/2016, 18 de Maio, realiza reuniaun Extraordinária iha loron Segunda-feira, 25 de Agosto de 2025, e halo deliberasaun ba assunto tuir mai ne'e:

Asuntu: Pedido Aprovasaun no Autorizasaun Despezas ba Pakote Konstrusaun no Reabilitasaun Estrada Urbana iha Dili no iha Munisipiu.

Proponente: Ministério da Obras Publicas - MOP

Notas/justifikasaun:

- Bazeia ba despacho husi Ministro do MPIE ho karta no. Ref.: 1282/CG-GMPIE/VIII/2025, data 13 de Agosto de 2025, no. Ref.: 1333/CG-GMPIE/VIII/2025, data 21 de Agosto de 2025,. Ref.: 1334/CG-GMPIE/VIII/2025, data 21 de Agosto de 2025 e no. Ref.: 1330/CG-GMPIE/VIII/2025, data 21 de Agosto de 2025;
- Bazeia ba despacho husi Ministro das Obras Publicas ho no. Ref.: 1596/GAB.MOP/VIII/2025, data 11 de Agostode 2025; no. Ref.: 1589/GAB.MOP/VIII/2025, data 14 de Agostode 2025; no. Ref.: 1548/GAB.MOP/VIII/2025, data 11 de Agostode 2025, no. Ref.: 1610/GAB.MOP/VIII/2025, data 18 de Agostode 2025 ho asuntu: Pedidu Ajendamentu CAFI;
- DL Nº. 25/2024, de 22 de maio, Primeira Alteração ao DL Nº.13/2016, 18 de Maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento projetu FI nian sei lao tuir Regime Juridiku Aprovizionamento em vigor;
- Modalidade aprovisionamento bazeia ba kustu projetu no sei lao tuir Decreto-Lei No.22/2022 de 11 de Maio;
- Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
- Projetu nain konfirma katak sei asume responsabilidade ba monitorizaun e akompanhamentu ba ezekusaun projetu ne'e no sei garante kualidade seryisu nian tuir padraun no espesifikasiun ne'ebe aprova ona
- Lista proposta:



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No .	Naran Projeto	Verifikasiun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade
1	Cristo Rei Dolock Oan Junction (Sta 1+520 to Sta. 3+080), Cristo Rei, Dili Municipality, Timor Leste	\$ 4,011,707.38 No.ref.:1424/ADN,I.P./V II/2025, data 30 de julho de 2025	<ul style="list-style-type: none"> • Alokasaun FI 2025: \$0 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)
2	Cristo Rei Dolock Oan Junction (Sta. 3+080 to Sta. 4+683.71), Cristo Rei, Dili Municipality, Timor Leste	\$3,993,126.13 No.ref.:1424/ADN,I.P./V II/2025, data 30 de julho de 2025	<ul style="list-style-type: none"> • Alokasaun FI 2025: \$0 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)
3	Rehabilitation and Construction of Road and Channels (Length = 678 m), Rua de Komunal, Municipality of Dili, Timor Leste	\$2,494,273.58 No.ref.:1501/ADN,I.P./V III/2025, data 6 de Agosto de 2025	<ul style="list-style-type: none"> • Alokasaun FI 2025: \$0 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)
4	Manutensaun Drainage & Pipe Diresaun Bebonuk Segment 1 to Segment 24 (Total Length = 4,81 km), Municipio Dili, Timor Leste	\$3,203,695.25	<ul style="list-style-type: none"> • Alokasaun FI 2025: \$0 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)

DELIBERASAUN N.º113/VIII/CAFI/2025

Pájina 2 hosi 16



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No .	Naran Projeto	Verifikasiun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade
5	Upgrading Roads Construction Culuhun Bridge to Becora Terminal Bridge Sta.0+000 km to Sta.1+550 km (Package I), Suco Kuluhun-Kulau, Posto Administrativo Cristo Rei Municipio Dili	\$3,420,141.51 No.ref.:1564/ADN,I.P./V III/2025, data 14 de Agosto de 2025	<ul style="list-style-type: none"> • Alokasaun FI 2025: \$0 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)
6	Upgrading Roads Construction Culuhun Bridge to Becora Terminal Bridge Sta.1+550 km to Sta.3+100 km (Package II), Suco Kuluhun-Kulau, Posto Administrativo Cristo Rei Municipio Dili	\$3,589,442.65 No.ref.:1563/ADN,I.P./V III/2025, data 14 de Agosto de 2025	<ul style="list-style-type: none"> • Alokasaun FI 2025: \$0 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)
7	Rehabilitation of Vila Maumeta - Beloi Roads Sta. 0+000 - 4+500 km, Atauro, Municipality of Dili	\$3,250,843.98 No.ref.:1429/RDTL/MPI EADN/IX/2017, data 19 de Setembro de 2017	<ul style="list-style-type: none"> • Alokasaun FI 2025: \$500,000.00 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 026054T: Rehabilitation of Roads From Vila Maumeta to Beloi (Sta.2+800- 4+900)
8	Rehabilitation of Vila Maumeta - Beloi Roads Sta. 4+500 - 10+717 km, Atauro, Municipality of Dili	\$4,377,583.31 No.ref.:1428/RDTL/MPI EADN/IX/2017, data 19 de Setembro de 2017	<ul style="list-style-type: none"> • Alokasaun FI 2025: \$500,000.00 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 026054T: Rehabilitation of Roads From Vila Maumeta to Beloi (Sta.2+800- 4+900)



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

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9	Road and Drainage Rehabilitation Project Road Section Aileu City (Link II - XII)	\$4,687,065.95	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 0260920: Reabilitasaun Estrada urbana Aileu)
10	Road and Drainage Rehabilitation Project Road Section Aileu City (Link XIII - XXIV)	\$1,514,600.25	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 0260920: Reabilitasaun Estrada urbana Aileu)
11	Road and Drainage Rehabilitation Project Road Section Aileu City (Link I Sta. 0+000 - 3+500)	\$2,591,253.84	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 0260920: Reabilitasaun Estrada urbana Aileu)
12	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot I (Sta 0+000 To 5+000)	\$4,624,370.53	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 02605A1: Reabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km)
13	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) : Lot II (Sta 5+000 To 10+000)	\$3,814,440.01	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;

DELIBERASAUN N.º113/VIII/CAFI/2025

Página 4 hosi 16



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No .	Naran Projeto	Verifikasiadun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade
			<ul style="list-style-type: none"> Kodigu Atividade 02605A1 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km)
14	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot III (Sta 10+000 To 15+000)	\$3,837,028.55	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605A1: Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km)
15	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot IV (Sta 15+000 To 20+170)	\$4,373,746.71	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605A1: Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km)
16	Rehabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta. 00+000 - Sta 07+500) Package I	\$4,375,805.40	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)
17	Rehabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 07+500 - Sta. 15+000) Package II	\$3,840,664.80	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional,

DELIBERASAUN N.º113/VIII/CAFI/2025

Pájina 5 hosi 16



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No .	Naran Projeto	Verifikasiun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade
			Natarbora - Betano (A14), 7.5 Km)
18	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 15+000 - Sta. 22+500) Package III	\$3,757,483.31	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)
19	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 22+500 - Sta. 30+000) Package IV	\$3,669,237.29	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)
20	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 30+000 - Sta. 38+657.39) Package V	\$4,705,409.39	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)

Rekomendasaun:

- CAFI atu aprova despezas no kustu total nune'e mos konfirma finansiamentu iha FI 2025 bazeia ba pedidu husi Ministério das Obras Públicas – MOP;
- Desizaun kona ba abertura ka inisiasaun prosesu aprovisionamentu bazeia, Artigo 24 & 25, Decreto Lei No.43/2024, de 20 de Dezembro, regra ezekusaun OGE 2025;
- CAFI nudar orgaun kompetenti atu autoriza despezas tuir Artigo 5º alínea (b) DL no. 23/2022, de 19 de maio;

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IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

- 4) Bazeia ba Artigo 21, DL No.13/2016, de 18 de maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento projetu FI nian sei lao tuir Regime Juriku Aprovizionamento em vigor;
- 5) Decreto-Lei No. 22/2022 de 11 de Maio, o regime jurídico do aprovisionamento, dos contratos públicos e das respectivas infracções, artigo 42º Regras Espesiais, desizaun kona ba modalidade aprovisionamentu determina bazeia ba kustu projetu no justifikasaun tekniku no legal husi MOP hanesan entidade adjudikante;
- 6) Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
- 7) Projetu nain sei assume responsabilidade ba koordenaun entre entidade relevantes ba implementasaun projetu ne'e, e ba supervizaun, monitorizasaun e akompanhamentu ba projetu ne'e iha faze implementasaun, e sei garante kualidade servisu konstrusaun nian tuir espesifikasiun nebe aprova ona;

Desizaun:

1. CAFI aprova despezas no kustu total nune'e mos konfirma finansiamentu iha FI 2025 bazeia ba pedidu husi Ministério das Obras Públicas – MOP nudar projetu nain;
2. Desizaun kona ba abertura ka inisiasiun prosesu aprovisionamentu bazeia, Artigo 24 & 25, Decreto Lei No.43/2024, de 20 de Dezembro, regra ezekusaun OGE 2025;
3. CAFI nudar orgaun kompetenti atu autoriza despezas tuir Artigo 5º alinea (b) DL no. 23/2022, de 19 de maio;
4. Bazeia ba Artigo 21, DL No.13/2016, de 18 de maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento projetu FI nian sei lao tuir Regime Juriku Aprovizionamento em vigor;
5. Decreto-Lei No. 22/2022 de 11 de Maio, o regime jurídico do aprovisionamento, dos contratos públicos e das respectivas infracções, artigo 42º Regras Espesiais, desizaun kona ba modalidade aprovisionamentu determina bazeia ba kustu projetu no justifikasaun tekniku no legal husi MOP hanesan entidade adjudikante;
6. Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
7. Projetu nain sei assume responsabilidade ba koordenaun entre entidade relevantes ba implementasaun projetu ne'e, e ba supervizaun, monitorizasaun e akompanhamentu ba projetu ne'e iha faze implementasaun, e sei garante kualidade servisu konstrusaun nian tuir espesifikasiun nebe aprova ona;
8. Lista Aprovasaun CAFI:



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

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1	Cristo Rei Dolock Oan Junction (Sta. 1+520 to Sta. 3+080), Cristo Rei, Dili Municipality, Timor Leste	\$ 4,011,707.38 No.ref.:1424/AD N,I.P./VII/2025, data 30 de julho de 2025	<ul style="list-style-type: none">• Alokasaun FI 2025: \$0• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)	CAFI: Aprova no autoriza despezas
2	Cristo Rei Dolock Oan Junction (Sta. 3+080 to Sta. 4+683.71), Cristo Rei, Dili Municipality, Timor Leste	\$3,993,126.13 No.ref.:1424/AD N,I.P./VII/2025, data 30 de julho de 2025	<ul style="list-style-type: none">• Alokasaun FI 2025: \$0• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)	CAFI: Aprova no autoriza despezas
3	Rehabilitation and Construction of Road and Channels (Length = 678 m), Rua de Komunal, Municipality of Dili, Timor Leste	\$2,494,273.58 No.ref.:1501/AD N,I.P./VIII/2025, data 6 de Agosto de 2025	<ul style="list-style-type: none">• Alokasaun FI 2025: \$0• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana)	CAFI: Aprova no autoriza despezas



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No.	Naran Projeto	Verifikasiadun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade	Orgaun Kompetenti Autoriza despezas – DL no. 23/2022, 19 de maio
4	Manutensaun Drainage & Pipe Diresaun Bebonuk Segment 1 to Segment 24 (Total Lenght = 4,81 km), Municipio Dili, Timor Leste	\$3,203,695.25	<ul style="list-style-type: none"> Alokasaun FI 2025: \$0 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana) 	CAFI: Aprova no autoriza despezas
5	Upgrading Roads Construction Culuhun Bridge to Becora Terminal Bridge Sta.0+000 km to Sta.1+550 km (Package I), Suco Kuluhun-Kulau, Posto Administrativo Cristo Rei Municipio Dili	\$3,420,141.51 No.ref.:1564/AD N,I.P./VIII/2025, data 14 de Agosto de 2025	<ul style="list-style-type: none"> Alokasaun FI 2025: \$0 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana) 	CAFI: Aprova no autoriza despezas
6	Upgrading Roads Construction Culuhun Bridge to Becora Terminal Bridge Sta.1+550 km to Sta.3+100 km (Package II), Suco Kuluhun-Kulau, Posto Administrativo Cristo Rei Municipio Dili	\$3,589,442.65 No.ref.:1563/AD N,I.P./VIII/2025, data 14 de Agosto de 2025	<ul style="list-style-type: none"> Alokasaun FI 2025: \$0 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605B3: Rehabilitasaun estrada Urbana Dili A, 26.9 Km (Cristo-Rei Dolok Oan, Aimutin, Delta I,II,IV. Manleuana) 	CAFI: Aprova no autoriza despezas



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

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7	Rehabilitation of Vila Maumeta - Beloi Roads Sta. 0+000 - 4+500 km, Atauro, Municipality of Dili	\$3,250,843.98 No.ref.:1429/RD TL/MPIEADN/I X/2017, data 19 de Setembro de 2017	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 026054T: Rehabilitation of Roads From Vila Maumeta to Beloi (Sta.2+800- 4+900)	CAFI: Aprova no autoriza despezas
8	Rehabilitation of Vila Maumeta - Beloi Roads Sta. 4+500 - 10+717 km, Atauro, Municipality of Dili	\$4,377,583.31 No.ref.:1428/RD TL/MPIEADN/I X/2017, data 19 de Setembro de 2017	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 026054T: Rehabilitation of Roads From Vila Maumeta to Beloi (Sta.2+800- 4+900)	CAFI: Aprova no autoriza despezas
9	Road and Drainage Rehabilitation Project Road Section Aileu City (Link II - XII)	\$4,687,065.95	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal;• Kodigu Atividade 0260920: Reabilitasaun Estrada urbana Aileu)	CAFI: Aprova no autoriza despezas
10	Road and Drainage Rehabilitation Project Road Section Aileu City (Link XIII - XXIV)	\$1,514,600.25	<ul style="list-style-type: none">• Alokasaun FI 2025: \$500,000.00• Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal,	CAFI: Aprova no autoriza despezas

DELIBERAUN N.º113/VIII/CAFI/2025

Pájina 10 hosi 16



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No.	Naran Projeto	Verifikasi saun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade	Orgaun Kompetenti Autoriza despezas – DL no. 23/2022, 19 de maio
			<ul style="list-style-type: none"> Kodigu Atividade 0260920: Reabilitasaun Estrada urbana Aileu) 	
11	Road and Drainage Rehabilitation Project Road Section Aileu City (Link I Sta. 0+000 - 3+500)	\$2,591,253.84	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 0260920: Reabilitasaun Estrada urbana Aileu) 	CAFI: Aprova no autoriza despezas
12	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot I (Sta 0+000 To 5+000)	\$4,624,370.53	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605A1: Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km) 	CAFI: Aprova no autoriza despezas
13	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) : Lot II (Sta 5+000 To 10+000)	\$3,814,440.01	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605A1 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km) 	CAFI: Aprova no autoriza despezas



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No.	Naran Projeto	Verifikasiun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade	Orgaun Kompetenti Autoriza despezas – DL no. 23/2022, 19 de maio
14	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot III (Sta 10+000 To 15+000)	\$3,837,028.55	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605A1: Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km) 	CAFI: Aprova no autoriza despezas
15	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot IV (Sta 15+000 To 20+170)	\$4,373,746.71	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 02605A1: Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km) 	CAFI: Aprova no autoriza despezas
16	Rehabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta. 00+000 - Sta 07+500) Package I	\$4,375,805.40	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km) 	CAFI: Aprova no autoriza despezas
17	Rehabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 07+500	\$3,840,664.80	<ul style="list-style-type: none"> Alokasaun FI 2025: \$500,000.00 Programa 026: Estradas e Pontes, Sub Programa 	CAFI: Aprova no autoriza despezas

DELIBERASAUN N.º113/VIII/CAFI/2025

Página 12 hosi 16



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No.	Naran Projeto	Verifikasiadun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade	Orgaun Kompetenti Autoriza despezas – DL no. 23/2022, 19 de maio
	- Sta. 15+000) Package II		Estrada Nasional & Municipal; • Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)	
18	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 15+000 - Sta. 22+500) Package III	\$3,757,483.31	• Alokasaun FI 2025: \$500,000.00 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)	CAFI: Aprova no autoriza despezas
19	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 22+500 - Sta. 30+000) Package IV	\$3,669,237.29	• Alokasaun FI 2025: \$500,000.00 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 026057C: Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)	CAFI: Aprova no autoriza despezas
20	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 30+000 - Sta. 38+657.39) Package V	\$4,705,409.39	• Alokasaun FI 2025: \$500,000.00 • Programa 026: Estradas e Pontes, Sub Programa Estrada Nasional & Municipal; • Kodigu Atividade 026057C: Rehabilitasaun	CAFI: Aprova no autoriza despezas

DELIBERASAUN N.º113/VIII/CAFI/2025

Página 13 hosi 16



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

No.	Naran Projeto	Verifikasiun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade	Orgaun Kompetenti Autoriza despezas – DL no. 23/2022, 19 de maio
			Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)	

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IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



Conselho de
Administração

Aprovado husi CAFI iha loron 25 de Agosto de 2025.

O Conselho de Administração do Fundo das Infraestruturas
O presidente,



Gastão Francisco de Sousa

Ministro do Planeamento e Investimento Estratégico

Santina José Rodrigues Ferreira Viegas Cardoso

Ministra das Finanças

(La Partisipa iha Reuniaun)



Miguel Marques Gonçalves Manetelu

Ministro dos Transportes e Comunicações



Samuel Marçal

Ministro das Obras Públicas

DELIBERAUN N.º113/VIII/CAFI/2025



IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO PLANEAMENTO E INVESTIMENTO ESTRATÉGICO
FUNDO DAS INFRAESTRUTURAS



**Conselho de
Administração**

Annexo:



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
Ministério do Planeamento e Investimento Estratégico
Fundo das Infraestruturas

NOTA DE DESPACHO

1. ORIGEM DO DOCUMENTO

N Ref; 1589 / GAB. MOP / VIII/2025

Data do Documento : 14/08 /2025

Proveniência do Documento

GAB.MOP

2. DETALHES DO DOCUMENTO

Data Entrada do Documento: 15/8 /2025

Enviado ao:

1. Sr/ Mauricio Borges

2. Sr/a _____

3. Sr/a _____

4. Assessores Nacionais / Internacionais

Assunto:

Pedido Agendamento CAFI

3. INSTRUÇÃO DO DIRETOR DO SGR

Data do Despacho: 15/8 /2025

Para Sr/a

1. Sr/a Marcos X

2. Sr/a Jono X

3. Sr/a Maria f

Despacho:

*Mrc Antu id ue -
KSP*

Assinatura :


Mauricio Borges



MINISTÉRIO DO PLANEAMENTO
E INVESTIMENTO ESTRATÉGICO
IX GOVERNO CONSTITUCIONAL
GABINETE DO MINISTRO



Dili, 21 de Agosto de 2025

Nu. Ref : 1339/CG-GMPIE/VIII/2025

Hato' o ba : Diretor Executivo SGP
Sr. Mauricio Borges

Asunto : Encaminha Despacho Ministro MPIE

Ho Respeito

Komforme assunto iha leten Gabinete do Ministro encaminha despacho Ministro kona ba karta ho No. Ref: I589/GAB.MOP/VIII/2025, data II de Agosto de 2025 husi Excelênciia Ministro das Obras Públicas ho assunto **Pedido Agendamento CAFI** no despacho Ministro iha anexo.

Despacho Ministro : Para SGP
Agendar

Data despaçho : 08.21.2025

Mak ne'e deit ba atensaun, lahaluha hato'o obrigado wain.

Hau nia melhores Kumprimentos


Tomás de Fatima da Silva 
Chefe do Gabinete do MPIE



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS
Avenida 20 de Maio Dili, Timor-Leste



GABINETE DO MINISTRO DAS OBRAS PÚBLICAS

Dili, 14. de Agosto de 2025

Ref No : 1589 /GAB.MOP/VIII/2025

Hatoó ba : Sua Exceléncia Sr. Gastão Francisco de Sousa
Ministro do Planeamento e Investimento Estratégico e Presidente CAFI

Cc : Sr. Mauricio Borges
Director Secretariado dos Grandes Projectos (SGP)

Asumtu : Pedido Agendamento CAPI

Exceléncia,

Refere ba asuntu iha leten, Ministerio das Obras Públicas hato'o ba Sua Exceléncia hodi bele agenda iha reuniaun Conselho de Administração do Fundo das Infraestruturas (CAFI) tui'r mai ba projetu hanesan lista aneksu.

Nudar informasaun, projetu hirak ne'e hetan ona verifikasi saun husi Agência Desenvolvimento Nacional, IP (ADN, IP). (*Kopia resultadu verifikasi saun ADN, IP aneksu*)

Maka ne'e deit, Exceléncia nia atensaun no serviso hamutuk la haluha hato'o obrigado wain.



Samuel Marçal
Ministro das Obras Públicas



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor -Leste



LISTA PROJETU FUNDO DE INFRAESTRUTURA MINISTERIO DAS OBRAS PÚBLICAS
NE'EBE HETAN ONA VERIFIKASAUN HUSI ADN, I.P.

NO.	MUNICIPIO	NARAN PROJETO	MONTANTE ORSAMENTO	OBSERVASAUN
1	Dili	Rekoperaun Moru Proteksaun Mota Comoro Section 03 no 04, Fomento, Mota Comoro, Fomento, Municipality of Dili, Timor Leste	\$ 3,106,677.07	Projetu emergencia
2	Dili	Manutensaun Drainage & Pipe Diresaun Bebonuk Segment 1 to Segment 24 (Total Length = 4.81 km), Municipio Dili, Timor Leste	\$ 3,203,695.25	Projetu foyu ne'ebe iana iha planu projetu FI Ministerio das Obras Publicas iinan 2025 (02603B4 - Rehabilitasaun estrada Urbana Dili B, 26.9 Km)
2			\$ 6,310,372.32	



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

NAME OF PROJECT : MANUTENSAUN DRAINAGE & PIPE DIRESAUN BEBONUK SEGMENT 1 TO SEGMENT 24 (TOTAL LENGTH = 4.81 KM)
LOCATION OF PROJECT : MUNICIPIO DILI, TIMOR LESTE

SUMMARY BILL OF QUANTITIES

SECTION NO.	DESCRIPTION	ADN VERIFIED	
		OWNER PROPOSED AMOUNT (\$)	ADN VERIFIED AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ 184,515.67	\$ 89,068.83
200	EARTHWORKS	\$ 171,084.99	\$ 96,433.59
300	SUB BASE AND BASE COURSE	\$ 444,708.69	\$ 245,194.76
400	SURFACE COURSE	\$ 722,961.04	\$ 529,910.58
500	BRIDGE CONSTRUCTION	\$ 399,168.53	\$ 357,766.17
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 1,889,353.61	\$ 1,432,071.93
700	MISCELLANEOUS STRUCTURES	\$ 71,182.20	\$ 47,642.77
Total	(a)	\$ 3,682,914.73	\$ 2,798,080.63
Profit 10% of (a)	(b)	\$ 388,291.47	\$ 279,808.06
Overhead (c)	(c)		\$ 62,989.00
Tax 2% (a+b+c)	(d)	\$ 85,424.72	\$ 62,817.55
Grand Total	(e)	\$ 4,356,630.33	\$ 3,203,695.25

Verified by:

(Eng. Augusta da Costa Ferreira)

Civil Engineer ADN, I.P.

Checked by:

(Eng. Rogério M. Pires)

Chefe Departamento ITIAS ADN, I.P.

Certified by:

(Arch. José Fernando Lira Soares)

Coordenador UAP ADN, I.P.

Verified By:

(Eng. Olívio M. da Silva Correia)

Electrical Engineer ADN, I.P.



AGÉNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

NAME OF PROJECT : MANUTENSAO DRAINAGE & PIPE DIKE&UN BEDOMUK SEGMENT 1 T SEGMENT 24 (TOTAL LENGTH =

: 4.61 KM)

LOCATION OF PROJECT : MUNICÍPIO DALE TIMOR LESTE

BILL OF QUANTITIES

PAY ITEM	ITEM DESCRIPTION	OWNER PROPOSED			ADN VERIFIED				
		UNIT	QUANTITY	UNIT RATE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT RATE (USD)	AMOUNT (USD)
1.00	GENERAL REQUIREMENTS								
1.02.1	Mobilization	Ls	1.00	\$ 7,740.00	\$ 7,740.00	Ls	1.00	\$ 5,775.68	\$ 5,775.68
1.02.2	Demobilization	Ls	1.00	\$ 2,322.00	\$ 2,322.00	Ls	1.00	\$ 2,250.00	\$ 2,250.00
1.06	Laboratory Testing Services	Ls	1.00	\$ 9,721.50	\$ 9,721.50				
1.08	Traffic Management & Safety	Ls	1.00	\$ 7,775.00	\$ 7,775.00				
1.09	Field Engineering	Ls	1.00	\$ 9,184.00	\$ 9,184.00				
1.15.3	Relocation of Existing Electric Utility Pole-Medium Voltage	Each	73,000	\$ 1,948.23	\$ 142,220.80	Each	73,00	\$ 1,076.59	\$ 78,591.07
115.4a	Relocation of Existing Water Supply Utility Polypropylene 50mm Dia.	L.m	60,000	\$ 7.68	\$ 460,605	L.m	60,000	\$ 3.79	\$ 221,71
115.4b	Relocation of Existing Water Supply Utility Polypropylene 20mm Dia.	L.m	166,000	\$ 5.63	\$ 945,52	L.m	166,000	\$ 1.01	\$ 169,37
<i>Sub Total 100</i>				\$ 184,515.67				\$ 89,060.83	
200	EARTHWORKS								
201.1	Clearing and Grubbing	Hectare	2,053	\$ 1,817.17	\$ 3,729.83	Hectare	2,05	\$ 2,432.53	\$ 4,922.89
201.5	Individual Removal of Trees (Large)	Each	8,00	\$ 325.17	\$ 2,601.36	Each	8,00	\$ 621.90	\$ 5,454.8
202.3	Removal of Pavement, side walls, curbs, etc.	Sq.m	2,345.248	\$ 2.68	\$ 6,285.24	Sq.m	2,345.24	\$ 2.68	\$ 6,285.24
203.2a	Surplus Common Excavation & Disposal	Cum	14,324.150	\$ 5.92	\$ 84,792.27	Cum	14,324.15	\$ 3.78	\$ 54,215.19
204.6	Pipe cut,vert and drain excavation	Cum	2,631.250	\$ 3.47	\$ 9,025.74	Cum	2,621.25	\$ 4.63	\$ 12,131.72
205.2	Selected Embankment	Cum	366,586	\$ 28.18	\$ 10,386.58	Cum	366,586	\$ 13.08	\$ 4,819.43
206.3	Subgrade Preparation [Unsuitable Material]	Sqm	20,555.486	\$ 2.64	\$ 54,187.27	Sqm	20,525.46	\$ 0.65	\$ 13,443.64
<i>Sub Total 200</i>				\$ 171,064.39				\$ 96,433.59	
300	SURFACE AND BASE COURSE								
301	Aggregate Subbase Course	Cum	4,735.780	\$ 47.61	\$ 202,141.59	Cum	4,245.78	\$ 14,773	\$ 62,543.30
305.1	Aggregate Base Class A	Cum	3,159,660	\$ 76.77	\$ 24,265.10	Cum	3,159.66	\$ 57.81	\$ 182,951.46
<i>Sub Total 300</i>				\$ 446,708.69				\$ 245,194.76	
400	SURFACE COURSE								
402(1)	Bituminous Prime Coat, Emulsified	Sqm	20,944.510	\$ 2.77	\$ 56,016.29	Sqm	20,944.51	\$ 1.38	\$ 28,944.49
411(6a)	Asphalt Concrete Binder Course (AC-BC), 50mm thick	Cum	1,047.310	\$ 634.85	\$ 664,884.75	Cum	1,047.31	\$ 478.34	\$ 500,970.09
<i>Sub Total 400</i>				\$ 722,901.04				\$ 529,910.58	
500	BRETE CONSTRUCTION	Kg	76,067.125	\$ 1.85	\$ 140,761.18	Kg	76,067.13	\$ 1.59	\$ 120,326.36
505	Reinforcing Steel	Cum	392,398	\$ 107.96	\$ 42,342.21	Cum	392,39	\$ 101.63	\$ 39,376.60
506.1c	Structural Concrete 10 Mpa [Least Concrete]	Cum	956,460	\$ 225.88	\$ 216,045.14	Cum	956,46	\$ 206.03	\$ 197,063.21
506.1f	Structural Concrete 22 Mpa								



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

① e ②

Dili, 30 de Julho de 2025

Ref : 1424 /ADN, I.P./VII/2025

Para : **Sr. Eng. Aleixo Amaral do Carmo**
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOP

Cc : **Sua Exceléncia Sr. Samuel Marçal**
Ministro das Obras Públicas

Assunto : Resultado da Verificação - Projeto Cristo Rei Dolock Oan Junction - Dili

Com os nossos Respeitos,

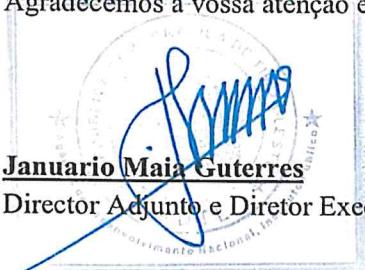
Com base no pedido de verificação com a referência n.º 996&997/UIVP-MOP/VII/2025, datado de 21 de Julho de 2025, relacionado ao assunto mencionado acima, informamos que a Equipa de Verificação da Unidade de Avaliação de Projetos da ADN, I.P. procedeu à análise dos documentos submetidos para apreciação. Desta forma, vimos por este meio encaminhar, em anexo, o resultado da verificação efetuada. Como segue:

1. Cristo Rei Dolock Oan Junction Sta. 1+520-3+080
2. Cristo Rei Dolock Oan Junction Sta. +080-4+683.71

Agradecemos a vossa atenção e subscrevemo-nos com a mais elevada consideração.

Januario Maia Guterres

Director Adjunto e Director Executivo Interino - ADN, I.P.



Bedik-Hum, Fatuhad;
Díli – Timor-Leste
info@mpie.gov.tl
+670 3310 289



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

① ✓

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 21 - 07 - 25

Data do Documentos : 16 - 07 - 25

Husi : MOP - UIVP

No. Ref : 996 /UIVP-MOP /VII /2025

Projecto :

Cristo Rei Dolock aan junction (STA. 1 + 520 to STA. 3 + 080), Cristo-Rei, Dili Municipality.

Quantidade Documentos : 1

Anexo :

* BOQ + Desenho = 1

NB : USB anexo lha doc no ref 1022

Assuntos :

Pedido Verifikasiun

No.Tlf : —

Companhia : —

Despacho :

- Unidade de Gestão Administrativa
- Unidade de Avaliação de Projectos
- Unidade de Controlo e Validação de Qualidade
- Unidade de Estudos e Desenvolvimento de Competências

Verifica documento feito
em Anexo

- Adjunto
- Assessor/a
- Gabinete DE / Base de Dadus
- Other

Data : 21/7/25

Januario Maia Guterres
Diretor Adjunto e Diretor Executivo
Interino ADN I.P.



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor-Leste



Unidade do Inspeção e Verificação Para Pagamento – MOP

Dili, 16 de Julho de 2025

Hato' o ba :	Sr.Eng Januario Maia Guterres Diretor Adjunto e Diretor Executivo Interno ADN I. P
No.ref :	.ggg /UIVP-MOP/VII/2025
Assuntu :	Pedido Verifikasiasaun
Fontes de Orsamento :	Emergency
Tinan Alokasaun Orsamento :	2025
Naran Projetu :	Cristo Rei Dolock Oan Junction (Sta. 1+520 to Sta. 3+080) Cristo Rei, Dili Municipality, Timor-Leste

Ho respeitu,

Refere ba asuntu iha leten, Unidade do Inspeção e Verificação Para Pagamento - MOP enkaminha dokumentus ba **Cristo Rei Dolock Oan Junction (Sta. 1+520 to Sta. 3+080) Cristo Rei, Dili Municipality, Timor-Leste** hodi bele hetan verifikasiasaun husi ADN, I. P.

Nudar informasaun, orsamentu ba projeto ida ne'e sei foti husi Fundus emergencia Ministerio das Obras Publicas ba tinan 2025.

Mak Ne'e deit, ba ita bo'ot nia kolaborasaun no servisu hamutuk, hato'o obrigado wain.


Eng. Aleixo Amaral do Carmo
Koordenador Geral Unidade do Inspeção e Verificação Para Pagamento – MOP



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN
NARAN PROJECTO : *cristo Rei Dolok dan Junchior Sta. Itzro -
sta. 3 togo cristo Rei, Municipio Dili.*

No	DOKUMENTOS NIA NARAN	
1.	Karta Akompanhamento Husi Projecto Nain	✓
2.	Fundo Husi : (LM...FI...PDIM)	
	A. Kapital de Desenvolvimento	
	B. Bens de Servico	
	C. Transferencia Public	
	D. Other : <i>Emergência</i>	✓
3.	Alokasaun Orsamento ba Sa Tinan	✓
4.	Programa Orsamento	
5.	TOR ou Justifikasau kona ba projetu ne'be atu implementa.	
6.	Titik Koordinat husi Projecto neébe atu implementa	
7.	Desenhu tenke iha HVS Medida A3 no hetan Aprovasaun husi Projetu Nain no Ministerio (MOP)	✓
8.	Cost Estimasaun ho BOQ Tenke Hetan Aprovasaun Husi Projectu Nain ou Ministerio (MOP)	✓
9.	Unit Price Analisis	✓
10.	Backup Quantidade	✓
11.	Spesifikasi Teknik	
12.	Soft Copy (BOQ iha Excel) no (Desenho iha Auto Cad) USB <i>Anexo 1hc Doc. No. ref 1022</i>	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	✓

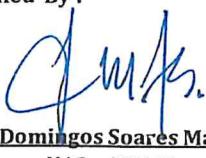
PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION (STA. 1+520 TO STA. 3+080)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

SUMMARY

NO.	ITEM DESCRIPTION	OWNER ESTIMATE	VERIFIED BY ADN,I.P.
		AMOUNT (US\$)	AMOUNT (US\$)
100	GENERAL REQUIREMENTS	\$ 10,415.68	\$ 10,415.68
200	EARTHWORKS	\$ 1,054,243.23	\$ 1,136,693.15
300	SUB BASE AND BASE COURSE	\$ 227,235.41	\$ 227,243.68
400	SURFACE COURSES	\$ 624,873.60	\$ 624,967.59
500	BRIDGE CONSTRUCTION	\$ 151,896.71	\$ 163,861.89
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE	\$ 1,219,048.69	\$ 1,132,740.43
700	MISCELLANEOUS STRUCTURES	\$ 225,663.87	\$ 225,660.26
900	MATERIALS DETAILS	\$ 29,824.99	\$ 29,824.99
A	CONSTRUCTION COST	\$ 3,543,202.18	\$ 3,551,407.68
B	CONTRACTOR FEE [(Ax10%)]	\$ 354,320.22	\$ 355,140.77
C	OVERHEAD	\$ 28,020.00	\$ 26,498.00
D	TAX [2% x (A+B+C)]	\$ 78,510.85	\$ 78,660.93
E	TOTAL AMOUNT (A+B+C+D)	\$ 4,004,053.25	\$ 4,011,707.38

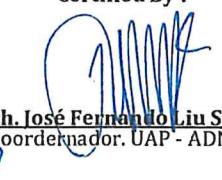
Verified By :


Eng. Domingos Soares Martins
 Engineer. UAP - ADN.IP

Checked By


Eng. Rogerio M. Pires
 Chefe Departementu ITIAS UAP - ADN.IP

Certified By :


Arch. José Fernando Liu Soares
 Coordenador. UAP - ADN.IP
 29/2/25



PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION (STA. 1+520 TO STA. 3+080)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

BILL OF QUANTITY

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN,I.P.			
		UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
100	GENERAL REQUIREMENTS								
102	Mobilization	Ls	1.00	\$ 4,970.68	\$ 4,970.68	Ls	1.00	\$ 4,970.68	\$ 4,970.68
102(2)	Demobilization	Ls	1.00	\$ 3,945.00	\$ 3,945.00	Ls	1.00	\$ 3,945.00	\$ 3,945.00
114	Environmental Safeguard	Ls	1.00	\$ 1,500.00	\$ 1,500.00	Ls	1.00	\$ 1,500.00	\$ 1,500.00
					Sub Total 100		\$ 10,415.68		
200	EARTHWORKS								
201	Clearing and Grabbing	Ha	2.51	\$ 1,571.23	\$ 3,943.62	Ha	2.51	\$ 1,571.23	\$ 3,943.62
203(2)	Common Excavation	cu.m.	2497.85	\$ 2.68	\$ 6,694.24	cu.m.	2497.85	\$ 2.68	\$ 6,696.31
203(3a)	Rock Excavation	cu.m.	70779.25	\$ 9.95	\$ 703,969.81	cu.m.	70779.25	\$ 11.22	\$ 794,265.59
203(3b)	Soft Rock Excavation	cu.m.	3912.25	\$ 4.65	\$ 18,178.54	cu.m.	3912.25	\$ 8.19	\$ 32,052.37
204(1)	Structure Excavation	cu.m.	24325.59	\$ 4.42	\$ 107,442.94	cu.m.	24325.59	\$ 3.52	\$ 85,727.47
205(3)	Granular Selected Embankment	cu.m.	15741.75	\$ 13.08	\$ 205,902.09	cu.m.	15741.75	\$ 13.08	\$ 205,833.73
206(1)	Subgrade preparation (common material)	sq.m	12480.00	\$ 0.65	\$ 8,120.00	sq.m	12480.00	\$ 0.65	\$ 8,174.07
					Sub Total 200		\$ 1,054,243.23		
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Coarse, 300mm thick	cu.m.	4251.78	\$ 14.43	\$ 61,353.19	cu.m.	4251.78	\$ 14.43	\$ 61,349.79
303	Aggregate Base Class A, 200mm thick	cu.m.	2592.72	\$ 63.98	\$ 165,882.23	cu.m.	2592.72	\$ 63.98	\$ 165,893.89
					Sub Total 300		\$ 227,235.41		
400	SURFACE COURSES								
402	Bituminous Prime Coat	sq.m	12480.00	\$ 1.38	\$ 17,222.40	sq.m	12480.00	\$ 1.38	\$ 17,244.48
403	Tack Coat	sq.m	12480.00	\$ 0.81	\$ 10,108.80	sq.m	12480.00	\$ 0.81	\$ 10,140.85
411(5a)	Asphaltic Concrete Wearing Course (AC-WC), 40mm thick	sq.m	12480.00	\$ 19.98	\$ 249,350.40	sq.m	12480.00	\$ 19.98	\$ 249,383.28
411(6a)	Asphaltic Concrete Binder Course (AC-BC), 60mm thick	sq.m	12480.00	\$ 27.90	\$ 348,192.00	sq.m	12480.00	\$ 27.90	\$ 348,198.98
					Sub Total 400		\$ 624,873.60		
500	BRIDGE CONSTRUCTION								
505	Reinforcement Steel Bar	kg	42736.72	\$ 1.31	\$ 55,899.63	kg	42736.72	\$ 1.59	\$ 67,865.91
506(1)	Structural Concrete Class A (30 MPa)	cu.m.	344.66	\$ 254.31	\$ 87,650.48	cu.m.	344.66	\$ 254.31	\$ 87,649.50
506(6)	Lean Concrete	cu.m.	76.42	\$ 109.22	\$ 8,346.59	cu.m.	76.42	\$ 109.22	\$ 8,346.49
					Sub Total 500		\$ 151,896.71		
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE								
601(1)	Pipe Culverts PVC 150 mm, Class AW	ln.m	772.55	\$ 11.92	\$ 9,208.80	ln.m	772.55	\$ 11.92	\$ 9,205.90
601(2)	Pipe Culverts PVC 50 mm, Class AW	ln.m	2124.35	\$ 2.34	\$ 4,970.98	ln.m	2124.35	\$ 2.34	\$ 4,960.36
602(2)	Storm Drain, Concrete Side Ditch 0,60x0.70 m, (Class 21 MPa)	ln.m	1532.90	\$ 130.83	\$ 200,549.31	ln.m	1532.90	\$ 130.84	\$ 200,557.07
606	Stone Masonry 1 : 4	cu.m.	12657.97	\$ 78.61	\$ 995,031.12	cu.m.	12657.97	\$ 71.79	\$ 908,710.68
610	Gabions	cu.m.	156.00	\$ 59.54	\$ 9,288.49	cu.m.	156.00	\$ 59.66	\$ 9,306.42
					Sub Total 600		\$ 1,219,048.69		
700	MISCELLANEOUS STRUCTURES								
701	Concrete Curbs	ln.m	3120.00	\$ 17.78	\$ 55,473.60	ln.m	3120.00	\$ 17.78	\$ 55,462.43
702 (a)	Sidewalk, concrete 21 Mpa, t=8 cm	sq.m	3755.53	\$ 13.57	\$ 50,962.57	sq.m	3755.53	\$ 13.57	\$ 50,974.37
702 (b)	Sidewalk, paved concrete tactile paving t=4 cm	sq.m	936.06	\$ 14.36	\$ 13,441.82	sq.m	936.06	\$ 14.36	\$ 13,437.93
706 (1)	Warning Sign	each	30.00	\$ 145.00	\$ 4,350.00	each	30.00	\$ 145.00	\$ 4,350.00
706 (4)a	Road Lighting Pole, H = 7 m, Single angle (octagonal)	each	52.00	\$ 1,744.49	\$ 90,713.48	each	52.00	\$ 1,744.49	\$ 90,713.22
707 (1)	Reflective Thermoplastic Pavement Marking	sq.m	501.75	\$ 21.37	\$ 10,722.40	sq.m	501.75	\$ 21.37	\$ 10,722.31
					Sub Total 700		\$ 225,663.87		
900	MATERIALS DETAILS								
910	Painting for Sidewalk and Stone Masonry Wall	sq.m	8983.43	\$ 3.32	\$ 29,824.99	sq.m	8983.43	\$ 3.32	\$ 29,824.99
					Sub Total 900		\$ 29,824.99		



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLLOCK DAN JUNCTION ROAD (STA. 1+520 TO STA. 3+050)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

OVERHEAD

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN,I.P.			
		UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
I	PROJECT TEAM								
	STAFF TEKNIKU								
1	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00	LS	1	\$ 6,000.00	\$ 6,000.00
2	Quality Control	Ls	1.00	\$ 3,000.00	\$ 3,000.00	LS	1	\$ 3,000.00	\$ 3,000.00
3	Surveyor	Ls	1.00	\$ 3,000.00	\$ 3,000.00	LS	1	\$ 3,000.00	\$ 3,000.00
	STAFF APOIO SERVISU								
1	Logistics	Ls	1.00	\$ 1,500.00	\$ 1,500.00	LS	1	\$ 1,500.00	\$ 1,500.00
2	Administration	Ls	1.00	\$ 1,200.00	\$ 1,200.00	LS	1	\$ 1,200.00	\$ 1,200.00
3	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00	LS	1	\$ 1,800.00	\$ 1,800.00
II	KUSTU OPERASIONAL								
	OPERATIONAL OFFICE								
1	Stationary	Ls	1.00	\$ 240.00	\$ 240.00	LS	1	\$ 240.00	\$ 240.00
2	Communication	Ls	1.00	\$ 360.00	\$ 360.00	LS	1	\$ 360.00	\$ 360.00
3	Meetings	Ls	1.00	\$ 240.00	\$ 240.00	LS	1	\$ 240.00	\$ 240.00
4	Electricity	Ls	1.00	\$ 720.00	\$ 720.00	LS	1	\$ 720.00	\$ 720.00
5	Water	Ls	1.00	\$ 720.00	\$ 720.00	LS	1	\$ 720.00	\$ 720.00
	RELATORIOS								
1	Daily, weekly, monthly reports	Ls	1.00	\$ 240.00	\$ 240.00	LS	1	\$ 240.00	\$ 240.00
2	Shop drawings, as built drawings	Ls	1.00	\$ 200.00	\$ 200.00	LS	1	\$ 200.00	\$ 200.00
III	KUSTU SERVISU APOIO NIAN								
1	Material Sampling & Testing	Ls	1.00	\$ 8,320.00	\$ 8,320.00	LS	1	\$ 6,798.00	\$ 6,798.00
2	Personal protective equipment (PPE)	Ls	1.00	\$ 480.00	\$ 480.00	LS	1	\$ 480.00	\$ 480.00
				TOTAL	\$ 28,020.00				\$ 26,498.00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION (STA. 1+520 TO STA. 3+080)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

SUMMARY

NO.	ITEM DESCRIPTION	AMOUNT (US\$)
100	GENERAL REQUIREMENTS	\$ -
200	EARTHWORKS	\$ -
300	SUB BASE AND BASE COURSE	\$ -
400	SURFACE COURSES	\$ -
500	BRIDGE CONSTRUCTION	\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE	\$ -
700	MISCELLANEOUS STRUCTURES	\$ -
900	MATERIALS DETAILS	\$ -
A	CONSTRUCTION COST	\$ -
B	CONTRACTOR FEE [(Ax10%)]	\$ -
C	OVERHEAD	\$ -
D	TAX [2% x (A+B+C)]	\$ -
E	TOTAL AMOUNT (A+B+C+D)	\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION (STA. 1+520 TO STA. 3+080)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

BILL OF QUANTITY

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
100	GENERAL REQUIREMENTS				
102	Mobilization	Ls	1.00	\$ -	\$ -
102(2)	Demobilization	Ls	1.00	\$ -	\$ -
114	Environmental Safeguard	Ls	1.00	\$ -	\$ -
	Sub Total 100				\$ -
200	EARTHWORKS				
201	Clearing and Grabbing	Ha	2.51	\$ -	\$ -
203(2)	Common Excavation	cu.m.	2497.85	\$ -	\$ -
203(3a)	Rock Excavation	cu.m.	70779.25	\$ -	\$ -
203(3b)	Soft Rock Excavation	cu.m.	3912.25	\$ -	\$ -
204(1)	Structure Excavation	cu.m.	24325.59	\$ -	\$ -
205(3)	Granular Selected Embankment	cu.m.	15741.75	\$ -	\$ -
206(1)	Subgrade preparation (common material)	sq.m	12480.00	\$ -	\$ -
	Sub Total 200				\$ -
300	SUB BASE AND BASE COURSE				
301	Aggregate Subbase Coarse, 300mm thick	cu.m.	4251.78	\$ -	\$ -
303	Aggregate Base Class A, 200mm thick	cu.m.	2592.72	\$ -	\$ -
	Sub Total 300				\$ -
400	SURFACE COURSES				
402	Bituminous Prime Coat	sq.m	12480.00	\$ -	\$ -
403	Tack Coat	sq.m	12480.00	\$ -	\$ -
411(5a)	Asphaltic Concrete Wearing Coarse (AC-WC), 40mm thick	sq.m	12480.00	\$ -	\$ -
411(6a)	Asphaltic Concrete Binder Coarse (AC-BC), 60mm thick	sq.m	12480.00	\$ -	\$ -
	Sub Total 400				\$ -
500	BRIDGE CONSTRUCTION				
505	Reinforcement Steel Bar	kg	42736.72	\$ -	\$ -
506(1)	Structural Concrete Class A (30 MPa)	cu.m.	344.66	\$ -	\$ -
506(6)	Lean Concrete	cu.m.	76.42	\$ -	\$ -
	Sub Total 500				\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE				
601(1)	Pipe Culverts PVC 150 mm, Class AW	ln.m	772.55	\$ -	\$ -
601(2)	Pipe Culverts PVC 50 mm, Class AW	ln.m	2124.35	\$ -	\$ -
602(2)	Storm Drain, Concrete Side Ditch 0.60x0.70 m, (Class 21 MPa)	ln.m	1532.90	\$ -	\$ -
606	Stone Masonry 1 : 4	cu.m.	12657.97	\$ -	\$ -
610	Gabions	cu.m.	156.00	\$ -	\$ -
	Sub Total 600				\$ -

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
700	MISCELLANEOUS STRUCTURES				
701	Concrete Curbs	ln.m	3120.00	\$ -	\$ -
702 (a)	Sidewalk, concrete 21 Mpa, t=8 cm	sq.m	3755.53	\$ -	\$ -
702 (b)	Sidewalk, paved concrete tactile paving t=4 cm	sq.m	936.06	\$ -	\$ -
706 (1)	Warning Sign	each	30.00	\$ -	\$ -
706 (4)a	Road Lighting Pole, H = 7 m, Single angle (octagonal)	each	52.00	\$ -	\$ -
707 (1)	Reflective Thermoplastic Pavement Marking	sq.m	501.75	\$ -	\$ -
	Sub Total 700				\$ -
900	MATERIALS DETAILS				
910	Painting for Sidewalk and Stone Masonry Wall	sq.m	8983.43	\$ -	\$ -
	Sub Total 900				\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLOCK DAN JUNCTION ROAD (STA. 1+520 TO STA. 3+080)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

OVERHEAD

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
I	PROJECT TEAM				
	STAFF TEKNIKU				
1	Site Engineer	LS	1	\$ -	\$ -
2	Quality Control	LS	1	\$ -	\$ -
3	Surveyor	LS	1	\$ -	\$ -
	STAFF APOIO SERVISU				
1	Logistics	LS	1	\$ -	\$ -
2	Administration	LS	1	\$ -	\$ -
3	Security	LS	1	\$ -	\$ -
II	KUSTU OPERASIONAL				
	OPERATIONAL OFFICE				
1	Stationary	LS	1	\$ -	\$ -
2	Communication	LS	1	\$ -	\$ -
3	Meetings	LS	1	\$ -	\$ -
4	Electricity	LS	1	\$ -	\$ -
5	Water	LS	1	\$ -	\$ -
	RELATORIOS				
1	Daily, weekly, monthly reports	LS	1	\$ -	\$ -
2	Shop drawings, as built drawings	LS	1	\$ -	\$ -
III	KUSTU SERVISU APOIO NIAN				
1	Material Sampling & Testing	LS	1	\$ -	\$ -
2	Personal protective equipment (PPE)	LS	1	\$ -	\$ -
	TOTAL				\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION (STA. 3+080 TO STA. 4+683.71)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

SUMMARY

NO.	ITEM DESCRIPTION	OWNER ESTIMATE		VERIFIED BY ADN,I.P.	
		AMOUNT (US\$)	AMOUNT (US\$)	AMOUNT (US\$)	AMOUNT (US\$)
100	GENERAL REQUIREMENTS	\$ 10,415.68	\$ 10,415.68	\$ 10,415.68	\$ 10,415.68
200	EARTHWORKS	\$ 657,377.27	\$ 612,073.12	\$ 612,073.12	\$ 612,073.12
300	SUB BASE AND BASE COURSE	\$ 234,877.66	\$ 234,886.21	\$ 234,886.21	\$ 234,886.21
400	SURFACE COURSES	\$ 646,187.90	\$ 646,285.09	\$ 646,285.09	\$ 646,285.09
500	BRIDGE CONSTRUCTION	\$ 210,906.06	\$ 227,697.85	\$ 227,697.85	\$ 227,697.85
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE	\$ 1,647,853.81	\$ 1,522,109.50	\$ 1,522,109.50	\$ 1,522,109.50
700	MISCELLANEOUS STRUCTURES	\$ 230,145.92	\$ 230,142.16	\$ 230,142.16	\$ 230,142.16
800	BIO-ENGINEERING WORKS	\$ 17,626.80	\$ 18,970.84	\$ 18,970.84	\$ 18,970.84
900	MATERIALS DETAILS	\$ 30,261.85	\$ 30,261.85	\$ 30,261.85	\$ 30,261.85
A	CONSTRUCTION COST	\$ 3,685,652.95	\$ 3,532,842.31	\$ 3,532,842.31	\$ 3,532,842.31
B	CONTRACTOR FEE [(A×10%)]	\$ 368,565.30	\$ 353,284.23	\$ 353,284.23	\$ 353,284.23
C	OVERHEAD	\$ 28,020.00	\$ 28,703.00	\$ 28,703.00	\$ 28,703.00
D	TAX [2% × (A+B+C)]	\$ 81,644.76	\$ 78,296.59	\$ 78,296.59	\$ 78,296.59
E	TOTAL AMOUNT (A+B+C+D)	\$ 4,163,883.01	\$ 3,993,126.13	\$ 3,993,126.13	\$ 3,993,126.13

Verified By :

Eng. Domingos Soares Martins
Engineer. UAP - ADN.IP

Checked By :

Eng. Rogerio M. Pires
Chefe Departementu ITIAS UAP - ADN.IP

Certified By :

Arch. José Fernando Liu Soares
Coordenador. UAP - ADN.IP
29/7/25



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION (STA. 3+080 TO STA. 4+683.71)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

BILL OF QUANTITY

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN,I.P			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)
100	GENERAL REQUIREMENTS								
102	Mobilization	Ls	1.00	\$ 4,970.68	\$ 4,970.68	Ls	1.00	\$ 4,970.68	\$ 4,970.68
102(2)	Demobilization	Ls	1.00	\$ 3,945.00	\$ 3,945.00	Ls	1.00	\$ 3,945.00	\$ 3,945.00
114	Environmental Safeguard	Ls	1.00	\$ 1,500.00	\$ 1,500.00	Ls	1.00	\$ 1,500.00	\$ 1,500.00
					Sub Total 100		\$ 10,415.68		
200	EARTHWORKS								
201	Clearing and Grabbing	Ha	2.08	\$ 1,571.23	\$ 3,263.36	Ha	2.08	\$ 1,571.23	\$ 3,263.35
203(2)	Common Excavation	cu.m.	5,552.75	\$ 2.68	\$ 14,881.37	cu.m.	5552.75	\$ 2.68	\$ 14,885.97
203(3b)	Soft Rock Excavation	cu.m.	10,266.55	\$ 9.95	\$ 102,111.02	cu.m.	10266.55	\$ 8.19	\$ 84,112.02
204(1)	Structure Excavation	cu.m.	24,265.59	\$ 4.65	\$ 112,751.71	cu.m.	24265.59	\$ 3.52	\$ 85,516.02
205(3)	Granular Selected Embankment	cu.m.	31,804.08	\$ 13.08	\$ 415,997.37	cu.m.	31804.08	\$ 13.08	\$ 415,859.25
206(1)	Subgrade preparation (common material)	sq.m	12,880.69	\$ 0.65	\$ 8,372.45	sq.m	12880.69	\$ 0.65	\$ 8,436.51
					Sub Total 200		\$ 657,377.27		
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course, 300mm thick	cu.m.	4,392.72	\$ 14.43	\$ 63,386.95	cu.m.	4392.72	\$ 14.43	\$ 63,383.45
303	Aggregate Base Class A, 200mm thick	cu.m.	2,680.38	\$ 63.98	\$ 171,490.71	cu.m.	2680.38	\$ 63.98	\$ 171,502.77
					Sub Total 300		\$ 234,877.66		
400	SURFACE COURSES								
402	Bituminous Prime Coat	sq.m	12,905.69	\$ 1.38	\$ 17,809.85	sq.m	12905.69	\$ 1.38	\$ 17,832.69
403	Tack Coat	sq.m	12,905.69	\$ 0.81	\$ 10,453.61	sq.m	12905.69	\$ 0.81	\$ 10,486.75
411(5a)	Asphaltic Concrete Wearing Coarse (AC-WC), 40mm thick	sq.m	12,905.69	\$ 19.98	\$ 257,855.69	sq.m	12905.69	\$ 19.98	\$ 257,889.68
411(6a)	Asphaltic Concrete Binder Coarse (AC-BC), 60mm thick	sq.m	12,905.69	\$ 27.90	\$ 360,068.75	sq.m	12905.69	\$ 27.90	\$ 360,075.97
					Sub Total 400		\$ 646,187.90		
500	BRIDGE CONSTRUCTION								
505	Reinforcement Steel Bar	kg	59,976.05	\$ 1.31	\$ 78,448.67	kg	59976.05	\$ 1.59	\$ 95,241.97
506(1)	Structural Concrete Class A (30 MPa)	cu.m.	487.57	\$ 254.31	\$ 123,993.93	cu.m.	487.57	\$ 254.31	\$ 123,992.53
506(6)	Lean Concrete	cu.m.	77.49	\$ 109.22	\$ 8,463.46	cu.m.	77.49	\$ 109.22	\$ 8,463.35
					Sub Total 500		\$ 210,906.06		
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE								
601(1)	Pipe Culverts PVC 150 mm, Class AW	In.m	777.90	\$ 11.92	\$ 9,272.57	In.m	777.90	\$ 11.92	\$ 9,269.65
601(2)	Pipe Culverts PVC 50 mm, Class AW	In.m	2,508.05	\$ 2.34	\$ 5,868.84	In.m	2508.05	\$ 2.34	\$ 5,856.30
602(2)	Storm Drain, Concrete Side Ditch 0.60x0.70 m, (Class 21 MPa)	In.m	1,300.85	\$ 130.83	\$ 170,190.21	In.m	1300.85	\$ 130.84	\$ 170,196.80
606	Stone Masonry 1 : 4	cu.m.	18,441.40	\$ 78.61	\$ 1,449,661.22	cu.m.	18441.40	\$ 71.79	\$ 1,323,900.94
610	Gabions	cu.m.	216.00	\$ 59.54	\$ 12,860.98	cu.m.	216.00	\$ 59.66	\$ 12,885.81
					Sub Total 600		\$ 1,647,853.81		
700	MISCELLANEOUS STRUCTURES								
701	Concrete Curbs	In.m	3,215.81	\$ 17.78	\$ 57,177.10	In.m	3215.81	\$ 17.78	\$ 57,165.59
702 (a)	Sidewalk, concrete 21 Mpa, t=8 cm	sq.m	3,855.40	\$ 13.57	\$ 52,317.72	sq.m	3855.40	\$ 13.57	\$ 52,329.84
702 (b)	Sidewalk, paved concrete tactile paving t=4 cm	sq.m	964.04	\$ 14.36	\$ 13,843.63	sq.m	964.04	\$ 14.36	\$ 13,839.62
706 (1)	Warning Sign	each	23.00	\$ 145.00	\$ 3,335.00	each	23.00	\$ 145.00	\$ 3,335.00
706 (4)a	Road Lighting Pole, H = 7 m., Single angle (octagonal)	each	53.00	\$ 1,744.49	\$ 92,457.97	each	53.00	\$ 1,744.49	\$ 92,457.71
707 (1)	Reflective Thermoplastic Pavement Marking	sq.m	515.42	\$ 21.37	\$ 11,014.49	sq.m	515.42	\$ 21.37	\$ 11,014.40
					Sub Total 700		\$ 230,145.92		
									\$ 230,142.16

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN.I.P			
		UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
800	BIO-ENGINEERING WORKS								
804	Geotextile	sq m	8,813.40	\$ 2.00	\$ 17,626.80	sq m	8813.40	\$ 2.15	\$ 18,970.84
					Sub Total 800				\$ 18,970.84
900	MATERIALS DETAILS								
910	Painting for Sidewalk and Stone Masonry Wall	sq m	9,115.02	\$ 3.32	\$ 30,261.85	sq m	9115.02	\$ 3.32	\$ 30,261.85
					Sub Total 900				\$ 30,261.85



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLLOCK DAN JUNCTION ROAD (STA. 3+080 TO STA. 4+683.71)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

OVERHEAD

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN,I.P.			
		UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
I	PROJECT TEAM								
	STAFF TEKNIKU								
1	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00	LS	1	\$ 6,000.00	\$ 6,000.00
2	Quality Control	Ls	1.00	\$ 3,000.00	\$ 3,000.00	LS	1	\$ 3,000.00	\$ 3,000.00
3	Surveyor	Ls	1.00	\$ 3,000.00	\$ 3,000.00	LS	1	\$ 3,000.00	\$ 3,000.00
	STAFF APOIO SERVISU								
1	Logistics	Ls	1.00	\$ 1,500.00	\$ 1,500.00	LS	1	\$ 1,500.00	\$ 1,500.00
2	Administration	Ls	1.00	\$ 1,200.00	\$ 1,200.00	LS	1	\$ 1,200.00	\$ 1,200.00
3	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00	LS	1	\$ 1,800.00	\$ 1,800.00
II	KUSTU OPERASIONAL								
	OPERATIONAL OFFICE								
1	Stationary	Ls	1.00	\$ 240.00	\$ 240.00	LS	1	\$ 240.00	\$ 240.00
2	Communication	Ls	1.00	\$ 360.00	\$ 360.00	LS	1	\$ 360.00	\$ 360.00
3	Meetings	Ls	1.00	\$ 240.00	\$ 240.00	LS	1	\$ 240.00	\$ 240.00
4	Electricity	Ls	1.00	\$ 720.00	\$ 720.00	LS	1	\$ 720.00	\$ 720.00
5	Water	Ls	1.00	\$ 720.00	\$ 720.00	LS	1	\$ 720.00	\$ 720.00
	RELATORIOS								
1	Daily, weekly, monthly reports	Ls	1.00	\$ 240.00	\$ 240.00	LS	1	\$ 240.00	\$ 240.00
2	Shop drawings, as built drawings	Ls	1.00	\$ 200.00	\$ 200.00	LS	1	\$ 200.00	\$ 200.00
III	KUSTU SERVISU APOIO NIAN								
1	Material Sampling & Testing	Ls	1.00	\$ 8,320.00	\$ 8,320.00	LS	1	\$ 9,003.00	\$ 9,003.00
2	Personal protective equipment (PPE)	Ls	1.00	\$ 480.00	\$ 480.00	LS	1	\$ 480.00	\$ 480.00
				TOTAL	\$ 28,020.00				\$ 28,703.00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION (STA. 3+080 TO STA. 4+683.71)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

SUMMARY

NO.	ITEM DESCRIPTION	AMOUNT (US\$)
100	GENERAL REQUIREMENTS	\$ -
200	EARTHWORKS	\$ -
300	SUB BASE AND BASE COURSE	\$ -
400	SURFACE COURSES	\$ -
500	BRIDGE CONSTRUCTION	\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE	\$ -
700	MISCELLANEOUS STRUCTURES	\$ -
800	BIO-ENGINEERING WORKS	\$ -
900	MATERIALS DETAILS	\$ -
A	CONSTRUCTION COST	\$ -
B	CONTRACTOR FEE [(Ax10%)]	\$ -
C	OVERHEAD	\$ -
D	TAX [2% x (A+B+C)]	\$ -
E	TOTAL AMOUNT (A+B+C+D)	\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION (STA. 3+080 TO STA. 4+683.71)

LOCATION : CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

BILL OF QUANTITY

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
100	GENERAL REQUIREMENTS				
102	Mobilization	Ls	1.00	\$ -	\$ -
102(2)	Demobilization	Ls	1.00	\$ -	\$ -
114	Environmental Safeguard	Ls	1.00	\$ -	\$ -
	Sub Total 100				\$ -
200	EARTHWORKS				
201	Clearing and Grabbing	Ha	2.08	\$ -	\$ -
203(2)	Common Excavation	cu.m.	5552.75	\$ -	\$ -
203(3b)	Soft Rock Excavation	cu.m.	10266.55	\$ -	\$ -
204(1)	Structure Excavation	cu.m.	24265.59	\$ -	\$ -
205(3)	Granular Selected Embankment	cu.m.	31804.08	\$ -	\$ -
206(1)	Subgrade preparation (common material)	sq.m	12880.69	\$ -	\$ -
	Sub Total 200				\$ -
300	SUB BASE AND BASE COURSE				
301	Aggregate Subbase Coarse, 300mm thick	cu.m.	4392.72	\$ -	\$ -
303	Aggregate Base Class A, 200mm thick	cu.m.	2680.38	\$ -	\$ -
	Sub Total 300				\$ -
400	SURFACE COURSES				
402	Bituminous Prime Coat	sq.m	12905.69	\$ -	\$ -
403	Tack Coat	sq.m	12905.69	\$ -	\$ -
411(5a)	Asphaltic Concrete Wearing Coarse (AC-WC), 40mm thick	sq.m	12905.69	\$ -	\$ -
411(6a)	Asphaltic Concrete Binder Coarse (AC-BC), 60mm thick	sq.m	12905.69	\$ -	\$ -
	Sub Total 400				\$ -
500	BRIDGE CONSTRUCTION				
505	Reinforcement Steel Bar	kg	59976.05	\$ -	\$ -
506(1)	Structural Concrete Class A (30 MPa)	cu.m.	487.57	\$ -	\$ -
506(6)	Lean Concrete	cu.m.	77.49	\$ -	\$ -
	Sub Total 500				\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE				
601(1)	Pipe Culverts PVC 150 mm, Class AW	ln.m	777.90	\$ -	\$ -
601(2)	Pipe Culverts PVC 50 mm, Class AW	ln.m	2508.05	\$ -	\$ -
602(2)	Storm Drain, Concrete Side Ditch 0.60x0.70 m, (Class 21 MPa)	ln.m	1300.85	\$ -	\$ -
606	Stone Masonry 1 : 4	cu.m.	18441.40	\$ -	\$ -
610	Gabions	cu.m.	216.00	\$ -	\$ -
	Sub Total 600				\$ -
700	MISCELLANEOUS STRUCTURES				
701	Concrete Curbs	ln.m	3215.81	\$ -	\$ -
702 (a)	Sidewalk, concrete 21 Mpa, t=8 cm	sq.m	3855.40	\$ -	\$ -
702 (b)	Sidewalk, paved concrete tactile paving t=4 cm	sq.m	964.04	\$ -	\$ -
706 (1)	Warning Sign	each	23.00	\$ -	\$ -

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
706 (4)a	Road Lighting Pole, H = 7 m. Single angle (octagonal)	each	53.00	\$ -	\$ -
707 (1)	Reflective Thermoplastic Pavement Marking	sq.m	515.42	\$ -	\$ -
	Sub Total 700				\$ -
800	BIO-ENGINEERING WORKS				
804	Geotextile	sq.m	8813.40	\$ -	\$ -
	Sub Total 800				\$ -
900	MATERIALS DETAILS				
910	Painting for Sidewalk and Stone Masonry Wall	sq.m	9115.02	\$ -	\$ -
	Sub Total 900				\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : CRISTO REI DOLOCK OAN JUNCTION ROAD (STA. 3+080 TO STA. 4+683.71)

LOCATION : CRISTO REI, DILU MUNICIPALITY, TIMOR LESTE

OVERHEAD

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
I	PROJECT TEAM				
	STAFF TEKNIKU				
1	Site Engineer	LS	1	\$ -	\$ -
2	Quality Control	LS	1	\$ -	\$ -
3	Surveyor	LS	1	\$ -	\$ -
	STAFF APOIO SERVISU				
1	Logistics	LS	1	\$ -	\$ -
2	Administration	LS	1	\$ -	\$ -
3	Security	LS	1	\$ -	\$ -
II	KUSTU OPERASIONAL				
	OPERATIONAL OFFICE				
1	Stationary	LS	1	\$ -	\$ -
2	Communication	LS	1	\$ -	\$ -
3	Meetings	LS	1	\$ -	\$ -
4	Electricity	LS	1	\$ -	\$ -
5	Water	LS	1	\$ -	\$ -
	RELATORIOS				
1	Daily, weekly, monthly reports	LS	1	\$ -	\$ -
2	Shop drawings, as built drawings	LS	1	\$ -	\$ -
III	KUSTU SERVISU APOIO NIAN				
1	Material Sampling & Testing	LS	1	\$ -	\$ -
2	Personal protective equipment (PPE)	LS	1	\$ -	\$ -
	TOTAL				\$ -

(3)



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 06 de Agosto de 2025Ref : 1501/ADN, I.P./VIII/2025Para : **Sr. Eng. Aleixo Amaral do Carmo**
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOPCc : **Sua Exeléncia Sr. Samuel Marçal**
Ministro das Obras PúblicasAssunto : **Resultado da Verificação – Projeto Rehabilitation and Construction of Road and Channels Rua de Comunal Distance 678 Meters, Municipality Dili**

Com os nossos Respeitos,

Com base no pedido de verificação com a referência n.º 799/UIVP-MOP/VI/2025, datado de 26 de Junho de 2025, relacionado ao assunto mencionado acima, informamos que a Equipa de Verificação da Unidade de Avaliação de Projetos da ADN, I.P. procedeu à análise dos documentos submetidos para apreciação. Desta forma, vimos por este meio encaminhar, em anexo, o resultado da verificação efetuada.

Agradecemos a vossa atenção e subscrevemo-nos com a mais elevada consideração.

Januario Maia Guterres
Director Adjunto e Diretor Executivo Interino - ADN, I.P.



04

Bedik-Hun, Fatuhad:
Dili - Timor-Leste
info@mpie.gov.tl
+670 3310 289



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 07-07-2025

Data do Documentos : 26-07-2025

Husi : MOP - UENP

No. Ref : 799 UENP - MOP /U/I/2025

Projecto :

Roadalitization and Construction of Road
and Channels Rua da Comunidade,
Municipality of Dili.

Quantidade Documentos : ... 2 ...

Anexo :

* BOA + Dazinho = 1
* USB = 1

Assuntos :

Pedido Verifikasiashun

No.Tlf : -

Companhia :

Despacho :

- Unidade de Gestão Administrativa
- Unidade de Avaliação de Projectos
- Unidade de Controlo e Validação de Qualidade
- Unidade de Estudos e Desenvolvimento de Competências

Verifica documento
Anexo

- Adjunto
- Assessor/a
- Gabinete DE / Base de Dadus
- Other

Data :

7/7/25

Januario Maia Guterres
Diretor Adjunto e Diretor Executivo
Interino ADN I.P.



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN

NARAN PROJECTO : Rehabilitation and construction of Road
and channels Rue Comunel, Municipality
Bili

No	DOKUMENTOS NIA NARAN	
1.	Karta Akompanhamento Husi Projecto Nain	✓
2.	Fundo Husi : (LM...FI...PDIM)	
	A. Kapital de Desenvolvimento	
	B. Bens de Servico	
	C. Transferencia Public	
	D. Other : <i>Emergencia</i>	✓
3.	Alokasaun Orsamento ba Sa Tinan	✓
4.	Programa Orsamento	
5.	TOR ou Justifikasau kona ba projetu ne'be atu implementa.	
6.	Titik Koordinat husi Projecto neébe atu implementa	
7.	Desenhu tenke iha HVS Medida A3 no hetan Aprovasaun husi Projetu Nain no Ministerio (MOP)	✓
8.	Cost Estimasaun ho BOQ Tenke Hetan Aprovasaun Husi Projectu Nain ou Ministerio (MOP)	✓
9.	Unit Price Analisis	✓
10.	Backup Quantidade	✓
11.	Spesifikasi saun Teknik	
12.	Soft Copy (BOQ iha Excel) no (Desenho iha Auto Cad) USB	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	X



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor-Leste



Unidade do Inspeção e Verificação Para Pagamento – MOP

Dili, 26 de Junho de 2025

Hato'o ba :	<u>Sr.Eng Januario Maia Guterres</u> Diretor Adjunto e Diretor Executivo Interino ADN I. P
No.ref :	739/UIVP-MOP/VI/2025
Assuntu :	Pedido Verifikasiasaun/
Fontes de Orsamento :	Emergency
Tinan Alokasaun Orsamento :	2025
Naran Projetu :	Rehabilitation and Construction of Road and Channels Rua de Comunal,Municipality of Dili

Ho respeitu,

Refere ba asuntu iha leten, Unidade do Inspeção e Verificação Para Pagamento - MOP re-enkaminha fila fali dokumentus ba **Rehabilitation and Construction of Road and Channels Rua de Comunal,Municipality of Dili** Antes ne'e ADN,IP devolve liu husi karta ho numeru referencia 0372/ADN,I.P/III/2025 data 17 de Marsu de 2025.

Ekipa teknik halo ona diskusaun ho Enjinéiro Unidade avaliaasaun de projeto ADN no kompleta ona dokumentus tekniku projetu refere baseia ba komentariu husi ADN, IP, ne'e duni UIVP enkaminha fila fali dokumentus tekniku ba projeto refere hodi bele hetan verifikasiasaun husi ADN, I. P.

Nudar informasaun, orsamentu ba projetu ida ne'e sei foti husi Fundo das Infraestrutura Ministerio das Obras Publicas ba tinan 2025.

Mak Ne'e deit, ba ita bo'ot nia kolaborasaun no servisu hamutuk, hato'o obrigado wain.

Eng. Aleixo Amaral do Carmo
Koordenador Geral Unidade do Inspeção e Verificação Para Pagamento – MOP



SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : REHABILITATION AND CONSTRUCTION OF ROAD AND CHANNELS (LENGTH = 678 M)

LOCATION OF PROJECT : RUA DE KOMUNAL, MUNICIPALITY OF DILU, TIMOR - LESTE

SECTION NO.	DESCRIPTION	OWNER PROPOSED		ADN VERIFIED	
		AMOUNT (\$)	AMOUNT (\$)	AMOUNT (\$)	AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ 7,225,68	\$ 7,225,68	\$ 7,525,68	\$ 7,525,68
200	EARTHWORKS	\$ 101,228,44	\$ 101,228,44	\$ 96,576,23	\$ 96,576,23
300	SUB BASE AND BASE COURSE	\$ 80,434,83	\$ 80,434,83	\$ 61,225,66	\$ 61,225,66
400	SURFACE COURSE	\$ 293,397,40	\$ 293,397,40	\$ 271,620,53	\$ 271,620,53
500	BRIDGE CONSTRUCTION	\$ 1,386,838,78	\$ 1,386,838,78	\$ 1,351,085,68	\$ 1,351,085,68
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 185,030,92	\$ 185,030,92	\$ 153,038,17	\$ 153,038,17
700	MISCELLANEOUS STRUCTURES	\$ 157,378,53	\$ 157,378,53	\$ 165,891,92	\$ 165,891,92
PS	PROVISIONAL SUM FOR RELOCATION OF PUBLIC UTILITIES (Electrical pole & water utilities)	\$ 100,000,00	\$ 100,000,00		
A	CONSTRUCTION COST	\$ 2,311,534,58	\$ 2,311,534,58	\$ 2,106,963,87	\$ 2,106,963,87
B	CONTRACTOR FEE (10%)*A	\$ 231,153,46	\$ 231,153,46	\$ 210,696,39	\$ 210,696,39
C	OVER HEAD	\$ 27,400,00	\$ 27,400,00	\$ 27,706,00	\$ 27,706,00
D	PROVISIONAL SUM FOR RELOCATION OF PUBLIC UTILITIES (Electrical pole & water utilities)	\$ 100,000,00	\$ 100,000,00		
E	TAX 2%*(A+B+C+D)	\$ 51,401,76	\$ 51,401,76	\$ 48,907,33	\$ 48,907,33
F	TOTAL AMOUNT (A+B+C+D)	\$ 2,621,489,80	\$ 2,621,489,80	\$ 2,494,273,58	\$ 2,494,273,58

Verified by:

Checked by:

Certified by:
5/8/25


(Eng. Geovanirio M.X.C. Aleixo)

Engenheiro ADN, I.P.


(Eng. Rogério M. Pires)

Chefe Departamento ITIAS ADN,I.P.


(Arch. José Fernando Liu Soares)

Coordenador UAP ADN, I.P.

BILL OF QUANTITIES

NAME OF PROJECT : REHABILITATION AND CONSTRUCTION OF ROAD AND CHANNELS (LENGTH = 678 M)

LOCATION OF PROJECT : RUA DE KOMUNAL, MUNICIPALITY OF DIL, TIMOR - LESTE

PAY ITEM	ITEM DESCRIPTION	OWNER PROPOSED			ADN VERIFIED		
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT	UNIT RATE US \$	AMOUNT
100	GENERAL REQUIREMENTS						
102.1	Contractor's Mobilization	LS	1,00	\$ 4,525,68	\$ 4,525,68	1,00	\$ 5,225,68
102.3	Contractor's Demobilization	LS	1,00	\$ 2,700,00	\$ 2,700,00	1,00	\$ 2,300,00
				Sub Total 100	\$ 7,225,68		\$ 7,525,68
200	EARTHWORKS						
202.3 b	Removal of Existing Asphalt Pavement	Sq.m	2,712,00	\$ 2,46	\$ 6,673,69	2,712,00	\$ 2,65
202.5c	Removal of Existing Stone Masonry Retaining Wall	Cu.m	620,00	\$ 16,06	\$ 9,958,62	620,00	\$ 7,26
203.4	Unsuitable Excavation	Cu.m	11,481,43	\$ 4,19	\$ 48,087,99	11,481,43	\$ 4,57
205.2	Sand bedding	Cu.m	620,18	\$ 31,56	\$ 19,570,52	620,18	\$ 21,76
205.1a	Embankment from Rodway Excavation (Common Material)	Cu.m	6,539,97	\$ 2,14	\$ 14,013,15	6,539,97	\$ 2,34
205.1	Subgrade Preparation (Common Material)	Sq.m	5,424,00	\$ 0,54	\$ 2,924,47	5,424,00	\$ 0,65
				Sub Total 200	\$ 101,228,44		\$ 96,576,23
300	SUB BASE AND BASE COURSE						
301	Aggregate Subbase Course	Cu.m	1,084,80	\$ 24,53	\$ 26,612,06	1,084,80	\$ 14,84
303.1	Crushed Aggregate Base Course	Cu.m	813,60	\$ 66,15	\$ 53,822,77	813,60	\$ 55,46
				Sub Total 300	\$ 80,434,83		\$ 61,225,66
400	SURFACE COURSE						
402.1	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	5,424,00	\$ 1,31	\$ 7,117,64	5,424,00	\$ 1,38
403.2	Bituminous Tack Coat (RC, Cutback Asphalt)	Sq.m	5,424,00	\$ 0,77	\$ 4,176,88	5,424,00	\$ 0,81
411	Asphalt Concrete Binder Course (ACBC), 60mm thick	Sq.m	5,424,00	\$ 29,92	\$ 162,300,31	5,424,00	\$ 27,90
413	Asphalt Concrete Wearing Course (ACWC), 40mm thick	Sq.m	5,424,00	\$ 22,09	\$ 119,802,57	5,424,00	\$ 19,98
				Sub Total 400	\$ 293,397,40		\$ 271,620,53
500	BRIDGE CONSTRUCTION						
505.1	Reinforcing Steel Bars, Grade 40	Kg	313,221,52	\$ 1,59	\$ 497,395,77	313,221,52	\$ 1,59
505.2	Structural Concrete Class "A" (30 MPa)	Cu.m	3,199,20	\$ 268,07	\$ 857,607,93	3,199,20	\$ 257,87
506.6	Lean Concrete 10 Mpa	Cu.m	286,88	\$ 110,97	\$ 31,835,08	286,88	\$ 100,06
				Sub Total 500	\$ 1,386,838,78		\$ 1,351,085,68

BILL OF QUANTITIES

NAME OF PROJECT : REHABILITATION AND CONSTRUCTION OF ROAD AND CHANNELS (LENGTH = 678 M)

LOCATION OF PROJECT : RUA DE KOMUNAL, MUNICIPALITY OF DILI, TIMOR - LESTE

PAY ITEM	ITEM DESCRIPTION	OWNER PROPOSED			ADN VERIFIED		
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	QUANTITY	UNIT RATE US \$
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES						
601.2	RPCC 800mm diameter	Ln.m	30,00	\$ 245,59	\$ 7,367.59	30,00	\$ 273,75
604.4	PVC 2" Dia.	Ln.m	18,40	\$ 2,49	\$ 45,86	18,40	\$ 2,34
607	Metal Gratings, 30/50	Each	68,00	\$ 104,13	\$ 7,080.84	68,00	\$ 76,33
607.a	Metal Gratings, 30/80	Each	68,00	\$ 124,13	\$ 8,440.84	68,00	\$ 124,13
607.b	Metal Frames and Covers 50/50	Each	68,00	\$ 174,13	\$ 11,840.84	68,00	\$ 141,40
607.b	Metal Frames and Covers 100/100	Each	68,00	\$ 359,13	\$ 24,420.84	68,00	\$ 359,13
604.8	Concrete Precast Lined Drain 25 Mpa	Ln.m	591,00	\$ 128,64	\$ 76,026.24	591,00	\$ 119,24
604.10	Cyclops Concrete 21 Mpa	Cu.m	62,10	\$ 162,17	\$ 10,070.93	62,10	\$ 159,22
605	Riprap	Cu.m	520,56	\$ 76,33	\$ 39,736.94	520,56	\$ 32,19
	<i>Sub Total 600</i>				\$ 185,030.92		\$ 123,038.17
700	MISCELLANEOUS STRUCTURES						
701.3	Combination Curb & Gutter	Ln.m	1,356,00	\$ 21,10	\$ 28,611,60	1,356,00	\$ 35,47
703.4	Painting of Curb	Ln.m	1,356,00	\$ 3,42	\$ 4,637,52	1,356,00	\$ 4,32
705.2	Regulatory Signs	Each	4,00	\$ 118,04	\$ 472,16	4,00	\$ 105,00
SPL 702	Paving Block (250mm x 200mm)	Sq.m	4,169,50	\$ 23,94	\$ 99,817,83	4,169,50	\$ 22,25
SPL 703	Guiding block (30 x 30 cm)	Sq.m	405,80	\$ 25,00	\$ 10,170,00	405,80	\$ 21,80
710.1a	Reflectorized Thermoplastic Pavement Markings (White, with T = 3mm)	Sq.m	455,00	\$ 30,04	\$ 13,659,42	455,00	\$ 21,37
	<i>Sub Total 700</i>				\$ 157,378,53		\$ 165,891,92
PS	PROVISIONAL SUM						
PS1	Relocation of Public Utilities (Electrical pole)	Lot	1,00	\$ 35,000,00	\$ 35,000,00	1,00	\$ -
PS2	Relocation of Public Utilities (water utilities)	Lot	1,00	\$ 65,000,00	\$ 65,000,00	1,00	\$ -
	<i>Sub Total</i>				\$ 100,000,00		\$ -
	<i>TOTAL</i>				\$ 2,311,534,58		\$ 2,106,963,87



**AGÊNCIA DE DESENVOLVIMENTO NACIONAL,
INSTITUTO PÚBLICO (ADN, I.P.)**

OVERHEAD

NAME OF PROJECT : REHABILITATION AND CONSTRUCTION OF ROAD AND CHANNELS (LENGTH = 678 M)
LOCATION OF PROJECT : RUA DE KOMUNA, MUNICIPALITY OF DILI, TIMOR - LESTE

NO	DESKRISAUN	UNIT	QUANTITY	UNIT PRICE	TOTAL
1 PROJECT TEAM					
	Project Manager	Ls	1,00	\$ -	\$ -
	Site Manager	Ls	1,00	\$ -	\$ -
	Site Engineer	Ls	1,00	\$ 6,000,00	\$ 6,000,00
	Quality Control	Ls	1,00	\$ 3,000,00	\$ 3,000,00
	Health, Safety and Environment	Ls	1,00	\$ -	\$ -
	Surveyor	Ls	1,00	\$ 3,000,00	\$ 3,000,00
	Logistics	Ls	1,00	\$ 1,500,00	\$ 1,500,00
	Administration	Ls	1,00	\$ 1,200,00	\$ 1,200,00
	Cleaning Staff	Ls	1,00	\$ -	\$ -
	Security	Ls	1,00	\$ 1,800,00	\$ 1,800,00
2 KUSTU OPERASIONAL					
	Stationery	Ls	1,00	\$ 240,00	\$ 240,00
	Communication	Ls	1,00	\$ 360,00	\$ 360,00
	Meetings	Ls	1,00	\$ 240,00	\$ 240,00
	Electricity	Ls	1,00	\$ 720,00	\$ 720,00
	Water	Ls	1,00	\$ 720,00	\$ 720,00
	Daily, weekly, monthly reports	Ls	1,00	\$ 240,00	\$ 240,00
	Shop drawings, as built drawings	Ls	1,00	\$ 200,00	\$ 200,00
3 KUSTU SERVISU ADAO NIAN					
	Material Sampling & Testing	Ls	1,00	\$ 8,006,00	\$ 8,006,00
	Personal protective equipment (PPE)	Ls	1,00	\$ 480,00	\$ 480,00
					\$ 27,706,00
	TOTAL OVERHEAD				

SUMMARY OF THE CONSULTANT'S INVOICE NO. 07, FOR MARCH 01, 2025 - MARCH 31, 2025
 (Construction Supervision)

Construction Supervision for the Upgrading and Maintenance of Jl. Lubukico to Lubukico Road Section (15.59 Km), Contract Package 2 (CP-2), (Km11+900 to Km 30+307.50) RFP114/DR-06-2022

CONSULTANT'S 2023-2024 EMPLOYMENT RECORD

Project Name	Contract Value	Number of Employment						Estimated Payment (USD)						Number of Skill based employment				Number of Employees	
		Generated			Cumulative			This Month			Cumulative			Total					
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Skilled	Unskilled	Total	Tenorese	Expats	Total			
Trans-Laut Branch Road Project P15230315/F114/DRP- 2022	2,425,280,00	12	3	15	12	3	15	62,140,00	3,000,00	65,140,00	61,300,00	3,000,00	64,300,00	15	0	15	11	4	15

Submitted and Approved by:



Ben Kurni Kurni
Acting Team Leader
Project Manager

Anton de Costa Medeiros
PMTU, Project Manager



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
Ministério do Planeamento e Investimento Estratégico
Fundo das Infraestruturas

NOTA DE DESPAICHO

1. ORIGEM DO DOCUMENTO

N Ref; 1330 / CG-GMPIE / VIII / 2025

Data do Documento : 21 / 08 /2025

Proveniência do Documento

CG-GMPIE

2. DETALHES DO DOCUMENTO

Data Entrada do Documento: 21 / 8 /2025

Enviado ao:

1. Sr/ Mauricio Borges
2. Sr/a _____
3. Sr/a _____
4. Assessores Nacionais / Internacionais

Assunto:

Encaminha Despacho Ministro MPIE kona-ba karta ho Ref.1610 / GAB.MOP/ VIII/2025, data 18 de Agosto de 2025 husi Excelencia Ministro das Obras Publicas ho assunto Pedido Agendamento CAFI

3. INSTRUÇÃO DO DIRETOR DO SGP

Data do Despacho: 21 / 8 /2025

Para Sr/a

1. Sr/a _____ *Mauricio Borges*
2. Sr/a _____ *Maria F*
3. Sr/a _____

Despacho:

*Mauricio Borges -
Kampino Co PAA 2025*

Assinatura :


Mauricio Borges



MINISTÉRIO DO PLANEAMENTO
E INVESTIMENTO ESTRATÉGICO
IX GOVERNO CONSTITUCIONAL
GABINETE DO MINISTRO



Dili, 21 de Agosto de 2025

Nu. Ref : 1330/CG-GMPIE/VIII/2025

Hato' o ba : Diretor Executivo SGP
Sr. Mauricio Borges

Asunto : Encaminha Despacho Ministro MPIE

Ho Respeito

Komforme assunto iha leten Gabinete do Ministro encaminha despacho Ministro kona ba karta ho No. Ref: 1610/GAB.MOP/VIII/2025, data 18 de Agosto de 2025 husi Excelênciia Ministro das Obras Públicas ho assunto **Pedido Agendamento CAFI** no despacho Ministro iha anexo.

Despacho Ministro : Para SGP
Agendar

Data despacho : 08.09.2025

Mak ne'e deit ba atensaun, lahaluha hato'o obrigado wain.

Hau nia melhores Kumprimentos

Tomás de Fatima da Silva
Chefe do Gabinete do MPIE



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS
Avenida 20 de Maio Dili, Timor-Leste



GABINETE DO MINISTRO DAS OBRAS PÚBLICAS

Dili, 18 de Agosto de 2025

Ref No : 1610 /GAB.MOP/VIII/2025

Hatoó ba : Sua Excelênci Sr. Gastão Francisco de Sousa
Ministro do Planeamento e Investimento Estratégico e Presidente CAFI

Cc : Sr. Mauricio Borges
Director Secretariado dos Grandes Projectos (SGP)

Asunto : Pedido Agendamento CAFI

Excelênci,

Refere ba asuntu iha leten, Ministerio das Obras Públicas hato'o ba Sua Excelênci hodi bele agenda iha reuniaun Conselho de Administração do Fundo das Infraestruturas (CAFI) tuir mai ba projetu hanesan lista aneksu.

Nudar informasaun, projetu hirak ne'e hetan ona verifikasiadaun husi Agência Desenvolvimento Nacional, IP (ADN, IP). (*Kopia resultadu verifikasiadaun ADN, IP aneksu*)

Maka ne'e deit, Excelênci nia atensaun no serviso hamutuk la haluha hato'o obrigado wain.

Samuel Marcal
Ministro das Obras Públicas

GABINETE DO	
Ministro do Planeamento e Investimento Estratégico	
RECIDIDO	19/8/2025
DIA	19
POR	Inocência 2000



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor-Leste



LISTA PROJETU FUNDO DE INFRAESTRUTURA MINISTERIO DAS OBRAS PUBLICAS
NE'EBE HETAN ONA VERIFIKASAUN HUSI ADN, I.P.

NO.	MUNICIPIO	NARAN PROJETO	MONTANTE ORSAMENTO	OBSERVASAUN
1	Aileu	Road and Drainage Rehabilitation Project Road Section Aileu City (Link II - XII)	\$ 4,687,065.95	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260920: - Reabilitasaun Estrada urbana Aileu)
2	Aileu	Road and Drainage Rehabilitation Project Road Section Aileu City (Link XIII - XXIV)	\$ 1,514,600.25	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260920: - Reabilitasaun Estrada urbana Aileu)
3	Aileu	Road and Drainage Rehabilitation Project Road Section Aileu City (Link I Sta. 0+000 - 3+500)	\$ 2,591,253.84	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260920: - Reabilitasaun Estrada urbana Aileu)
4	Lautem	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot I (Sta 0+000 To 5+000)	\$ 4,624,370.53	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (02605A1 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km))
5	Lautem	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) : Lot II (Sta 5+000 To 10+000)	\$ 3,814,440.01	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (02605A1 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km))
6	Lautem	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot III (Sta 10+000 To 15+000)	\$ 3,837,028.55	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (02605A1 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km))
7	Lautem	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot IV (Sta 15+000 To 20+170)	\$ 4,373,746.71	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (02605A1 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km))
8	Manufahi	Rehabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta. 00+000 - Sta 07+500) Package I	\$ 4,375,805.40	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)
9	Manufahi	Rehabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 07+500 - Sta. 15+000) Package II	\$ 3,840,664.80	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)
10	Manufahi	Rehabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 15+000 - Sta. 22+500) Package III	\$ 3,757,483.31	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)
11	Manufahi	Rehabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 22+500 - Sta. 30+000) Package IV	\$ 3,669,237.29	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor-Leste



LISTA PROJETU FUNDO DE INFRAESTRUTURA MINISTERIO DAS OBRAS PUBLICAS
NE'EBE HETAN ONA VERIFIKASAUN HUSI ADN, I.P.

NO.	MUNICIPIO	NARAN PROJETO	MONTANTE ORSAMENTO	OBSERVASAUN
12	Manufahi	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 30+000 - Sta. 38+657.39) Package V	\$ 4,705,409.39	<i>Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Natarbora - Betano (A14), 7.5 Km)</i>
			\$ 45,791,106.03	



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY. (LINK II-XII)

LOCATION OF PROJECT : MUNICIPIO AILEU

SECTION NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN,I.P. AMOUNT (\$)
100	GENERAL REQUIREMENTS	19,979.35	11,359.35
200	EARTHWORKS	36,782.78	36,761.72
300	SUB BASE AND BASE COURSE	533,278.81	533,258.65
400	SURFACE COURSE	803,936.95	902,758.61
500	BRIDGE CONSTRUCTION	150,199.22	150,204.00
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	2,456,657.84	2,456,621.02
700	MISCELLANEOUS STRUCTURES	47,497.95	47,504.55
A	Estimated Direct Cost (EDC)	\$ 4,048,332.90	\$ 4,138,467.90
B	Profit 10% of (A)	\$ 404,833.29	\$ 413,846.79
C	OVERHEAD	\$ 64,400.00	\$ 42,848.00
D	Tax 2% (A+B+C)	\$ 89,063.32	\$ 91,903.25
E	Bid Price Carried Forward to From of Bid (A+B+C+D)	\$ 4,606,629.51	\$ 4,687,065.95

Verified By :

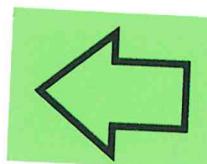
Eng. Domingos Soares Martins
Engineer, UAP - ADN.IP

Checked By :

Eng. Rogerio M. Pires
Chefe Departamento ITIAS UAP - ADN.IP

Certified By :

Arch. José Fernando Liu Soares
Coordenador, UAP - ADN.IP
14/8/25





AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P.

BILL OF QUANTITIES

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY. (LINK II-XII)

LOCATION OF PROJECT : MUNICIPIO AILEU

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN,I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 11,679.35	\$ 11,679.35	Ls	1.00	\$ 6,544.35	\$ 6,544.35
102.2	Demobilization	Ls	1.00	\$ 8,300.00	\$ 8,300.00	Ls	1.00	\$ 4,815.00	\$ 4,815.00
<i>Sub Total 100</i>					\$ 19,979.35				\$ 11,359.35
200	EARTHWORKS								
201.5	Individual Removal of Tree (giant)	Each	2.00	\$ 671.37	\$ 1,342.74	Each	2.00	\$ 671.37	\$ 1,342.74
203.1	Unsuitable Excavation	Cu.m	2,440.250	\$ 3.67	\$ 8,955.72	Cu.m	2440.25	\$ 3.67	\$ 8,953.88
205.1	Common Embankment	Cu.m	1,979.625	\$ 7.46	\$ 14,768.00	Cu.m	1979.63	\$ 7.46	\$ 14,761.36
205.3	Granular Selected Embankment	Cu.m	237.000	\$ 17.71	\$ 4,197.27	Cu.m	237.00	\$ 17.71	\$ 4,197.60
206.1	Subgrade Preparation (Common Material)	Sq.m	12,127.500	\$ 0.62	\$ 7,519.05	Sq.m	12127.50	\$ 0.62	\$ 7,506.14
<i>Sub Total 200</i>					\$ 36,782.78				\$ 36,761.72
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	Cu.m	8,691.390	\$ 19.06	\$ 165,657.89	Cu.m	8691.39	\$ 19.06	\$ 165,620.44
303.1	Aggregate Base Class A	Cu.m	5,169.750	\$ 71.11	\$ 367,620.92	Cu.m	5169.75	\$ 71.11	\$ 367,638.21
<i>Sub Total 300</i>					\$ 533,278.81				\$ 533,258.65
400	SURFACE COURSE								
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	35,845.000	\$ 1.41	\$ 50,541.45	Sq.m	35845.00	\$ 1.41	\$ 50,690.47
412	Asphalt Concrete Binder Course (AC-BC), 50mm thick	Sq.m	33,410.000	\$ 22.55	\$ 753,395.50	Sq.m	33410.00	\$ 25.50	\$ 852,068.14
<i>Sub Total 400</i>					\$ 803,936.95				\$ 902,758.61
500	BRIDGE CONSTRUCTION								
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	1,288.600	\$ 116.56	\$ 150,199.22	Cu.m	1288.60	\$ 116.56	\$ 150,204.00
<i>Sub Total 500</i>					\$ 150,199.22				\$ 150,204.00
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
601(1L)	Concrete Precast Line Drain 25 Mpa (100x90cm)	Ln.m	11,932.000	\$ 196.31	\$ 2,342,370.92	Ln.m	11932.00	\$ 196.31	\$ 2,342,334.01
601(1m)	RCBC 25 Mpa (1200X1200mm)	Ln.m	216.000	\$ 484.80	\$ 104,716.80	Ln.m	216.00	\$ 484.80	\$ 104,716.89
603	Inlet & Outlet Structure	Each	21.000	\$ 455.72	\$ 9,570.12	Each	21.00	\$ 455.72	\$ 9,570.12
<i>Sub Total 600</i>					\$ 2,456,657.84				\$ 2,456,621.02
700	MISCELLANEOUS STRUCTURES								
701.1	Concrete Curb (kerb Stone 60x35x16)	Ln.m	1,789.000	\$ 19.63	\$ 35,118.07	Ln.m	1789.00	\$ 19.63	\$ 35,124.67
707.3	Painting of Curb	Ln.m	3,578.000	\$ 3.46	\$ 12,379.88	Ln.m	3578.00	\$ 3.46	\$ 12,379.88
<i>Sub Total 700</i>					\$ 47,497.95				\$ 47,504.55
TOTAL					\$ 4,048,332.90				\$ 4,138,467.90



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY (LINK XIII-XXIV)

LOCATION OF PROJECT : ROAD SECTION SECTION AILEU CITY

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT RATE US	AMOUNT US	UNIT	QUANTITY	UNIT RATE US	AMOUNT US
C	OVERHEAD								
I	PROJECT TEAM								
1	Site Engineer	Ls	1.00	\$ 45,000.00	\$ 45,000.00	Ls	1	\$ 6,000.00	\$ 6,000.00
2	Quality Control					Ls	1	\$ 3,000.00	\$ 3,000.00
3	Surveyor					Ls	1	\$ 3,000.00	\$ 3,000.00
4	Logistics					Ls	1	\$ 1,500.00	\$ 1,500.00
5	Administration					Ls	1	\$ 1,200.00	\$ 1,200.00
6	Security	Ls	1.00	\$ 4,500.00	\$ 4,500.00	Ls	1	\$ 1,800.00	\$ 1,800.00
II	KUSTU OPERASIONAL								
1	Stationary					Ls	1	\$ 240.00	\$ 240.00
2	Communication					Ls	1	\$ 360.00	\$ 360.00
3	Meetings					Ls	1	\$ 240.00	\$ 240.00
4	Electricity					Ls	1	\$ 720.00	\$ 720.00
5	Water					Ls	1	\$ 720.00	\$ 720.00
6	Daily, weekly, monthly reports					Ls	1	\$ 240.00	\$ 240.00
7	Shop drawings, as built drawings	Ls	1.00	\$ 3,800.00	\$ 3,800.00	Ls	1	\$ 200.00	\$ 200.00
III	KUSTU SERVISU APOIO NIAN								
1	Material Sampling & Testing	Ls	1.00	\$ 8,500.00	\$ 8,500.00	Ls	1	\$ 3,589.00	\$ 3,589.00
2	Personal protective equipment (PPE)	Ls	1.00	\$ 2,600.00	\$ 2,600.00	Ls	1	\$ 480.00	\$ 480.00
	Total				\$ 64,400.00				\$ 23,289.00

(2)



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY (LINK XIII-XXIV)

LOCATION OF PROJECT : MUNICIPIO AILEU

SECTION NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN,I.P. AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ 19,979.35	11,359.35
200	EARTHWORKS	\$ 34,126.08	34,107.41
300	SUB BASE AND BASE COURSE	\$ 206,520.86	206,518.65
400	SURFACE COURSE	\$ 192,060.10	215,894.78
500	BRIDGE CONSTRUCTION	\$ 92,502.02	92,504.96
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 768,365.04	768,354.12
A	Estimated Direct Cost (EDC)	\$ 1,313,553.45	\$ 1,328,739.28
B	Profit 10% of (A)	\$ 131,355.35	\$ 132,873.93
C	OVERHEAD	\$ 64,400.00	\$ 23,289.00
D	Tax 2% (A+B+C)	\$ 28,898.18	\$ 29,698.04
E	Bid Price Carried Forward to From of Bid (A+B+C+D)	\$ 1,538,206.97	\$ 1,514,600.25

Verified By :

Eng. Domingos Soares Martins
Engineer. UAP - ADN.IP

Checked By

Eng. Rogerio M. Pires
Chefe Departamento ITIAS UAP - ADN.IP

Certified By :

Arch. José Fernando Liu Soares
Coordenador. UAP - ADN.IP



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AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITIES

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY (LINK XIII-XXIV)

LOCATION OF PROJECT : MUNICIPIO AILEU

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN,I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 11,679.35	\$ 11,679.35	Ls	1	\$ 6,544.35	\$ 6,544.35
102.2	Demobilization	Ls	1.00	\$ 8,300.00	\$ 8,300.00	Ls	1	\$ 4,815.00	\$ 4,815.00
<i>Sub Total 100</i>					\$ 19,979.35				\$ 11,359.35
200	EARTHWORKS								
201.5	Individual Removal of Tree (giant)	Each	2.00	\$ 671.37	\$ 1,342.74	Each	2	\$ 671.37	\$ 1,342.74
203.1	Unsuitable Excavation	Cu.m	2,552.585	\$ 3.67	\$ 9,367.99	Cu.m	2552.585	\$ 3.67	\$ 9,366.07
205.1	Common Embankment	Cu.m	1,195.295	\$ 7.46	\$ 8,916.90	Cu.m	1195.295	\$ 7.46	\$ 8,912.89
205.3	Granular Selected Embankment	Cu.m	382.560	\$ 17.71	\$ 6,775.14	Cu.m	382.56	\$ 17.71	\$ 6,775.66
206.1	Subgrade Preparation (Common Material)	Sq.m	12,456.950	\$ 0.62	\$ 7,723.31	Sq.m	12456.95	\$ 0.62	\$ 7,710.05
<i>Sub Total 200</i>					\$ 34,126.08				\$ 34,107.41
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	Cu.m	2,290.350	\$ 19.06	\$ 43,654.07	Cu.m	2290.35	\$ 19.06	\$ 43,644.20
303.1	Aggregate Base Class A	Cu.m	2,290.350	\$ 71.11	\$ 162,866.79	Cu.m	2290.35	\$ 71.11	\$ 162,874.45
<i>Sub Total 300</i>					\$ 206,520.86				\$ 206,518.65
400	SURFACE COURSE								
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	7,310.000	\$ 1.41	\$ 10,307.10	Sq.m	7310	\$ 1.41	\$ 10,337.49
412	Asphalt Concrete Binder Course (AC-BC), 50mm thick	Sq.m	8,060.000	\$ 22.55	\$ 181,753.00	Sq.m	8060	\$ 25.50	\$ 205,557.29
<i>Sub Total 400</i>					\$ 192,060.10				\$ 215,894.78
500	BRIDGE CONSTRUCTION								
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	793.600	\$ 116.56	\$ 92,502.02	Cu.m	793.6	\$ 116.56	\$ 92,504.96
<i>Sub Total 500</i>					\$ 92,502.02				\$ 92,504.96
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
601(1L)	Concrete Precast Line Drain 25 Mpa (100x90cm)	Ln.m	3,548.000	\$ 196.31	\$ 696,507.88	Ln.m	3548	\$ 196.31	\$ 696,496.90
601(1m)	RCBC 25 Mpa (1200X1200mm)	Ln.m	136.000	\$ 484.80	\$ 65,932.80	Ln.m	136	\$ 484.80	\$ 65,932.86
603	Inlet & Outlet Structure	Each	13.000	\$ 455.72	\$ 5,924.36	Each	13	\$ 455.72	\$ 5,924.36
<i>Sub Total 600</i>					\$ 768,365.04				\$ 768,354.12
TOTAL					\$ 1,313,553.45				\$ 1,328,739.28



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY. (LINK II-XII)

LOCATION OF PROJECT : ROAD SECTION SECTION AILEU CITY

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT RATE U\$	AMOUNT U\$	UNIT	QUANTITY	UNIT RATE U\$	AMOUNT U\$
C	OVERHEAD								
I	PROJECT TEAM								
1	Project Manager					Ls	1	\$ 4,500.00	\$ 4,500.00
2	Site Engineer	Ls	1.00	\$ 45,000.00	\$ 45,000.00	Ls	1	\$ 6,000.00	\$ 6,000.00
3	Quality Control					Ls	1	\$ 3,000.00	\$ 3,000.00
4	Surveyor					Ls	1	\$ 4,500.00	\$ 4,500.00
5	Logistics					Ls	1	\$ 3,000.00	\$ 3,000.00
6	Administration					Ls	1	\$ 2,400.00	\$ 2,400.00
7	Security	Ls	1.00	\$ 4,500.00	\$ 4,500.00	Ls	1	\$ 3,600.00	\$ 3,600.00
II	KUSTU OPERASIONAL								
1	Stationary					Ls	1	\$ 360.00	\$ 360.00
2	Communication					Ls	1	\$ 720.00	\$ 720.00
3	Meetings					Ls	1	\$ 360.00	\$ 360.00
4	Electricity					Ls	1	\$ 1,440.00	\$ 1,440.00
5	Water					Ls	1	\$ 1,440.00	\$ 1,440.00
6	Daily, weekly, monthly reports					Ls	1	\$ 480.00	\$ 480.00
7	Shop drawings, as built drawings	Ls	1.00	\$ 3,800.00	\$ 3,800.00	Ls	1	\$ 400.00	\$ 400.00
III	KUSTU SERVISU APOIO NIAN								
1	Material Sampling & Testing	Ls	1.00	\$ 8,500.00	\$ 8,500.00	Ls	1	\$ 9,688.00	\$ 9,688.00
2	Personal protective equipment (PPE)	Ls	1.00	\$ 2,600.00	\$ 2,600.00	Ls	1	\$ 960.00	\$ 960.00
	Total				\$ 64,400.00				\$ 42,848.00

3



AGÊNCIA DE DESENVOLVIMENTO NACIONAL I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY (LINK I STA.0+000-3+500)

LOCATION OF PROJECT : MUNICIPIO AILEU

SECTION NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN,I.P. AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ 19,979.35	\$ 11,359.35
200	EARTHWORKS	\$ 78,138.39	\$ 78,095.96
300	SUB BASE AND BASE COURSE	\$ 319,796.03	\$ 319,784.05
400	SURFACE COURSE	\$ 496,211.60	\$ 557,462.33
500	BRIDGE CONSTRUCTION	\$ 76,265.21	\$ 76,267.64
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 1,230,482.61	\$ 1,230,458.79
A	Estimated Direct Cost (EDC)	\$ 2,220,873.19	\$ 2,273,428.13
B	Profit 10% of (A)	\$ 222,087.32	\$ 227,342.81
C	OVERHEAD	\$ 64,400.00	\$ 39,674.00
D	Tax 2% (A+B+C)	\$ 48,859.21	\$ 50,808.90
E	Bid Price Carried Forward to From of Bid (A+B+C+D)	\$ 2,556,219.72	\$ 2,591,253.84

Verified By :

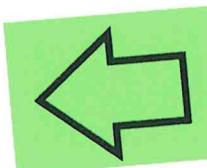
Eng. Domingos Soares Martins
Engineer. UAP - ADN.I.P

Checked By :

Eng. Rogerio M. Pires
Chefe Departamento ITIAS UAP - ADN.I.P

Certified By :

Arch. José Fernando Liu Soares
Coordenador. UAP - ADN.I.P
14/8/23



(3)



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITIES

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY (LINK I STA.0+000-3+500)

LOCATION OF PROJECT : MUNICÍPIO AILEU

P&V ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN.I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 11.679.35	\$ 11.679.35	Ls	1.00	\$ 6.544.35	\$ 6.544.35
102.2	Demobilization	Ls	1.00	\$ 8.300.00	\$ 8.300.00	Ls	1.00	\$ 4.815.00	\$ 4.815.00
<i>Sub Total 100</i>					\$ 19.979.35				\$ 11.359.35
200	EARTHWORKS								
201.5	Individual Removal of Tree (giant)	Each	1.00	\$ 671.37	\$ 671.37	Each	1.00	\$ 671.37	\$ 671.37
203.1	Unsuitable Excavation	Cu.m	7.495.375	\$ 3.67	\$ 27.508.03	Cu.m	7495.38	\$ 3.67	\$ 27.502.39
205.1	Common Embankment	Cu.m	2.981.625	\$ 7.46	\$ 22.242.92	Cu.m	2981.63	\$ 7.46	\$ 22.232.92
205.3	Granular Selected Embankment	Cu.m	654.600	\$ 17.71	\$ 11.592.97	Cu.m	654.60	\$ 17.71	\$ 11.593.87
206.1	Subgrade Preparation (Common Material)	Sq.m	26.005.000	\$ 0.62	\$ 16.123.10	Sq.m	26005.00	\$ 0.62	\$ 16.095.41
<i>Sub Total 200</i>					\$ 78,138.39				\$ 78,095.96
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	Cu.m	5.188.500	\$ 19.06	\$ 98.892.81	Cu.m	5188.50	\$ 19.06	\$ 98.870.45
303.1	Aggregate Base Class A	Cu.m	3.106.500	\$ 71.11	\$ 220.903.22	Cu.m	3106.50	\$ 71.11	\$ 220.913.60
<i>Sub Total 300</i>					\$ 319.796.03				\$ 319.784.05
400	SURFACE COURSE								
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	20.710.000	\$ 1.41	\$ 29.201.10	Sq.m	20710.00	\$ 1.41	\$ 29.287.20
412	Asphalt Concrete Binder Course (AC-BC), 50mm thick	Sq.m	20.710.000	\$ 22.55	\$ 467.010.50	Sq.m	20710.00	\$ 22.55	\$ 528.175.13
<i>Sub Total 400</i>					\$ 496,211.60				\$ 557,462.33
500	BRIDGE CONSTRUCTION								
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	654.300	\$ 116.56	\$ 76.265.21	Cu.m	654.30	\$ 116.56	\$ 76.267.64
<i>Sub Total 500</i>					\$ 76,265.21				\$ 76,267.64
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
601(1L)	Concrete Precast Linc Drain 25 Mpa (1100x90cm) thick 8 cm	Ln.m	5.655.000	\$ 196.31	\$ 1.110.133.05	Ln.m	5655.00	\$ 196.31	\$ 1.110.115.56
601(1m)	RCBC 25 Mpa (1200X1200mm)	Ln.m	92.000	\$ 484.80	\$ 44.601.60	Ln.m	92.00	\$ 484.80	\$ 44.601.64
603	Inlet & Outlet Structure	Each	8.000	\$ 455.72	\$ 3.645.76	Each	8.00	\$ 455.72	\$ 3.645.76
604.4a	PVC 2" Dia.	Ln.m	558.250	\$ 2.47	\$ 1.378.88	Ln.m	558.25	\$ 2.47	\$ 1.376.78
606	Stone Masonry (1Pc : 3Sn)	Cu.m	914.250	\$ 71.04	\$ 64.948.32	Cu.m	914.25	\$ 71.04	\$ 64.944.05
608 (a)	Steel Grill for Drainage Cover 60x80 cm	Unit	105.000	\$ 55.00	\$ 5.775.00	Unit	105.00	\$ 55.00	\$ 5.775.00
<i>Sub Total 600</i>					\$ 1,230,482.61				\$ 1,230,458.79
TOTAL					\$ 2,220,873.19				\$ 2,273,428.13



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

NAME OF PROJECT : ROAD & DRAINAGE REHABILITATION PROJECT ROAD SECTION AILEU CITY (LINK 1 STA.0+000-3+500)

LOCATION OF PROJECT : ROAD SECTION SECTION AILEU CITY

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT RATE U\$	AMOUNT U\$	UNIT	QUANTITY	UNIT RATE U\$	AMOUNT U\$
C	OVERHEAD								
I	PROJECT TEAM								
1	Project Manager					Ls	1	\$ 4,500.00	\$ 4,500.00
2	Site Engineer	Ls	1.00	\$ 45,000.00	\$ 45,000.00	Ls	1	\$ 6,000.00	\$ 6,000.00
3	Quality Control					Ls	1	\$ 3,000.00	\$ 3,000.00
4	Surveyor					Ls	1	\$ 4,500.00	\$ 4,500.00
5	Logistics					Ls	1	\$ 3,000.00	\$ 3,000.00
6	Administration					Ls	1	\$ 2,400.00	\$ 2,400.00
7	Security	Ls	1.00	\$ 4,500.00	\$ 4,500.00	Ls	1	\$ 3,600.00	\$ 3,600.00
II	KUSTU OPERASIONAL								
1	Stationary					Ls	1	\$ 360.00	\$ 360.00
2	Communication					Ls	1	\$ 720.00	\$ 720.00
3	Meetings					Ls	1	\$ 360.00	\$ 360.00
4	Electricity					Ls	1	\$ 1,440.00	\$ 1,440.00
5	Water					Ls	1	\$ 1,440.00	\$ 1,440.00
6	Daily, weekly, monthly reports					Ls	1	\$ 480.00	\$ 480.00
7	Shop drawings, as built drawings	Ls	1.00	\$ 3,800.00	\$ 3,800.00	Ls	1	\$ 400.00	\$ 400.00
III	KUSTU SERVISU APOIO NIAN								
1	Material Sampling & Testing	Ls	1.00	\$ 8,500.00	\$ 8,500.00	Ls	1	\$ 6,514.00	\$ 6,514.00
2	Personal protective equipment (PPE)	Ls	1.00	\$ 2,600.00	\$ 2,600.00	Ls	1	\$ 960.00	\$ 960.00
		Total			\$ 64,400.00				\$ 39,674.00



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO – MEHARA) LOT I (STA 0+000 TO 5+000)

Location of Project : Mehara to Lautem

SECTION NO.	DESCRIPTION	UIVP-MOP ESTIMATION	ADN VERIFIED
		AMMOUNT USD	AMMOUNT USD
100	GENERAL REQUIREMENTS	\$ 95.512,97	\$ 59.956,48
200	EARTHWORKS	\$ 550.968,24	\$ 551.089,81
300	SUBBASE AND BASE COURSE	\$ 586.633,44	\$ 586.654,24
400	SURFACE COURSES	\$ 713.551,75	\$ 830.131,97
500	BRIDGE CONSTRUCTION	\$ 650.439,66	\$ 650.435,60
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 979.282,82	\$ 979.262,76
700	MISCELLANEOUS STRUCTURES	\$ 355.076,46	\$ 278.528,79
800	BIO ENGINEERING	\$ 142.982,80	\$ 133.009,99
A	CONSTRUCTION COST	\$ 4.074.448,13	\$ 4.069.069,63
B	CONTRACTOR FEE (10% X A)	\$ 407.444,81	\$ 406.906,96
C	PROVISIONAL SUM (RELOCATION OF PUBLIC UTILITIES)	\$ 25.250,00	\$ 25.250,00
D	OVERHEAD	\$ 73.660,78	\$ 32.470,00
E	TAX (2% X (A+B+C+D))	\$ 91.616,07	\$ 90.673,93
F	TOTAL AMOUNT (A+B+C)	\$ 4.672.419,80	\$ 4.624.370,53

Verified by :

(Eng. Roberto M. Martins)
Engineer UAP- ADN, I.P

Checked by :

(Eng. Rogerio M. Pires)
Chefe Dep. ITIAS UAP-ADN,I.P

Certified By:

(Eng. José Fernando Liu Soares)
Coordenador UAP, ADN,I.P.





AGENCIA DE DESARROLLO NACIONAL, I. P.

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO – MEHARA) LOT 1 (STA 0+000 TO 5+000)
 Location of Project : Mehara to Lautem

Bill of Quantities

ITEM NO.	ITEM DESCRIPTION	UNIV-MOP ESTIMATION			ADN VERIFIED		
		UNIT	UNIT RATE	QUANTITY	UNIT	QUANTITY	UNIT RATE
BILL 100	GENERAL REQUIREMENTS						
102 (1)	Mobilization	L.S	59,262.97	1.00	\$	59,262.97	L.S
102 (2)	Demobilization	L.S	17,750.00	1.00	\$	17,750.00	L.S
104	Field Office for Facilities for Engineer	L.S	18,500.00	1.00	\$	18,500.00	
	Sub Total BILL 100				\$	95,512.97	
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	UNIT	QUANTITY	AMOUNT
BILL 200	EARTHWORKS						
201 (1)	Clearing and Grubbing in Sparse Vegetation	Ha	1,219.67	4.73	\$	5,772.60	Ha
201 (3)	Individual removal of trees (small) 150-900mm	each	10.94	174.00	\$	1,903.56	each
201 (4)	Individual removal of trees (large) 900-2000mm	each	76.63	94.00	\$	7,203.22	each
201 (5)	Individual removal of trees (gigantic) over 2000mm	each	262.56	62.00	\$	16,278.72	each
202 (2)	Removal of Structures and Obstructions	per unit	48.72	11.00	\$	535.92	per unit
202 (3)	Removal and disposal of existing asphalt pavement	sq.m	2.14	3,235.62	\$	6,924.23	sq.m
203 (2)	Common Excavation	cu.m	2.56	10,616.66	\$	27,178.65	cu.m
204 (1)	Structure Excavation	cu.m	3.80	25,878.66	\$	98,338.92	cu.m
205 (2)	Selected Embankment	cu.m	8.67	42,071.99	\$	364,764.15	cu.m
206 (1)	Subgrade Preparation (Common Material)	sq.m	0.62	18,209.00	\$	11,289.58	sq.m
206 (2)	Subgrade Preparation (Existing Pavement)	sq.m	0.62	17,385.00	\$	10,778.70	sq.m
	Sub Total BILL 200				\$	500,968.24	
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	UNIT	QUANTITY	AMOUNT
BILL 300	SUB BASE AND BASE COURSE						
301	Aggregate Subbase Course	cu.m	22.43	7,236.96	\$	162,325.01	cu.m
303 (1)	Aggregate Base Class A	cu.m	56.10	7,563.13	\$	424,308.42	cu.m
	Sub Total BILL 300				\$	586,633.44	
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	UNIT	QUANTITY	AMOUNT
BILL 400	SURFACE COURSES						
402	Prime Coat	Litre	1.55	28,668.21	\$	44,435.73	Litre
411 (5a)	Asphaltic Concrete Wearing Coarse (AC WC) 50mm	sq.m	23.34	28,663.21	\$	669,116.02	sq.m
	Sub Total BILL 400				\$	713,551.75	
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	UNIT	QUANTITY	AMOUNT
BILL 500	BRIDGE CONSTRUCTION						
505	Reinforcing Steel (for Culverts and Access Slab)	kg	1.87	112,421.90	\$	210,228.96	kg
506(1)A	Structural Concrete (15 Mpa) (Lean Concrete) Drains and Retaining Walls	cu.m	150.92	88.26	\$	13,320.20	cu.m
506(1)B	Structural Concrete (20 Mpa)	cu.m	228.17	136.78	\$	31,209.09	cu.m
506(1)C	Structural Concrete (25 Mpa) (for Drains, Retaining Walls and Access slab)	cu.m	238.45	250.00	\$	59,612.50	cu.m
506(1)D	Structural Concrete (30 Mpa) (for Culverts)	cu.m	240.25	1,398.83	\$	336,068.91	cu.m
	Sub Total BILL 500				\$	650,439.66	

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 600	DRAINAGE AND SLOPE PROTECTION				
602(3)	Granular backfill filter material for underdrains (hardcore)	cum	8.67	2,402.32	\$ 20,828.09
606	Stone masonry	cum	85.18	11,252.11	\$ 938,454.73
	Sub Total BILL 600				\$ 979,282.82
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 700	MISCELLANEOUS STRUCTURES				
704 (3)	Metal Guardrail	l.m.	76.44	1,069.30	\$ 81,737.29
706 (1)	Warning Signs	each	162.15	77.00	\$ 12,485.55
706 (2)	Regulatory Signs	each	0.00	-	\$ -
706 (3)	Information Signs	each	162.15	7.00	\$ 1,135.05
707 (1)	Pavement Markings (Reflective)	sq.m	35.32	7,353.30	\$ 259,718.57
	Sub Total BILL 700				\$ 355,076.46
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 800	BIOENGINEERING WORKS				
801 (1)	Nursery Establishment Operation and Management	sq.m	87.64	25.00	\$ 2,191.00
801 (2)	Grass and/or trees slips production	sq.m	4.40	20,800.00	\$ 91,520.00
803 (1)	Slope Trimming and Preparation	sq.m	1.76	227.82	\$ 400.97
803 (2)	Spot Disposal (Assume 0.15m layer from slope trimming)	cum	3.20	34.17	\$ 109.35
805 (3)	Planting of grass slips	sq.m	1.85	20,800.00	\$ 38,480.00
805 (4)	Planting of trees	per unit	11.92	27.34	\$ 325.88
808 (1)	Fabrication of tree guards	per unit	3.98	27.34	\$ 108.81
808 (2)	Maintenance and aftercare	LS	9,846.79	1.00	\$ 9,846.79
	Sub Total BILL 800				\$ 142,982.80
					\$ 133,009.99

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO - MEHARA) LOT I (STA 0+000 TO 5+000)

Location of Project : Mehara to Laute

OVERHEAD

NO	DESKRISIUN	U/I/P/MOP ESTIMATION				ADN VERIFIED			
		UNIT	QTY	UNIT RATE US \$	AMOUNT US \$	UNIT	QTY	UNIT RATE US \$	AMOUNT US \$
1	PROJECT TEAM								
	Project Manager	Ls	1,00	\$ 6.000,00	\$ 6.000,00	Ls	1,00	\$ 2.250,00	\$ 2.250,00
	Site Engineer	Ls	1,00	\$ 6.000,00	\$ 6.000,00	Ls	1,00	\$ 3.000,00	\$ 3.000,00
	Quality Control	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Health, Safety and Environment	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Surveyor	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 2.250,00	\$ 2.250,00
	Logistics	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Administration	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 1.200,00	\$ 1.200,00
	Cleaning Staff	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 900,00	\$ 900,00
	Security	Ls	1,00	\$ 900,00	\$ 900,00	Ls	1,00	\$ 1.800,00	\$ 1.800,00
2	KUSTU OPERASIONAL								
	Stationary	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 180,00	\$ 180,00
	Communication	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 360,00	\$ 360,00
	Meetings	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 180,00	\$ 180,00
	Electricity	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 720,00	\$ 720,00
	Water	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 720,00	\$ 720,00
	Daily, weekly, monthly reports	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 240,00	\$ 240,00
	Shop drawings, as built drawings	Ls	1,00	\$ 1.000,00	\$ 1.000,00	Ls	1,00	\$ 400,00	\$ 400,00
3	KUSTU SERVISU APOIO NIAN								
	Material Sampling & Testing					Ls	1,00	\$ 12.790,00	\$ 12.790,00
	Earth Works	Ls	1,00	\$ 16.073,38	\$ 16.073,38				
	Sub Base & Base Course	Ls	1,00	\$ 13.328,71	\$ 13.328,71				
	Surface Course	Ls	1,00	\$ 2.793,51	\$ 2.793,51				
	Bridge Construction	Ls	1,00	\$ 3.565,20	\$ 3.565,20				
	Personal protective equipment (PPE)	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 480,00	\$ 480,00
4	KUSTU SOSIAL								
	Launching ceremony	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 250,00	\$ 250,00
	Completion ceremony	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 250,00	\$ 250,00
	TOTAL				\$ 68.860,78				\$ 32.470,00

(S)



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO – MEHARA) : LOT II (STA 5+000 TO 10+000)

Location of Project : Mehara to Lautem

SECTION NO.	DESCRIPTION	UIVP-MOP ESTIMATION	ADN Verified
		AMMOUNT USD	AMMOUNT USD
100	GENERAL REQUIREMENTS	\$ 95.512,97	\$ 59.956,48
200	EARTHWORKS	\$ 431.293,38	\$ 431.370,19
300	SUBBASE AND BASE COURSE	\$ 498.265,96	\$ 498.283,10
400	SURFACE COURSES	\$ 817.158,65	\$ 729.125,50
500	BRIDGE CONSTRUCTION	\$ 609.859,11	\$ 609.854,55
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 864.215,79	\$ 864.198,43
700	MISCELLANEOUS STRUCTURES	\$ 27.313,64	\$ 26.642,02
800	BIO ENGINEERING	\$ 143.610,79	\$ 129.450,70
A	CONSTRUCTION COST	\$ 3.487.230,30	\$ 3.348.880,98
B	CONTRACTOR FEE (10% X A)	\$ 348.723,03	\$ 334.888,10
C	PROVISIONAL SUM (RELOCATION OF PUBLIC UTILITIES)	\$ 25.250,00	\$ 25.250,00
D	OVERHEAD	\$ 73.660,78	\$ 30.628,00
E	TAX (2% X (A+B+C+D))	\$ 78.697,28	\$ 74.792,94
F	TOTAL AMOUNT (A+B+C)	\$ 4.013.561,39	\$ 3.814.440,01

Verified by :

(Eng. Roberto M. Martins)
Engineer UAP- ADN, I.P

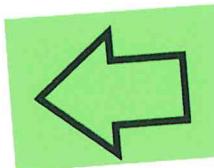
Checked by :

(Eng. Rogerio M. Pires)
Chefe Dep. ITIAS UAP-ADN,I.P

Certified By :

14/8/25

(Eng. José Fernando Liu Soares)
Coordenador UAP, ADN,I.P.





THE JOURNAL OF CLIMATE

Bill of Quantities

PERLAKUANAN DI MUNICIPAL ROAD (COLLECTOR ROAD) MEHARA TO JALIITEM 1 = 20 12 KM (CT ASAIANO - MEHARA) : 01 | STA 5+000 TO 10+000

Location of Project : Maharashtra 10 Lakh

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 500					
505	Reinforcing Steel (for Culverts and Access Slab)	kg	\$ 1.87	113.947.89	\$ 213,082.55
506(1)A	Structural Concrete (15 MPa) (Lean Concrete), Drains and Retaining Walls	cum	\$ 150.92	96.92	\$ 14,626.41
506(1)B	Structural Concrete (20 MPa)	cum	\$ 228.17	2.69	\$ 613.78
506(1)C	Structural Concrete (25 MPa) (for Drains, Retaining Walls and Access slab)	cum	\$ 238.45	80.00	\$ 238.45
506(1)D	Structural Concrete (30 MPa) (for Culverts)	cum	\$ 240.25	1.508.68	\$ 362,460.37
	Sub Total BILL 400				\$ 609,859.11
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 600					
602(3)	Granular backfill/filler material for underdrains (hardcore)	cum	\$ 85.18	9,922.00	\$ 845,155.96
606	Stone masonry				
	Sub Total BILL 600				\$ 864,215.79
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 700					
704(3)	Metal Guardrail	l.m.	\$ 76.44	187.50	\$ 14,332.50
706(1)	Warning Signs	each	\$ 162.15	66.00	\$ 10,701.90
706(2)	Regulatory Signs	each	\$ -	-	\$ -
706(3)	Informatory Signs	each	\$ 162.15	-	\$ -
707(1)	Pavement Markings (Reflective)	sq.m	\$ 35.32	64.53	\$ 2,279.24
	Sub Total BILL 700				\$ 27,313.64
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 800					
801(1)	Nursery Establishment, Operation and Management	sq.m	\$ 87.54	10.00	\$ 876.40
801(2)	Grass and/or trees slips production	sq.m	\$ 4.40	20,000.00	\$ 88,000.00
803(1)	Slope Trimming and Preparation	sq.m	\$ 1.76	-	\$ -
803(2)	Slop Disposal (Assume 0.15m layer from slope trimming)	cum	\$ 3.20	-	\$ -
805(3)	Planting of grass slips	sq.m	\$ 1.85	20,000.00	\$ 37,000.00
805(4)	Planting of trees	per unit	\$ 11.92	-	\$ -
808(1)	Fabrication of tree guards	per unit	\$ 3.98	-	\$ -
808(2)	Maintenance and aftercare	LS	\$ 9,846.79	1.00	\$ 9,846.79
	Sub Total BILL 800				\$ 143,610.79



AGÊNCIA DE DESENVOLVIMENTO NACIONAL

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO - MEHARA) : LOT II (STA 5+000 TO 10+000)

Location of Project : Asalaino - Mehara

OVERHEAD

NO	DESKRISIUN	UIVP-MOP ESTIMATION				ADVERIFIED			
		UNIT	QTY	UNIT RATE US \$	AMOUNT US \$	UNIT	QTY	UNIT RATE US \$	AMOUNT US \$
1	PROJECT TEAM								
	Project Manager	Ls	1,00	\$ 6.000,00	\$ 6.000,00	Ls	1,00	\$ 2.250,00	\$ 2.250,00
	Site Engineer	Ls	1,00	\$ 6.000,00	\$ 6.000,00	Ls	1,00	\$ 3.000,00	\$ 3.000,00
	Quality Control	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Health, Safety and Environment	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Surveyor	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 2.250,00	\$ 2.250,00
	Logistics	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Administration	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 1.200,00	\$ 1.200,00
	Cleaning Staff	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 900,00	\$ 900,00
	Security	Ls	1,00	\$ 900,00	\$ 900,00	Ls	1,00	\$ 1.800,00	\$ 1.800,00
2	KUSTU OPERASIONAL								
	Stationary	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 180,00	\$ 180,00
	Communication	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 360,00	\$ 360,00
	Meetings	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 180,00	\$ 180,00
	Electricity	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 720,00	\$ 720,00
	Water	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 720,00	\$ 720,00
	Daily, weekly, monthly reports	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 240,00	\$ 240,00
	Shop drawings, as built drawings	Ls	1,00	\$ 1.000,00	\$ 1.000,00	Ls	1,00	\$ 400,00	\$ 400,00
3	KUSTU SERVISU APOIO NIAN								
	Material Sampling & Testing					Ls	1,00	\$ 10.948,00	\$ 10.948,00
	Earth Works	Ls	1,00	\$ 16.073,38	\$ 16.073,38				
	Sub Base & Base Course	Ls	1,00	\$ 13.328,71	\$ 13.328,71				
	Surface Course	Ls	1,00	\$ 2.793,51	\$ 2.793,51				
	Bridge Construction	Ls	1,00	\$ 3.565,20	\$ 3.565,20				
	Personal protective equipment (PPE)	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 480,00	\$ 480,00
4	KUSTU SOSIAL								
	Launching ceremony	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 250,00	\$ 250,00
	Completion ceremony	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 250,00	\$ 250,00
	TOTAL				\$ 68.860,78				\$ 30.628,00

(6)



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO – MEHARA) LOT III (STA 10+000 TO 15+000)

Location of Project : Mehara to Lautem

SECTION NO.	DESCRIPTION	Owner Purposed	ADN Verified
		AMMOUNT USD	AMMOUNT USD
100	GENERAL REQUIREMENTS	\$ 95.512,97	\$ 59.956,48
200	EARTHWORKS	\$ 426.236,63	\$ 426.305,97
300	SUBBASE AND BASE COURSE	\$ 519.428,36	\$ 519.446,38
400	SURFACE COURSES	\$ 654.905,68	\$ 761.904,29
500	BRIDGE CONSTRUCTION	\$ 724.082,80	\$ 724.077,66
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 659.398,82	\$ 659.385,75
700	MISCELLANEOUS STRUCTURES	\$ 94.310,78	\$ 88.540,67
800	BIO ENGINEERING	\$ 143.610,79	\$ 129.450,70
A	CONSTRUCTION COST	\$ 3.317.486,82	\$ 3.369.067,91
B	CONTRACTOR FEE (10% X A)	\$ 331.748,68	\$ 336.906,79
C	PROVISIONAL SUM (RELOCATION OF PUBLIC UTILITIES)	\$ 25.250,00	\$ 25.250,00
D	OVERHEAD	\$ 73.660,78	\$ 30.568,00
E	TAX (2% X (A+B+C+D))	\$ 74.962,93	\$ 75.235,85
F	TOTAL AMOUNT (A+B+C)	\$ 3.823.109,21	\$ 3.837.028,55

Verified by :

(Eng. Roberto M. Martins)
Engineer UAP- ADN, I.P.

Checked by :

(Eng. Rogerio M. Pires)
Chefe Dep. ITIAS UAP-ADN,I.P.

Certified By :

(Eng. José Fernando Liu Soares)
Coordenador UAP-ADN,I.P.





AGENCIA DE DESARROLLO NACIONAL, I.P.

Bill of Quantities

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO - MEHARA) LOT III (STA 10+000 TO 15+000)

Location of Project : Mehara to Lautem

ITEM NO.	ITEM DESCRIPTION	UIV-P-MOP ESTIMATION			ADN VERIFIED				
		UNIT	UNIT RATE	QUANTITY	AMOUNT	UNIT	QUANTITY	UNIT RATE	AMOUNT
BILL 100	GENERAL REQUIREMENTS								
102 (1)	Mobilization	L.S	59,262.97	1.00	\$ 59,262.97	L.S	1.00	\$ 41,556.48	\$ 41,556.48
102 (2)	Demobilization	L.S	17,750.00	1.00	\$ 17,750.00	L.S	1.00	\$ 18,400.00	\$ 18,400.00
104	Field Office for Facilities For Engineer	L.S	18,500.00	1.00	\$ 18,500.00				\$ 59,556.48
	Sub Total BILL 100				\$ 95,512.97				
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT				
BILL 200	EARTHWORKS								
201 (1)	Clearing and Grubbing in Sparse Vegetation	Ha	1,219.67	4.03	\$ 4,921.06	Ha	4.03	\$ 1,219.67	\$ 4,921.04
201 (3)	Individual removal of trees (small) 150-900mm	each	10.94	182.00	\$ 1,991.08	each	182.00	\$ 10.94	\$ 1,990.88
201 (4)	Individual removal of trees (large) 900-2000mm	each	76.63	453.00	\$ 34,713.39	each	453.00	\$ 76.63	\$ 34,714.73
201 (5)	Individual removal of trees (gigantic) over 2000mm	each	262.56	54.00	\$ 14,178.24	each	54.00	\$ 262.56	\$ 14,178.34
202 (2)	Removal of Structures and Obstructions	per unit	48.72	15.00	\$ 730.80	per unit	15.00	\$ 48.72	\$ 730.80
202 (3)	Removal and disposal of existing asphalt pavement	cu.m	2.14	4,224.90	\$ 9,041.29	cu.m	4,224.90	\$ 2.14	\$ 9,047.45
203 (2)	Common Excavation	cu.m	2.56	9,083.29	\$ 23,253.22	cu.m	9,083.29	\$ 2.56	\$ 23,248.52
204 (1)	Structure Excavation	cu.m	3.80	19,841.20	\$ 75,396.56	cu.m	19,841.20	\$ 3.80	\$ 75,387.87
205 (2)	Selected Embankment	cu.m	8.67	27,702.08	\$ 240,177.07	cu.m	27,702.08	\$ 8.67	\$ 240,289.94
206 (1)	Subgrade Preparation (Common Material)	sq.m	0.62	18,081.50	\$ 11,210.53	sq.m	18,081.50	\$ 0.62	\$ 11,191.28
206 (2)	Subgrade Preparation (Existing Pavement)	sq.m	0.62	17,134.50	\$ 10,623.39	sq.m	17,134.50	\$ 0.62	\$ 10,605.15
	Sub Total BILL 200				\$ 426,236.63				\$ 426,305.97
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT				
BILL 300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	cu.m	22.43	6,650.72	\$ 149,175.65	cu.m	6,650.72	\$ 22.43	\$ 149,173.14
303 (1)	Aggregate Base Class A	cu.m	56.10	6,599.87	\$ 370,232.71	cu.m	6,599.87	\$ 56.10	\$ 370,232.74
	Sub Total BILL 300				\$ 519,428.36				\$ 519,426.38
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT				
BILL 400	SURFACE COURSES								
402	Prime Coat	Litre	1.55	26,312.00	\$ 40,783.60	Litre	26,312.00	\$ 1.55	\$ 40,768.06
411 (5a)	Asphaltic Concrete Wearing Coarse (AC WC) 50mm	sq.m	23.34	26,312.00	\$ 614,122.08	sq.m	26,312.00	\$ 27.41	\$ 721,136.23
	Sub Total BILL 400				\$ 654,905.68				\$ 761,104.29
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT				
BILL 500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel (for Culverts and Access Slab)	kg	1.87	147,911.77	\$ 276,595.00	kg	147,911.77	\$ 1.87	\$ 276,595.00
506(1)A	Structural Concrete (15 Mp) (Lean Concrete Drains and Retaining Walls)	cu.m	150.92	110.39	\$ 16,659.76	cu.m	110.39	\$ 150.92	\$ 16,659.41
506(1)B	Structural Concrete (20 Mp)	cu.m	228.17	12.00	\$ 2,737.58	cu.m	12.00	\$ 228.17	\$ 2,737.62
506(1)C	Structural Concrete (25 Mp) (for Drains, Retaining Walls and Access slab)	cu.m	238.45	47.50	\$ 11,326.38	cu.m	47.50	\$ 238.45	\$ 11,326.30
506(1)D	Structural Concrete (30 Mp) (for Culverts)	cu.m	240.25	1,734.71	\$ 416,764.08	cu.m	1,734.71	\$ 240.25	\$ 416,759.33
	Sub Total BILL 500				\$ 724,082.80				\$ 724,077.66

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 600	DRAINAGE AND SLOPE PROTECTION				
602(3)	Granular backfill filter material (or underdrains (hardcore))	cu.m	8.67	1.720.03	\$ 14,912.63
606	Stone masonry	cu.m	85.18	7.566.17	\$ 644,486.19
	Sub Total BILL 600			\$ 659,398.82	
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 700	MISCELLANEOUS STRUCTURES				
704 (3)	Metal Guardrail	l.m.	76.44	801.60	\$ 61,274.30
706 (1)	Warning Signs	each	162.15	79.00	\$ 12,809.85
706 (2)	Regulatory Signs	each	-	-	\$ -
706 (3)	Information Signs	each	162.15	4.00	\$ 648.60
707 (1)	Pavement Markings (Reflective)	sq.m	35.32	554.30	\$ 19,578.03
	Sub Total BILL 700			sq.m	\$ 554.30
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 800	BIOENGINEERING WORKS				
801 (1)	Nursery Establishment Operation and Management	sq.m	87.64	100.00	\$ 8,764.00
801 (2)	Grass and/or trees slips production	sq.m	4.40	20,000.00	\$ 88,000.00
803 (1)	Slope Trimming and Preparation	sq.m	1.76	-	\$ -
803 (2)	Soil Disposal (Assume 0.15m layer from slope trimming)	cu.m	3.20	-	\$ -
805 (2)	Planting of grass slips	sq.m	1.85	20,000.00	\$ 37,000.00
805 (3)	Planting of trees	per unit	11.92	-	\$ -
805 (4)	Fabrication of tree guards	per unit	3.98	-	\$ -
808 (2)	Maintenance and aftercare	LS	9,846.79	1.00	\$ 9,846.79
	Sub Total BILL 800			\$ 143,610.79	



AGENCIA DE DESENVELOVIMENTO NACIONAL I.P.

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO - MEHARA) LOT III (STA 10+000 TO 15+000)

Location of Project: Asalaino - Mehara

NO	DESKRISIUN	UIVP-MDP ESTIMATION				ADN VÉRIFIED			
		UNIT	QTY	UNIT RATE US \$	AMOUNT US \$	UNIT	QTY	UNIT RATE US \$	AMOUNT US \$
1	PROJECT TEAM								
	Project Manager	Ls	1,00	\$ 6.000,00	\$ 6.000,00	Ls	1,00	\$ 2.250,00	\$ 2.250,00
	Site Engineer	Ls	1,00	\$ 6.000,00	\$ 6.000,00	Ls	1,00	\$ 3.000,00	\$ 3.000,00
	Quality Control	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Health, Safety and Environment	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Surveyor	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 2.250,00	\$ 2.250,00
	Logistics	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Administration	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 1.200,00	\$ 1.200,00
	Cleaning Staff	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 900,00	\$ 900,00
	Security	Ls	1,00	\$ 900,00	\$ 900,00	Ls	1,00	\$ 1.800,00	\$ 1.800,00
2	KUSTU OPERASIONAL								
	Stationary	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 180,00	\$ 180,00
	Communication	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 360,00	\$ 360,00
	Meetings	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 180,00	\$ 180,00
	Electricity	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 720,00	\$ 720,00
	Water	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 720,00	\$ 720,00
	Daily, weekly, monthly reports	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 240,00	\$ 240,00
	Shop drawings, as built drawings	Ls	1,00	\$ 1.000,00	\$ 1.000,00	Ls	1,00	\$ 400,00	\$ 400,00
3	KUSTU SERVISU APOIO NIAN								
	Material Sampling & Testing					Ls	1,00	\$ 10.888,00	\$ 10.888,00
	Earth Works	Ls	1,00	\$ 16.073,38	\$ 16.073,38				
	Sub Base & Base Course	Ls	1,00	\$ 13.328,71	\$ 13.328,71				
	Surface Course	Ls	1,00	\$ 2.793,51	\$ 2.793,51				
	Bridge Construction	Ls	1,00	\$ 3.565,20	\$ 3.565,20				
	Personal protective equipment (PPE)	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 480,00	\$ 480,00
4	KUSTU SOSIAL								
	Launching ceremony	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 250,00	\$ 250,00
	Completion ceremony	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 250,00	\$ 250,00
	TOTAL				\$ 68.860,78				\$ 30.568,00

B



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

SUMMARY

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L = 20.17 KM (JCT. ASALAINO – MEHARA) LOT IV (STA 15+000 TO 20+170)

LOCATION OF PROJECT : LAUTEM - MEHARA

SECTION NO.	DESCRIPTION	UIVP-MOP ESTIMATION	ADN Verified
		AMMOUNT USD	AMMOUNT USD
100	GENERAL REQUIREMENTS	\$ 95.512,97	\$ 59.956,48
200	EARTHWORKS	\$ 829.074,26	\$ 806.523,46
300	SUBBASE AND BASE COURSE	\$ 536.108,09	\$ 536.126,72
400	SURFACE COURSES	\$ 660.965,51	\$ 792.221,78
500	BRIDGE CONSTRUCTION	\$ 697.533,22	\$ 697.528,03
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 778.679,03	\$ 734.970,67
700	MISCELLANEOUS STRUCTURES	\$ 50.207,75	\$ 48.100,48
800	BIO ENGINEERING	\$ 225.207,10	\$ 167.680,54
A	CONSTRUCTION COST	\$ 3.893.287,91	\$ 3.845.108,16
B	CONTRACTOR FEE (10% X A)	\$ 389.328,79	\$ 384.510,82
C	PROVISIONAL SUM (RELOCATION OF PUBLIC UTILITIES)	\$ 25.250,00	\$ 25.250,00
D	OVERHEAD	\$ 73.660,78	\$ 33.118,00
E	TAX (2% X (A+B+C+D))	\$ 87.630,55	\$ 85.759,74
F	TOTAL AMOUNT	\$ 4.469.158,03	\$ 4.373.746,71

Verified by :

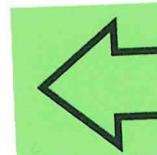
(Eng. Roberto M. Martins)
Engineer UAP- ADN, I.P

Checked by :

(Eng. Rogerio M. Pires)
Chefe Dep. ITIAS UAP-ADN,I.P

Certified By :

(Eng. José Fernando Lira Soares)
Coordenador UAP, ADN,I.P.



Bill of Quantities

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR CD2) MEHARA TO LAUTEM, L = 20.17 KM (CT. ASALAINO – MEHARA) LOT N (STA 15+000 TO 20+170)

Location of Project : Mehara to Lautem

ITEM NO.	ITEM DESCRIPTION	UVIP-MOP ESTIMATION				ADN VERIFIED			
		UNIT	UNIT RATE	QUANTITY	AMOUNT	UNIT	QUANTITY	UNIT RATE	AMOUNT
BILL 100	GENERAL REQUIREMENTS								
102 (1)	Mobilization	L.S	\$ 59,262.97	1.00	\$ 59,262.97	L.S	1.00	\$ 41,556.48	\$ 41,556.48
102 (2)	Demobilization	L.S	\$ 17,750.00	1.00	\$ 17,750.00	L.S	1.00	\$ 18,400.00	\$ 18,400.00
104	Field Office for Facilities for Engineer	L.S	\$ 18,500.00	1.00	\$ 18,500.00				\$ 59,956.48
		Sub Total BILL 100			\$ 95,512.97				
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT				
BILL 200	EARTHWORKS								
201 (1)	Clearing and Grubbing in Sparse Vegetation	Ha	\$ 1,219.67	5.15	\$ 6,279.98	Ha	5.15	\$ 1,219.67	\$ 6,279.98
201 (3)	Individual removal of trees (small) 150-900mm	each	\$ 10.94	160.00	\$ 1,750.40	each	160.00	\$ 10.94	\$ 1,750.23
201 (4)	Individual removal of trees (large) 900-2000mm	each	\$ 76.63	287.00	\$ 21,992.81	each	287.00	\$ 76.63	\$ 21,993.66
201 (5)	Individual removal of trees (gigantic) over 2000mm	each	\$ 262.56	89.00	\$ 23,367.84	each	89.00	\$ 262.56	\$ 23,368.01
202 (2)	Removal of Structures and Obstructions	per unit	\$ 48.72	13.00	\$ 633.36	per unit	13.00	\$ 48.72	\$ 633.33
202 (3)	Removal and disposal of existing asphalt pavement	sq.m	\$ 2.14	2,178.68	\$ 4,662.38	sq.m	2,178.68	\$ 2.14	\$ 4,665.33
203 (1)	Unsuitable Excavation	cum	\$ 6.34	5,500.00	\$ 34,867.76	cum	5,500.00	\$ 6.34	\$ 34,867.76
203 (2)	Common Excavation	cum	\$ 2.56	7,010.66	\$ 17,947.29	cum	7,010.66	\$ 2.56	\$ 17,943.66
204 (1)	Structure Excavation	cum	\$ 3.80	22,076.54	\$ 83,890.87	cum	22,076.54	\$ 3.80	\$ 83,881.20
205 (2)	Selected Embankment	cum	\$ 8.67	70,522.75	\$ 611,432.26	cum	70,522.75	\$ 8.67	\$ 611,719.60
206 (1)	Subgrade Preparation (Common Material)	sq.m	\$ 0.62	18,575.97	\$ 11,577.10	sq.m	18,575.97	\$ 0.62	\$ 11,497.32
206 (2)	Subgrade Preparation (Existing Pavement)	sq.m	\$ 0.62	17,310.04	\$ 10,732.22	sq.m	17,310.04	\$ 0.62	\$ 10,713.79
		Sub Total BILL 200			\$ 829,074.26				\$ 808,523.46
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT				
BILL 300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	cum	\$ 22.43	6,847.26	\$ 153,584.06	cum	6,847.26	\$ 22.43	\$ 153,581.48
303 (1)	Aggregate Base Class A	cum	\$ 56.10	6,818.61	\$ 382,524.02	cum	6,818.61	\$ 56.10	\$ 382,565.24
		Sub Total BILL 300			\$ 536,108.09				\$ 536,126.72
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT				
BILL 400	SURFACE COURSES								
402	Prime Coat	Litre	\$ 1.55	27,359.00	\$ 42,408.45	Litre	27,359.00	\$ 1.55	\$ 42,390.29
411 (5a)	Asphaltic Concrete Wearing Course (AC WC) 50mm	sq.m	\$ 23.34	27,359.00	\$ 638,559.06	sq.m	27,359.00	\$ 27.41	\$ 749,831.49
		Sub Total BILL 400			\$ 680,965.51				\$ 792,221.78
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT				
BILL 500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel (for Culverts and Access Slab)	kg	\$ 1.87	129,579.13	\$ 242,312.97	kg	129,579.13	\$ 1.87	\$ 242,312.97
506 (1A)	Structural Concrete (15 Mpa) (Lean Concrete, Drains and Retaining Walls)	cum	\$ 150.92	122.33	\$ 18,461.29	cum	122.33	\$ 150.92	\$ 18,460.91
506 (1B)	Structural Concrete (20 Mpa)	cum	\$ 228.17	24.41	\$ 5,569.63	cum	24.41	\$ 228.17	\$ 5,569.71
506 (1C)	Structural Concrete (25 Mpa) (for Drains, Retaining Walls and Access slab)	cum	\$ 230.45	25.00	\$ 5,961.25	cum	25.00	\$ 230.45	\$ 5,961.21
506 (1D)	Structural Concrete (30 Mpa) (for Culverts)	cum	\$ 240.25	17,69.94	\$ 425,228.09	cum	17,69.94	\$ 240.25	\$ 425,223.24
		Sub Total BILL 400			\$ 697,533.22				\$ 697,528.03

ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 600	DRAINAGE AND SLOPE PROTECTION				
602(3)	Granular backfill filter material for underdrains (hardcore)	cum	38.40	1,893.35	\$ 72,710.07
606	Stone masonry	cum	83.69	8,435.90	\$ 705,988.95
	Sub Total BILL 600			\$ 778,679.03	
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 700	MISCELLANEOUS STRUCTURES				
704 (3)	Metal Guardrail	l.m.	66.42	302.80	\$ 20,110.87
706 (1)	Warning Signs	each	242.51	25.00	\$ 6,062.72
706 (2)	Regulatory Signs	each	242.51	-	\$ -
706 (3)	Informational Signs	each	242.51	2.00	\$ 485.02
707 (1)	Pavement Markings (Reflective)	sq.m	28.51	826.03	\$ 23,549.14
	Sub Total BILL 700			\$ 50,207.75	
ITEM NO.	ITEM DESCRIPTION	UNIT	UNIT RATE	QUANTITY	AMOUNT
BILL 800	BIOENGINEERING WORKS				
801 (1)	Nursery Establishment Operation and Management	sq.m	87.55	100.00	\$ 8,754.69
801 (2)	Grass and/or trees slips production	sq.m	4.40	20,388.00	\$ 89,652.41
803 (1)	Slope Trimming and Preparation	sq.m	1.76	8,897.23	\$ 15,699.90
803 (2)	Slop Disposal (Assume 0.15m layer from slope trimming)	cum	5.34	1,334.58	\$ 7,132.94
805 (3)	Planting of grass slips	sq.m	3.36	21,189.00	\$ 71,114.26
805 (4)	Planting of trees	per unit	14.07	1,067.67	\$ 15,018.04
808 (1)	Fabrication of tree guards	per unit	5.49	1,067.67	\$ 5,884.70
808 (2)	Maintenance and aftercare	LS	1.00	11,970.17	\$ 2,461.70
	Sub Total BILL 800			\$ 225,207.10	\$ 167,680.54



AGENCIA DE DESARROLLO NACIONAL - P.

Name of Project : REHABILITATION OF MUNICIPAL ROAD (COLLECTOR C02) MEHARA TO LAUTEM, L=20.17 KM (JCT. ASALAINO – MEHARA) LOT IV (STA 15+000 TO 20+170)

Location of Project: Asalaino - Mehara

OVERHEAD

NO	DESKRISAUN	UIVP-MOP ESTIMATION				ADN VERIFIED			
		UNIT	QTY	UNIT RATE US \$	AMOUNT US \$	UNIT	QTY	UNIT RATE US \$	AMOUNT US \$
1	PROJECT TEAM								
	Project Manager	Ls	1,00	\$ 6.000,00	\$ 6.000,00	Ls	1,00	\$ 2.250,00	\$ 2.250,00
	Site Engineer	Ls	1,00	\$ 6.000,00	\$ 6.000,00	Ls	1,00	\$ 3.000,00	\$ 3.000,00
	Quality Control	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Health, Safety and Environment	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Surveyor	Ls	1,00	\$ 3.000,00	\$ 3.000,00	Ls	1,00	\$ 2.250,00	\$ 2.250,00
	Logistics	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 1.500,00	\$ 1.500,00
	Administration	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 1.200,00	\$ 1.200,00
	Cleaning Staff	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 900,00	\$ 900,00
	Security	Ls	1,00	\$ 900,00	\$ 900,00	Ls	1,00	\$ 1.800,00	\$ 1.800,00
2	KUSTU OPERASIONAL								
	Stationary	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 180,00	\$ 180,00
	Communication	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 360,00	\$ 360,00
	Meetings	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 180,00	\$ 180,00
	Electricity	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 720,00	\$ 720,00
	Water	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 720,00	\$ 720,00
	Daily, weekly, monthly reports	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 240,00	\$ 240,00
	Shop drawings, as built drawings	Ls	1,00	\$ 1.000,00	\$ 1.000,00	Ls	1,00	\$ 400,00	\$ 400,00
3	KUSTU SERVISU APOIO NIAN								
	Material Sampling & Testing					Ls	1,00	\$ 13.438,00	\$ 13.438,00
	Earth Works	Ls	1,00	\$ 16.073,38	\$ 16.073,38				
	Sub Base & Base Course	Ls	1,00	\$ 13.328,71	\$ 13.328,71				
	Surface Course	Ls	1,00	\$ 2.793,51	\$ 2.793,51				
	Bridge Construction	Ls	1,00	\$ 3.565,20	\$ 3.565,20				
	Personal protective equipment (PPE)	Ls	1,00	\$ 1.200,00	\$ 1.200,00	Ls	1,00	\$ 480,00	\$ 480,00
4	KUSTU SOSIAL								
	Launching ceremony	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 250,00	\$ 250,00
	Completion ceremony	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 250,00	\$ 250,00
	TOTAL				\$ 68.860,78				\$ 33.118,00

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SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 00+000 - STA 07+500) PACKAGE I
 LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI

NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN, I.P AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ 163,599.59	\$ 60,043.38
200	EARTHWORKS	\$ 250,292.15	\$ 243,869.36
300	SUB BASE AND BASE COURSE	\$ 1,456,115.56	\$ 1,456,165.83
400	SURFACE COURSE	\$ 1,387,350.00	\$ 1,387,227.43
500	BRIDGE CONSTRUCTION	\$ 389,224.44	\$ 389,135.21
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 231,593.01	\$ 231,593.37
700	MISCELLANEOUS STRUCTURES	\$ 88,214.46	\$ 88,212.96
A	Estimated Direct Cost (EDC)	\$ 3,966,389.21	\$ 3,856,247.54
B	Profit 10% of (a)	\$ 396,638.92	\$ 385,624.75
C	OVERHEAD	\$ 104,510.00	\$ 48,133.00
D	Tax 2% (a+b+c)	\$ 89,350.76	\$ 85,800.11
E	Grand Total	\$ 4,556,888.89	\$ 4,375,805.40

Verified By:

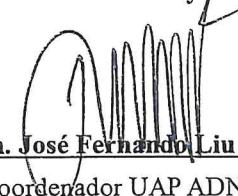

 (Eng. Majorico Cele Tali)

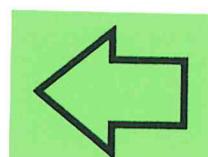
Civil Engineer ADN, I.P.

Checked by:


 (Eng. Rogério M. Pires)
 Chefe Departamento ITIAS ADN,I.P.

Certified by:


 (Arch. José Fernando Liu Soares)
 Coordenador UAP ADN, I.P.



BILL OF QUANTITIES

NAME OF PROJECT : REHABILITACION ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 00+000 - STA 07+500) PACKAGE I

LOCATION OF PROJECT : POSTO ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUAFI

No.	Work Description	OWNER ESTIMATE				VERIFIED BY ADN			
		Unit	Quantity	Unit Price (USD)	Amount (USD)	Unit	Quantity	Unit Price (USD)	Amount (USD)
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 44,033.66	\$ 44,033.66	Ls	1.00	\$ 31,288.20	\$ 31,288.20
102.2	Demobilization	Ls	1.00	\$ 10,375.00	\$ 10,375.00	Ls	1.00	\$ 28,755.19	\$ 28,755.19
105	Vehicles for the Engineers	Ls	1.00	\$ 47,846.00	\$ 47,846.00				
106	Laboratory Testing Services	Ls	1.00	\$ 55,163.93	\$ 55,163.93				
108	Traffic Management & Safety	Ls	1.00	\$ 6,181.00	\$ 6,181.00				
	<i>Sub Total 100</i>				\$ 163,599.59				\$ 60,043.38
200	EARTHWORKS								
201.1	Clearing and Grubbing	Hectare	2.250	\$ 1,528.92	\$ 3,440.07	Hectare	2.25	\$ 1,528.92	\$ 3,440.07
202.2	Removal of Structure and Obstructions (specific)	Ln.m	280.000	\$ 5.13	\$ 1,436.40	Ln.m	280.00	\$ 5.13	\$ 1,435.28
202.3	Removal of Pavement, side walks, curbs, etc	Sq.m	19,470.000	\$ 2.73	\$ 53,153.10	Sq.m	19,470.00	\$ 2.73	\$ 53,112.01
203.2	Surplus Common Excavation	Cu.m	37,702.170	\$ 2.68	\$ 101,041.82	Cu.m	37,702.17	\$ 2.68	\$ 101,073.02
204.1	Structure Excavation	Cu.m	236.250	\$ 3.52	\$ 831.60	Cu.m	236.25	\$ 3.52	\$ 832.56
204.2	Bridge excavation	Cu.m	570.560	\$ 15.99	\$ 9,123.25	Cu.m	570.56	\$ 4.13	\$ 2,357.95
204.3	Foundation fill	Cu.m	1,211.760	\$ 2.34	\$ 2,835.52	Cu.m	1,211.76	\$ 2.34	\$ 2,838.56
204.6	Pipe culvert and drain excavation	Cu.m	784.080	\$ 3.52	\$ 2,759.96	Cu.m	784.08	\$ 3.52	\$ 2,763.23
205.2	Selected Embankment	Cu.m	1,075.540	\$ 27.72	\$ 29,813.97	Cu.m	1,075.54	\$ 27.72	\$ 29,809.30
206.1	Subgrade Preparation (Common Material)	Sq.m	70,548.400	\$ 0.65	\$ 45,856.46	Sq.m	70,548.40	\$ 0.65	\$ 46,207.30
	<i>Sub Total 200</i>				\$ 250,292.15				\$ 243,869.30
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	Cu.m	25,366.890	\$ 29.37	\$ 745,025.56	Cu.m	25,366.89	\$ 29.37	\$ 745,043.21
303.1	Aggregate Base Class A	Cu.m	9,000.000	\$ 79.01	\$ 711,090.00	Cu.m	9,000.00	\$ 79.01	\$ 711,122.51
	<i>Sub Total 300</i>				\$ 1,456,115.56				\$ 1,456,165.81
400	SURFACE COURSE								
402	Bituminous Prime Coat (MC-70 Cutback Asphalt)	Sq.m	45,000.000	\$ 1.55	\$ 69,750.00	Sq.m	45,000.00	\$ 1.55	\$ 69,743.50
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Sq.m	45,000.000	\$ 29.28	\$ 1,317,600.00	Sq.m	45,000.00	\$ 29.28	\$ 1,317,483.80
	<i>Sub Total 400</i>				\$ 1,387,350.00				\$ 1,387,227.40
500	BRIDGE CONSTRUCTION								
502	Railing Steel Pipe 3" diameter	Ln.m	154.640	\$ 32.77	\$ 5,067.55	Ln.m	154.64	\$ 32.77	\$ 5,067.55
504(2)	Bore Pile Diameter 600mmx 6000mm	each	20.000	\$ 1,602.51	\$ 32,050.20	each	20.00	\$ 1,602.51	\$ 32,050.2
505	Reinforcing Steel	Kg	87,326.096	\$ 1.73	\$ 151,074.15	Kg	87,326.10	\$ 1.73	\$ 150,986.8
506.1b	Structural Concrete 30 Mpa	Cu.m	696.124	\$ 232.45	\$ 161,814.12	Cu.m	696.12	\$ 232.45	\$ 161,814.1
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	40.249	\$ 123.08	\$ 4,953.90	Cu.m	40.25	\$ 123.08	\$ 4,953.8
506.1f	Structural Concrete 21 Mpa	Cu.m	157.278	\$ 217.86	\$ 34,264.52	Cu.m	157.28	\$ 217.85	\$ 34,262.4
	<i>Sub Total 500</i>				\$ 389,224.44				\$ 389,135.2
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
604.4a	PVC 2" Dia.	Ln.m	1,405.350	\$ 2.49	\$ 3,499.32	Ln.m	1,405.35	\$ 2.49	\$ 3,502.8
606	Stone Masonry (1Pc : 35n)	Cu.m	2,775.200	\$ 82.19	\$ 228,093.69	Cu.m	2,775.20	\$ 82.19	\$ 228,090.5
	<i>Sub Total 600</i>				\$ 231,593.01				\$ 231,593.3
700	MISCELLANEOUS STRUCTURES								
703.3	Kilometer Post	each	8.000	\$ 27.06	\$ 216.48	each	8.00	\$ 27.06	\$ 216.4
704.3	Metal guardrail (metal beam)	I.m.	160.000	\$ 83.70	\$ 13,392.00	I.m.	160.00	\$ 83.70	\$ 13,391.9
706.2	Regulatory Signs	Each	26.000	\$ 152.04	\$ 3,953.04	Each	26.00	\$ 152.04	\$ 3,952.9
706.3	Informatory Signs	Each	4.000	\$ 152.04	\$ 608.16	Each	4.00	\$ 152.04	\$ 608.1
710	Reflectorized Thermoplastic Pavement Markings	Sq.m	3,027.000	\$ 23.14	\$ 70,044.78	Sq.m	3,027.00	\$ 23.14	\$ 70,043.4
	<i>Sub Total 700</i>				\$ 88,214.46				\$ 88,212.4
					TOTAL	\$ 3,966,389.21			\$ 3,856,247.5



AGENCIA DE DESARROLLO NACIONAL, I. P.

NAME OF : REHABILITASAUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 00+000 - STA 07+500)
PROJECT PACKAGE I
LOCATION OF : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI
PROJECT

OVERHEAD

NO	DESKRISAUN	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	PROJECT TEAM				
	Project Manager	Ls	1.00	\$ 3,600.00	\$ 3,600.00
	Site Manager	Ls	1.00	\$ -	\$ -
	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
	Quality Control	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Health, Safety and Environment	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Surveyor	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Logistics	Ls	1.00	\$ 1,500.00	\$ 1,500.00
	Administration	Ls	1.00	\$ 1,200.00	\$ 1,200.00
	Cleaning Staff	Ls	1.00	\$ 900.00	\$ 900.00
	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00
2	KUSTU OPERASIONAL				
	Stationary	Ls	1.00	\$ 360.00	\$ 360.00
	Communication	Ls	1.00	\$ 720.00	\$ 720.00
	Meetings	Ls	1.00	\$ 360.00	\$ 360.00
	Electricity	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Water	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Daily, weekly, monthly reports	Ls	1.00	\$ 480.00	\$ 480.00
	Shop drawings, as built drawings	Ls	1.00	\$ 400.00	\$ 400.00
3	KUSTU SERVISU APOIO NIAN				
	Personal protective equipment (PPE)	Ls	1.00	\$ 960.00	\$ 960.00
	Material Sampling & Testing	Ls	1.00	\$ 17,973.00	\$ 17,973.00
				TOTAL OVERHEAD	\$ 48,133.00

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SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 07+500 - STA 15+000) PACKAGE II
 LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO

NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN, I.P AMOUNT (\$)
100	GENERAL REQUIREMENTS	138,399.59	\$ 60,043.38
200	EARTHWORKS	201,448.77	\$ 201,814.68
300	SUB BASE AND BASE COURSE	1,562,808.72	\$ 1,562,862.57
400	SURFACE COURSE	1,387,350.00	\$ 1,387,227.43
500	BRIDGE CONSTRUCTION	41,792.73	\$ 41,779.49
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	52,864.61	\$ 52,863.88
700	MISCELLANEOUS STRUCTURES	73,397.88	\$ 73,396.44
A	Estimated Direct Cost (EDC)	3,458,062.30	3,379,987.86
B	Profit 10% of (a)	345,806.23	337,998.79
C	OVERHEAD	104,510.00	47,371.00
D	Tax 2% (a+b+c)	78,167.57	75,307.15
E	Grand Total	3,986,546.10	3,840,664.80

Verified By:



4/8/25

(Eng. Majorico Cele Tali)

Civil Engineer ADN, I.P.

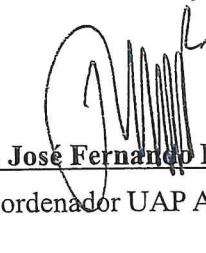
Checked by:



(Eng. Rogério M. Pires)

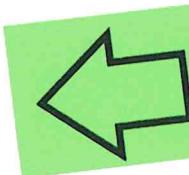
Chefe Departamento ITIAS ADN,I.P.

Certified by:



(Arch. José Fernando Liu Soares)

Coordenador UAP ADN, I.P.





AGENCIA DE DESARROLLO NACIONAL, I. P.

BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 07+500 - STA 15+000) PACKAGE II

LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI

No.	Work Description	OWNER ESTIMATE				VERIFIED BY ADN, I.P.			
		Unit	Quantity	Unit Price (USD)	Amount (USD)	Unit	Quantity	Unit Price (USD)	Amount (USD)
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 44,033.66	\$ 44,033.66	Ls	1.00	\$ 31,288.20	\$ 31,288.20
102.2	Demobilization	Ls	1.00	\$ 10,375.00	\$ 10,375.00	Ls	1.00	\$ 28,755.19	\$ 28,755.19
105	Vehicles for the Engineers	Ls	1.00	\$ 47,846.00	\$ 47,846.00				
106	Laboratory Testing Services	Ls	1.00	\$ 29,963.93	\$ 29,963.93				
108	Traffic Management & Safety	Ls	1.00	\$ 6,181.00	\$ 6,181.00				
	<i>Sub Total 100</i>				\$ 138,399.59				\$ 60,043.88
200	EARTHWORKS								
201.1	Clearing and Grubbing	Hectare	2.250	\$ 1,528.92	\$ 3,440.07	Hectar	2.25	\$ 1,528.92	\$ 3,440.07
202.2	Removal of Structure and Obstructions (specific)	Ln.m	590.000	\$ 5.13	\$ 3,026.70	Ln.m	590.00	\$ 5.13	\$ 3,024.34
202.3	Removal of Pavement, side walks, curbs, etc	Sq.m	11,340.000	\$ 2.73	\$ 30,958.20	Sq.m	11,340.00	\$ 2.73	\$ 30,934.27
203.2	Surplus Common Excavation	Cu.m	38,981.760	\$ 2.68	\$ 104,471.12	Cu.m	38,981.76	\$ 2.68	\$ 104,503.38
204.1	Structure Excavation	Cu.m	180,000	\$ 3.52	\$ 633.60	Cu.m	180.00	\$ 3.52	\$ 634.35
204.3	Foundation fill	Cu.m	482,400	\$ 2.34	\$ 1,128.82	Cu.m	482.40	\$ 2.34	\$ 1,130.03
204.6	Pipe culvert and drain excavation	Cu.m	482,400	\$ 3.52	\$ 1,698.05	Cu.m	482.40	\$ 3.52	\$ 1,700.06
205.2	Selected Embankment	Cu.m	338,200	\$ 27.72	\$ 9,374.90	Cu.m	338.20	\$ 27.72	\$ 9,373.44
206.1	Subgrade Preparation (Common Material)	Sq.m	71,872.790	\$ 0.65	\$ 46,717.31	Sq.m	71,872.79	\$ 0.65	\$ 47,074.75
	<i>Sub Total 200</i>				\$ 201,448.77				\$ 201,814.68
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	Cu.m	27,385.520	\$ 29.37	\$ 804,312.72	Cu.m	27,385.52	\$ 29.37	\$ 804,331.82
303.1	Aggregate Base Class A	Cu.m	9,600.000	\$ 79.01	\$ 758,496.00	Cu.m	9,600.00	\$ 79.01	\$ 758,530.75
	<i>Sub Total 300</i>				\$ 1,562,808.72				\$ 1,562,862.57
400	SURFACE COURSE								
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	45,000.000	\$ 1.55	\$ 69,750.00	Sq.m	45,000.00	\$ 1.55	\$ 69,743.54
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Sq.m	45,000.000	\$ 29.28	\$ 1,317,600.00	Sq.m	45,000.00	\$ 29.28	\$ 1,317,483.89
	<i>Sub Total 400</i>				\$ 1,387,350.00				\$ 1,387,227.43
500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel	Kg	12,089.630	\$ 1.73	\$ 20,915.06	Kg	12,089.63	\$ 1.73	\$ 20,902.97
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	10,546	\$ 123.08	\$ 1,297.95	Cu.m	10.55	\$ 123.08	\$ 1,297.95
506.1f	Structural Concrete 21 Mpa	Cu.m	89.873	\$ 217.86	\$ 19,579.72	Cu.m	89.87	\$ 217.85	\$ 19,578.56
	<i>Sub Total 500</i>				\$ 41,792.73				\$ 41,779.45
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
606	Stone Masonry (1Pc : 3Sn)	Cu.m	643.200	\$ 82.19	\$ 52,864.61	Cu.m	643.20	\$ 82.19	\$ 52,863.88
	<i>Sub Total 600</i>				\$ 52,864.61				\$ 52,863.88
700	MISCELLANEOUS STRUCTURES								
703.3	Kilometer Post	each	8.000	\$ 27.06	\$ 216.48	each	8.00	\$ 27.06	\$ 216.48
706.2	Regulatory Signs	Each	22.000	\$ 152.04	\$ 3,344.88	Each	22.00	\$ 152.04	\$ 3,344.88
710	Reflectorized Thermoplastic Pavement Markings	Sq.m	3,018.000	\$ 23.14	\$ 69,836.52	Sq.m	3,018.00	\$ 23.14	\$ 69,835.14
	<i>Sub Total 700</i>				\$ 73,397.88				\$ 73,396.44
					TOTAL	\$ 3,458,062.30			\$ 3,379,987.86



AGENCIA DE DESENVELOVIMENTO NACIONAL, I.P.

NAME OF : REHABILITASAUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 07+500 - STA 15+000)
PROJECT PACKAGE II
LOCATION OF : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI
PROJECT

OVERHEAD

NO	DESKRISAUN	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	PROJECT TEAM				
	Project Manager	Ls	1.00	\$ 3,600.00	\$ 3,600.00
	Site Manager	Ls	1.00	\$ -	\$ -
	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
	Quality Control	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Health, Safety and Environment	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Surveyor	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Logistics	Ls	1.00	\$ 1,500.00	\$ 1,500.00
	Administration	Ls	1.00	\$ 1,200.00	\$ 1,200.00
	Cleaning Staff	Ls	1.00	\$ 900.00	\$ 900.00
	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00
2	KUSTU OPERASIONAL				
	Stationary	Ls	1.00	\$ 360.00	\$ 360.00
	Communication	Ls	1.00	\$ 720.00	\$ 720.00
	Meetings	Ls	1.00	\$ 360.00	\$ 360.00
	Electricity	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Water	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Daily, weekly, monthly reports	Ls	1.00	\$ 480.00	\$ 480.00
	Shop drawings, as built drawings	Ls	1.00	\$ 400.00	\$ 400.00
3	KUSTU SERVISU APOIO NIAN				
	Personal protective equipment (PPE)	Ls	1.00	\$ 960.00	\$ 960.00
	Material Sampling & Testing	Ls	1.00	\$ 17,211.00	\$ 17,211.00
				TOTAL OVERHEAD	\$ 47,371.00

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AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 15+000 - STA 22+500),
PACKAGE III
LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFABI

NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN, I.P. AMOUNT (\$)
100	GENERAL REQUIREMENTS	138,399.59	60,043.38
200	EARTHWORKS	154,537.20	154,921.84
300	SUB BASE AND BASE COURSE	1,472,385.95	1,472,436.61
400	SURFACE COURSE	1,387,350.00	1,387,227.43
500	BRIDGE CONSTRUCTION	62,689.10	62,669.23
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	96,655.44	96,654.10
700	MISCELLANEOUS STRUCTURES	72,598.08	72,596.65
A	Estimated Direct Cost (EDC)	3,384,615.36	3,306,549.24
B	Profit 10% of (a)	338,461.54	330,654.92
C	OVERHEAD	104,510.00	46,603.00
D	Tax 2% (a+b+c)	76,551.74	73,676.14
E	Grand Total	3,904,138.63	3,757,483.31

Verified By:

(Eng. Majorico Cele Tali)

Civil Engineer ADN, I.P.

Checked by:

(Eng. Rogério M. Pires)

Chefe Departamento ITIAS ADN,I.P.

Certified by:

(Arch. José Fernando Liu Soares)

Coordehador UAP ADN, I.P.



BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASAN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 15+000 - STA 22+500), PACKAGE III
 LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI

No.	Work Description	OWNER ESTIMATE				VERIFIED BY ADN, I.P.			
		Unit	Quantity	Unit Price (USD)	Amount (USD)	Unit	Quantity	Unit Price (USD)	Amount (USD)
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 44,033.66	\$ 44,033.66	Ls	1.00	\$ 31,288.20	\$ 31,288.20
102.2	Demobilization	Ls	1.00	\$ 10,375.00	\$ 10,375.00	Ls	1.00	\$ 28,755.19	\$ 28,755.19
105	Vehicles for the Engineers	Ls	1.00	\$ 47,846.00	\$ 47,846.00				
106	Laboratory Testing Services	Ls	1.00	\$ 29,963.93	\$ 29,963.93				
108	Traffic Management & Safety	Ls	1.00	\$ 6,181.00	\$ 6,181.00				
	<i>Sub Total 100</i>				\$ 138,399.59				\$ 60,043.38
200	EARTHWORKS								
201.1	Clearing and Grubbing	Hectare	2.09	\$ 1,528.92	\$ 3,201.56	Hectare	2.09	\$ 1,528.92	\$ 3,201.56
202.3	Removal of Pavement, side walks, curbs, etc	Sq.m	9,000.00	\$ 2.73	\$ 24,570.00	Sq.m	9,000.00	\$ 2.73	\$ 24,551.01
203.2	Surplus Common Excavation	Cu.m	25,509.13	\$ 2.68	\$ 68,364.47	Cu.m	25,509.13	\$ 2.68	\$ 68,385.58
204.1	Structure Excavation	Cu.m	461.25	\$ 3.52	\$ 1,623.60	Cu.m	461.25	\$ 3.52	\$ 1,625.52
204.3	Foundation fill	Cu.m	846.00	\$ 2.34	\$ 1,979.64	Cu.m	846.00	\$ 2.34	\$ 1,981.77
204.6	Pipe culvert and drain excavation	Cu.m	846.00	\$ 3.52	\$ 2,977.92	Cu.m	846.00	\$ 3.52	\$ 2,981.45
205.2	Selected Embankment	Cu.m	99.49	\$ 27.72	\$ 2,757.86	Cu.m	99.49	\$ 27.72	\$ 2,757.43
206.1	Subgrade Preparation (Common Material)	Sq.m	75,480.23	\$ 0.65	\$ 49,062.15	Sq.m	75,480.23	\$ 0.65	\$ 49,437.53
	<i>Sub Total 200</i>				\$ 154,537.20				\$ 154,921.84
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	Cu.m	25,920.87	\$ 29.37	\$ 761,295.95	Cu.m	25,920.87	\$ 29.37	\$ 761,314.03
303.1	Aggregate Base Class A	Cu.m	9,000.00	\$ 79.01	\$ 711,090.00	Cu.m	9,000.00	\$ 79.01	\$ 711,122.58
	<i>Sub Total 300</i>				\$ 1,472,385.95				\$ 1,472,436.61
400	SURFACE COURSE								
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	45,000.00	\$ 1.55	\$ 69,750.00	Sq.m	45,000.00	\$ 1.55	\$ 69,743.54
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Sq.m	45,000.00	\$ 29.28	\$ 1,317,600.00	Sq.m	45,000.00	\$ 29.28	\$ 1,317,483.89
	<i>Sub Total 400</i>				\$ 1,387,350.00				\$ 1,387,227.43
500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel	Kg	18,134.45	\$ 1.73	\$ 31,372.59	Kg	18,134.45	\$ 1.73	\$ 31,354.46
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	15.82	\$ 125.08	\$ 1,946.93	Cu.m	15.82	\$ 123.08	\$ 1,946.93
506.1f	Structural Concrete 21 Mpa	Cu.m	134.81	\$ 217.86	\$ 29,369.58	Cu.m	134.81	\$ 217.85	\$ 29,367.84
	<i>Sub Total 500</i>				\$ 62,689.10				\$ 62,669.23
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
606	Stone Masonry (1Pc : 35n)	Cu.m	1,176.00	\$ 82.19	\$ 96,655.44	Cu.m	1,176.00	\$ 82.19	\$ 96,654.10
	<i>Sub Total 600</i>				\$ 96,655.44				\$ 96,654.10
700	MISCELLANEOUS STRUCTURES								
703.3	Kilometer Post	each	8.00	\$ 27.06	\$ 216.48	each	8.00	\$ 27.06	\$ 216.48
706.2	Regulatory Signs	Each	12.00	\$ 152.04	\$ 1,824.48	Each	12.00	\$ 152.04	\$ 1,824.44
706.3	Informatory Signs	Each	2.00	\$ 152.04	\$ 304.08	Each	2.00	\$ 152.04	\$ 304.07
710	Reflectorized Thermoplastic Pavement Markings	Sq.m	3,036.00	\$ 23.14	\$ 70,253.04	Sq.m	3,036.00	\$ 23.14	\$ 70,251.65
	<i>Sub Total 700</i>				\$ 72,598.08				\$ 72,596.65
					TOTAL				
					\$ 3,384,615.36				\$ 3,306,549.24



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

NAME OF : REHABILITASAUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 15+000 - STA 22+500),
PROJECT PACKAGE III
LOCATION OF : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI
PROJECT

OVERHEAD

NO	DESKRISAUN	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	PROJECT TEAM				
	Project Manager	Ls	1.00	\$ 3,600.00	\$ 3,600.00
	Site Manager	Ls	1.00	\$ -	\$ -
	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
	Quality Control	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Health, Safety and Environment	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Surveyor	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Logistics	Ls	1.00	\$ 1,500.00	\$ 1,500.00
	Administration	Ls	1.00	\$ 1,200.00	\$ 1,200.00
	Cleaning Staff	Ls	1.00	\$ 900.00	\$ 900.00
	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00
2	KUSTU OPERASIONAL				
	Stationary	Ls	1.00	\$ 360.00	\$ 360.00
	Communication	Ls	1.00	\$ 720.00	\$ 720.00
	Meetings	Ls	1.00	\$ 360.00	\$ 360.00
	Electricity	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Water	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Daily, weekly, monthly reports	Ls	1.00	\$ 480.00	\$ 480.00
	Shop drawings, as built drawings	Ls	1.00	\$ 400.00	\$ 400.00
3	KUSTU SERVISU APOIO NIAN				
	Personal protective equipment (PPE)	Ls	1.00	\$ 960.00	\$ 960.00
	Material Sampling & Testing	Ls	1.00	\$ 16,443.00	\$ 16,443.00
				TOTAL OVERHEAD	\$ 46,603.00



AGENCIA DE DESARROLLO NACIONAL, I.P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : REHABILITACION ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (22+500.00 – 30+000.00)
PACKAGE IV

LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFABI

NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN, I.P AMOUNT (\$)
100	GENERAL REQUIREMENTS	148,774.59	60,043.38
200	EARTHWORKS	98,397.50	98,741.02
300	SUB BASE AND BASE COURSE	1,457,500.06	1,457,550.36
400	SURFACE COURSE	1,387,350.00	1,387,227.43
500	BRIDGE CONSTRUCTION	41,792.73	41,779.49
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	109,674.34	109,672.82
700	MISCELLANEOUS STRUCTURES	72,885.54	72,884.11
A	Estimated Direct Cost (EDC)	3,316,374.76	3,227,898.60
B	Profit 10% of (a)	331,637.48	322,789.86
C	OVERHEAD	104,510.00	46,603.00
D	Tax 2% (a+b+c)	75,050.44	71,945.83
E	Grand Total	3,827,572.68	3,669,237.29

Verified By:

(Eng. Majorico Cele Tali)

Civil Engineer ADN, I.P.

Checked by:

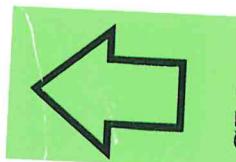
(Eng. Rogério M. Pires)

Chefe Departamento ITIAS ADN,I.P.

Certified by:

(Arch. José Fernando Liu Soares)

Coordenador UAP ADN, I.P.





AGENCIA DE DESARROLLO NACIONAL, I.P.

BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (22+500.00 – 30+000.00) PACKAGE IV
LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFABI

No.	Work Description	OWNER ESTIMATE				VERIFIED BY ADN, I.P.			
		Unit	Quantity	Unit Price (USD)	Amount (USD)	Unit	Quantity	Unit Price (USD)	Amount (USD)
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 44,033.66	\$ 44,033.66	Ls	1.00	\$ 31,288.20	\$ 31,288.20
102.2	Demobilization	Ls	1.00	\$ 20,750.00	\$ 20,750.00	Ls	1.00	\$ 28,755.19	\$ 28,755.19
105	Vehicles for the Engineers	Ls	1.00	\$ 47,846.00	\$ 47,846.00				
106	Laboratory Testing Services	Ls	1.00	\$ 29,963.93	\$ 29,963.93				
108	Traffic Management & Safety	Ls	1.00	\$ 6,181.00	\$ 6,181.00				
	<i>Sub Total 100</i>				\$ 148,774.59				\$ 60,043.38
200	EARTHWORKS								
201.1	Clearing and Grubbing	Hectare	2.25	\$ 1,528.92	\$ 3,440.07	Hectare	2.25	\$ 1,528.92	\$ 3,440.07
202.2	Removal of Structure and Obstructions (specific)	Ln.m	220.00	\$ 5.13	\$ 1,128.60	Ln.m	220.00	\$ 5.13	\$ 1,127.72
202.3	Removal of Pavement, side walks, curbs, etc	Sq.m	14,130.00	\$ 2.73	\$ 38,574.90	Sq.m	14,130.00	\$ 2.73	\$ 38,545.08
204.1	Structure Excavation	Cu.m	382.50	\$ 3.52	\$ 1,346.40	Cu.m	382.50	\$ 3.52	\$ 1,347.99
204.3	Foundation fill	Cu.m	1,044.00	\$ 2.34	\$ 2,442.96	Cu.m	1,044.00	\$ 2.34	\$ 2,445.58
204.6	Pipe culvert and drain excavation	Cu.m	1,044.00	\$ 3.52	\$ 3,674.88	Cu.m	1,044.00	\$ 3.52	\$ 3,679.23
206.1	Subgrade Preparation (Common Material)	Sq.m	73,522.60	\$ 0.65	\$ 47,789.69	Sq.m	73,522.60	\$ 0.65	\$ 48,155.34
	<i>Sub Total 200</i>				\$ 98,397.50				\$ 98,741.02
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	Cu.m	25,414.03	\$ 29.37	\$ 746,410.06	Cu.m	25,414.03	\$ 29.37	\$ 746,427.78
303.1	Aggregate Base Class A	Cu.m	9,000.00	\$ 79.01	\$ 711,090.00	Cu.m	9,000.00	\$ 79.01	\$ 711,122.58
	<i>Sub Total 300</i>				\$ 1,457,500.06				\$ 1,457,550.36
400	SURFACE COURSE								
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	45,000.00	\$ 1.55	\$ 69,750.00	Sq.m	45,000.00	\$ 1.55	\$ 69,743.54
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Sq.m	45,000.00	\$ 29.28	\$ 1,317,600.00	Sq.m	45,000.00	\$ 29.28	\$ 1,317,483.89
	<i>Sub Total 400</i>				\$ 1,387,350.00				\$ 1,387,227.43
500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel	Kg	12,089.63	\$ 1.73	\$ 20,915.06	Kg	12,089.63	\$ 1.73	\$ 20,902.97
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	10.55	\$ 123.08	\$ 1,297.95	Cu.m	10.55	\$ 123.08	\$ 1,297.95
506.1f	Structural Concrete 21 Mpa	Cu.m	89.87	\$ 217.86	\$ 19,579.72	Cu.m	89.87	\$ 217.85	\$ 19,578.56
	<i>Sub Total 500</i>				\$ 41,792.73				\$ 41,779.49
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
606	Stone Masonry (1Pc : 3Sn)	Cu.m	1,334.40	\$ 82.19	\$ 109,674.34	Cu.m	1,334.40	\$ 82.19	\$ 109,672.82
	<i>Sub Total 600</i>				\$ 109,674.34				\$ 109,672.82
700	MISCELLANEOUS STRUCTURES								
703.5	Kilometer Post	each	8.00	\$ 27.06	\$ 216.48	each	8.00	\$ 27.06	\$ 216.48
706.2	Regulatory Signs	Each	18.00	\$ 152.04	\$ 2,736.72	Each	18.00	\$ 152.04	\$ 2,736.66
706.3	Informatory Signs	Each	2.00	\$ 152.04	\$ 304.08	Each	2.00	\$ 152.04	\$ 304.07
710	Reflectorized Thermoplastic Pavement Markings	Sq.m	3,009.00	\$ 23.14	\$ 69,628.26	Sq.m	3,009.00	\$ 23.14	\$ 69,626.89
	<i>Sub Total 700</i>				\$ 72,885.54				\$ 72,884.11
				TOTAL	\$ 3,316,374.76				\$ 3,227,898.60



AGENCIA DE DESENOVOLVIMENTO NACIONAL, I. P.

NAME OF : REHABILITASAUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (22+500.00 – 30+000.00)
PROJECT PACKAGE IV
LOCATION OF : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI
PROJECT

OVERHEAD

NO	DESKRISAUN	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	PROJECT TEAM				
	Project Manager	Ls	1.00	\$ 3,600.00	\$ 3,600.00
	Site Manager	Ls	1.00	\$ -	\$ -
	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
	Quality Control	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Health, Safety and Environment	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Surveyor	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Logistics	Ls	1.00	\$ 1,500.00	\$ 1,500.00
	Administration	Ls	1.00	\$ 1,200.00	\$ 1,200.00
	Cleaning Staff	Ls	1.00	\$ 900.00	\$ 900.00
	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00
2	KUSTU OPERASIONAL				
	Stationary	Ls	1.00	\$ 360.00	\$ 360.00
	Communication	Ls	1.00	\$ 720.00	\$ 720.00
	Meetings	Ls	1.00	\$ 360.00	\$ 360.00
	Electricity	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Water	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Daily, weekly, monthly reports	Ls	1.00	\$ 480.00	\$ 480.00
	Shop drawings, as built drawings	Ls	1.00	\$ 400.00	\$ 400.00
3	KUSTU SERVISU APOIO NIAN				
	Personal protective equipment (PPE)	Ls	1.00	\$ 960.00	\$ 960.00
	Material Sampling & Testing	Ls	1.00	\$ 16,443.00	\$ 16,443.00
				TOTAL OVERHEAD	\$ 46,603.00



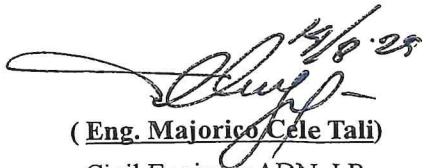
AGENCIA DE DESARROLLO NACIONAL, I.P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 30+000 - STA 38+657.39) PACKAGE V
 LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI

NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN, I.P. AMOUNT (\$)
100	GENERAL REQUIREMENTS	149,274.59	60,043.38
200	EARTHWORKS	287,247.23	287,658.92
300	SUB BASE AND BASE COURSE	1,657,788.63	1,657,846.12
400	SURFACE COURSE	1,601,444.01	1,601,302.52
500	BRIDGE CONSTRUCTION	188,953.81	188,897.49
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	262,520.98	262,518.32
700	MISCELLANEOUS STRUCTURES	93,138.04	93,136.40
A	Estimated Direct Cost (EDC)	4,240,367.29	4,151,403.15
B	Profit 10% of (a)	424,036.73	415,140.31
C	OVERHEAD	104,510.00	46,603.00
D	Tax 2% (a+b+c)	95,378.28	92,262.93
E	Grand Total	4,864,292.30	4,705,409.39

Verified By:


(Eng. Majorico Cele Tali)

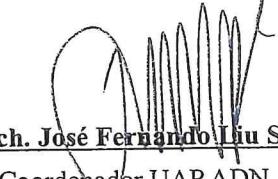
Civil Engineer ADN, I.P.

Checked by:

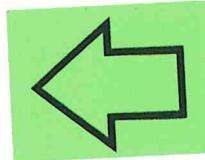

(Eng. Rogério M. Pires)

Chefe Departamento ITIAS ADN,I.P.

Certified by:


(Arch. José Fernando Liu Soares)

Coordinador UAP ADN, I.P.



BILL OF QUANTITIES

NAME OF PROJECT : REHABILITACION ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 30+000 - STA 38+657.39) PACKAGE V
 LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUAFHI

No.	Work Description	OWNER ESTIMATE				VERIFIED BY ADN, I.P.			
		Unit	Quantity	Unit Price (USD)	Amount (USD)	Unit	Quantity	Unit Price (USD)	Amount (USD)
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 44,033.66	\$ 44,033.66	Ls	1.00	\$ 31,288.20	\$ 31,288.20
102.2	Demobilization	Ls	1.00	\$ 20,750.00	\$ 20,750.00	Ls	1.00	\$ 28,755.19	\$ 28,755.19
105	Vehicles for the Engineers	Ls	1.00	\$ 47,846.00	\$ 47,846.00				
106	Laboratory Testing Services	Ls	1.00	\$ 30,463.93	\$ 30,463.93				
108	Traffic Management & Safety	Ls	1.00	\$ 6,181.00	\$ 6,181.00				
	<i>Sub Total 100</i>				\$ 149,274.59				\$ 60,043.38
200	EARTHWORKS								
201.1	Clearing and Grubbing	Hectare	2.60	\$ 1,528.92	\$ 3,970.94	Hectare	2.60	\$ 1,528.92	\$ 3,970.94
202.3	Removal of Pavement, side walks, curbs, etc	Sq.m	23,190.00	\$ 2.73	\$ 63,308.70	Sq.m	23,190.00	\$ 2.73	\$ 63,259.76
203.2	Surplus Common Excavation	Cu.m	43,256.73	\$ 2.68	\$ 115,928.04	Cu.m	43,256.73	\$ 2.68	\$ 115,963.84
204.1	Structure Excavation	Cu.m	2,295.00	\$ 3.52	\$ 8,078.40	Cu.m	2,295.00	\$ 3.52	\$ 8,087.97
204.3	Foundation fill	Cu.m	2,070.00	\$ 2.34	\$ 4,843.80	Cu.m	2,070.00	\$ 2.34	\$ 4,849.00
204.6	Pipe culvert and drain excavation	Cu.m	2,070.00	\$ 3.52	\$ 7,286.40	Cu.m	2,070.00	\$ 3.52	\$ 7,295.03
205.2	Selected Embankment	Cu.m	1,108.71	\$ 27.72	\$ 30,733.44	Cu.m	1,108.71	\$ 27.72	\$ 30,728.63
206.1	Subgrade Preparation (Common Material)	Sq.m	81,688.48	\$ 0.65	\$ 53,097.51	Sq.m	81,688.48	\$ 0.65	\$ 53,503.77
	<i>Sub Total 200</i>				\$ 287,247.23				\$ 287,658.92
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Course	Cu.m	28,497.25	\$ 29.37	\$ 836,964.17	Cu.m	28,497.25	\$ 29.37	\$ 836,984.05
303.1	Aggregate Base Class A	Cu.m	10,388.87	\$ 79.01	\$ 820,824.46	Cu.m	10,388.87	\$ 79.01	\$ 820,862.07
	<i>Sub Total 300</i>				\$ 1,657,788.63				\$ 1,657,846.12
400	SURFACE COURSE								
402	Bituminous Prime Coat IMC-70, Cutback Asphalt	Sq.m	51,944.34	\$ 1.55	\$ 80,513.73	Sq.m	51,944.34	\$ 1.55	\$ 80,506.27
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Sq.m	51,944.34	\$ 29.28	\$ 1,520,930.28	Sq.m	51,944.34	\$ 29.28	\$ 1,520,796.25
	<i>Sub Total 400</i>				\$ 1,601,444.01				\$ 1,601,302.51
500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel	Kg	51,380.93	\$ 1.73	\$ 88,889.01	Kg	51,380.93	\$ 1.73	\$ 88,837.61
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	136.91	\$ 123.08	\$ 16,850.98	Cu.m	136.91	\$ 123.08	\$ 16,850.91
506.1f	Structural Concrete 21 Mpa	Cu.m	381.96	\$ 217.86	\$ 83,213.82	Cu.m	381.96	\$ 217.85	\$ 83,208.81
	<i>Sub Total 500</i>				\$ 108,953.81				\$ 188,897.41
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
604.4a	PVC 2" Dia.	Ln.m	382.05	\$ 2.49	\$ 951.30	Ln.m	382.05	\$ 2.49	\$ 952.21
606	Stone Masonry (1Pc : 3Sh)	Cu.m	3,182.50	\$ 82.19	\$ 261,569.68	Cu.m	3,182.50	\$ 82.19	\$ 261,566.01
	<i>Sub Total 600</i>				\$ 262,520.98				\$ 262,518.3
700	MISCELLANEOUS STRUCTURES								
703.3	Kilometer Post	each	9.00	\$ 27.06	\$ 243.54	each	9.00	\$ 27.06	\$ 243.5
704.3	Metal guardrail (metal beam)	l.m.	130.00	\$ 83.70	\$ 10,881.00	l.m.	130.00	\$ 83.70	\$ 10,880.9
706.2	Regulatory Signs	Each	11.00	\$ 152.04	\$ 1,672.44	Each	11.00	\$ 152.04	\$ 1,672.4
710	Reflectorized Thermoplastic Pavement Markings	Sq.m	3,471.96	\$ 23.14	\$ 80,341.06	Sq.m	3,471.96	\$ 23.14	\$ 80,339.4
	<i>Sub Total 700</i>				\$ 93,138.04				\$ 93,136.4
					TOTAL				\$ 4,151,403.1

NAME OF PROJECT : REHABILITASAUN ESTRADA NACIONAL FATUBERLIO-SAME BETANO (ARTERIAL A14) (STA 30+000 - STA 38+657.39)
PACKAGE V
LOCATION OF PROJECT : POSTU ADMINISTRATIVO FATUBERLIO-ALAS-BETANO, MUNICIPIO MANUFAHI

OVERHEAD

NO	DESKRISAUN	UNIT	QUANTITY	UNIT PRICE	TOTAL
1 PROJECT TEAM					
	Project Manager	Ls	1.00	\$ 3,600.00	\$ 3,600.00
	Site Manager	Ls	1.00	\$ -	\$ -
	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
	Quality Control	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Health, Safety and Environment	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Surveyor	Ls	1.00	\$ 3,000.00	\$ 3,000.00
	Logistics	Ls	1.00	\$ 1,500.00	\$ 1,500.00
	Administration	Ls	1.00	\$ 1,200.00	\$ 1,200.00
	Cleaning Staff	Ls	1.00	\$ 900.00	\$ 900.00
	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00
2 KUSTU OPERASIONAL					
	Stationary	Ls	1.00	\$ 360.00	\$ 360.00
	Communication	Ls	1.00	\$ 720.00	\$ 720.00
	Meetings	Ls	1.00	\$ 360.00	\$ 360.00
	Electricity	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Water	Ls	1.00	\$ 1,440.00	\$ 1,440.00
	Daily, weekly, monthly reports	Ls	1.00	\$ 480.00	\$ 480.00
	Shop drawings, as built drawings	Ls	1.00	\$ 400.00	\$ 400.00
3 KUSTU SERVISU APOIO NIAN					
	Personal protective equipment (PPE)	Ls	1.00	\$ 960.00	\$ 960.00
	Material Sampling & Testing	Ls	1.00	\$ 16,443.00	\$ 16,443.00
TOTAL OVERHEAD					\$ 46,603.00



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
Ministério do Planeamento e Investimento Estratégico
Fundo das Infraestruturas

NOTA DE DESPAICHO

1. ORIGEM DO DOCUMENTO

N Ref; 1610/ GAB.MOP/VIII/2025

Data do Documento : 18 /08 /2025

Proveniência do Documento

GAB.MOP

2. DETALHES DO DOCUMENTO

Data Entrada do Documento: 19/ 8 /2025

Enviado ao:

1. Sr/ Mauricio Borges
2. Sr/a _____
3. Sr/a _____
4. Assessores Nacionais / Internacionais

Assunto:

Pedido Agendamento CAFI

3. INSTRUÇÃO DO DIRETOR DO SGP

Data do Despacho: 19/ 8 /2025

Para Sr/a

1. Sr/a Marcos X
2. Sr/a Marie F
3. Sr/a _____

Despacho:

*Verifique no seu assunto
no grande se KOT*

Assinatura :


Mauricio Borges



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS
Avenida 20 de Maio Dili, Timor-Leste



GABINETE DO MINISTRO DAS OBRAS PÚBLICAS

Dili, 18. de Agosto de 2025

Ref No : 1610 /GAB.MOP/VIII/2025

Hatoó ba : Sua Exceléncia Sr. Gastão Francisco de Sousa
Ministro do Planeamento e Investimento Estratégico e Presidente CAFI

Cc : Sr. Mauricio Borges
Director Secretariado dos Grandes Projectos (SGP)

Asunto : Pedido Agendamento CAFI

Exceléncia,

Refere ba asuntu iha leten, Ministerio das Obras Públicas hato'o ba Sua Exceléncia hodi bele agenda iha reuniaun Conselho de Administração do Fundo das Infraestruturas (CAFI) tuir mai ba projetu hanesan lista aneksu.

Nudar informasaun, projetu hirak ne'e hetan ona verifikasiadaun husi Agência Desenvolvimento Nacional, IP (ADN, IP). (*Kopia resultadu verifikasiadaun ADN, IP aneksu*)

Maka ne'e deit, Exceléncia nia atensaun no serviso hamutuk la haluha hato'o obrigado wain.

Samuel Marcal Jr
Ministro das Obras Públicas



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor-Leste



LISTA PROJETU FUNDO DE INFRAESTRUTURA MINISTERIO DAS OBRAS PUBLICAS
NE'EBE HETAN ONA VERIFIKASAUN HUSI ADN, I.P.

NO.	MUNICIPIO	NARAN PROJETO	MONTANTE ORSAMENTO	OBSERVASAUN
1	Aileu	Road and Drainage Rehabilitation Project Road Section Aileu City (Link II - XII)	\$ 4,687,065.95	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260920: - Reabilitasaun Estrada urbana Aileu)
2	Aileu	Road and Drainage Rehabilitation Project Road Section Aileu City (Link XIII - XXIV)	\$ 1,514,600.25	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260920: - Reabilitasaun Estrada urbana Aileu)
3	Aileu	Road and Drainage Rehabilitation Project Road Section Aileu City (Link I Sta. 0+000 - 3+500)	\$ 2,591,253.84	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260920: - Reabilitasaun Estrada urbana Aileu)
4	Lautem	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot I (Sta 0+000 To 5+000)	\$ 4,624,370.53	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260541 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km))
5	Lautem	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) : Lot II (Sta 5+000 To 10+000)	\$ 3,814,440.01	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260541 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km))
6	Lautem	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot III (Sta 10+000 To 15+000)	\$ 3,837,028.55	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260541 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km))
7	Lautem	Rehabilitation Of Municipal Road (Collector C02) Mehara To Lautem, L = 20.17 Km (Jct. Asalaino – Mehara) Lot IV (Sta 15+000 To 20+170)	\$ 4,373,746.71	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (0260541 - Rehabilitasaun Estrada Municipal, Trisula - Mehara (Lautem) C2, (20.17 Km))
8	Manufahi	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta. 00+000 - Sta 07+500) Package I	\$ 4,375,805.46	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Nuarbora - Betano (A14), 7.5 Km)
9	Manufahi	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 07+500 - Sta. 15+000) Package II	\$ 3,840,664.80	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Nuarbora - Betano (A14), 7.5 Km)
10	Manufahi	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 15+000 - Sta. 22+500) Package III	\$ 3,757,483.31	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Nuarbora - Betano (A14), 7.5 Km)
11	Manufahi	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 22+500 - Sta. 30+000) Package IV	\$ 3,669,237.29	Projetu foun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasaun Estrada Nacional, Nuarbora - Betano (A14), 7.5 Km)



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE

IX GOVERNO CONSTITUCIONAL

MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor-Leste



**LISTA PROJETU FUNDO DE INFRAESTRUTURA MINISTERIO DAS OBRAS PUBLICAS
NE'EBE HETAN ONA VERIFIKASAUN HUSI ADN, I.P.**

NO.	MUNICIPIO	NARAN PROJETO	MONTANTE ORSAMENTO	OBSERVASAUN
12	Manufahi	Reabilitasaun Estrada Nacional Fatuberlio - Same Betano (Arterial A14) (Sta 30+000 - Sta. 38+657.39) Package V	\$ 4,705,409.39	<i>Projetu joun ne'ebe tama iha planu projetu FI Ministerio das Obras Publicas tinan 2025 (026057C - Rehabilitasann Estrada Nacional, Natubarora - Betano (A14), 7.5 Km)</i>
			\$ 45,791,106.03	



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

(C)

Dili, 14 de Agosto de 2025

Ref : 1564 /ADN, I.P./VII/2025

Para : Sr. Eng. Aleixo Amaral do Carmo
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOP

Cc : Sua Exceléncia Sr. Samuel Marçal
Ministro das Obras Públicas

Assunto : Resultado da Verificação – Projeto Upgrading Roads Construction
Culuhun Bridge to Becora Terminal Bridge Package I Sta. 0+000-1+550
Km Suco Culuhun - Kulau, Municipality Dili

Com os nossos Respeitos,

Com base no pedido de verificação com a referência n.º 1084/UIVP-MOP/VII/2025, datado de 25 de Julho de 2025, relacionado ao assunto mencionado acima, informamos que a Equipa de Verificação da Unidade de Avaliação de Projetos da ADN, I.P. procedeu à análise dos documentos submetidos para apreciação. Desta forma, vimos por este meio encaminhar, em anexo, o resultado da verificação efetuada.

Agradecemos a vossa atenção e subscrevemo-nos com a mais elevada consideração.

Januario Maia Guterres
Director Adjunto e Diretor Executivo Interino - ADN, I.P.



Bedik-Hun, Fatuhad;
Dili - Timor-Leste
info@mpie.gov.tl
+670 3310 289

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 29 - 07 - 25	Data do Documentos : 25 - 07 - 25
Husi : MOP - UIVP	
No. Ref : 1084 /UIVP -MOP /VII /2025	
Projecto :	Quantidade Documentos : 1.....
Upgrading Roads construction culuhun Bridge to Becora Terminal Bridge STA. 0+000 km to STA. 1 + 550 km (Package I) suco kuluhun - kulau, posto Administrativo Cristo Rei, Municipio Dili.	Anexo : * BOQ + Dezenho = 1
Assuntos :	NB : USB anexo iha doc nº ref : 1086
No.Tlf : _____	
Companhia : _____	
Despacho :	
<input type="checkbox"/> Unidade de Gestão Administrativa <input checked="" type="checkbox"/> Unidade de Avaliação de Projectos <input type="checkbox"/> Unidade de Controlo e Validação de Qualidade <input type="checkbox"/> Unidade de Estudos e Desenvolvimento de Competências <i>Verifika Iha Anexo</i>	
<input type="checkbox"/> Adjunto <input type="checkbox"/> Assesor/a <input type="checkbox"/> Gabinete DE / Base de Dadus <input type="checkbox"/> Other <i>29/7/25</i>	
Data : <i>JM</i> Januário Maia Guterres Diretor Adjunto e Diretor Executivo Interino ADN I.P.	



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN

NARAN PROJECTO :

Upgrading roads coast. culuhun Bridge e lo
Becorz Terminal Bridge sta. o foso - 1 f550 km
(package I) suco culuhun posto adm. Cristo Rei
municipio Dili

No	DOKUMENTOS NIA NARAN	
1.	Karta Akompanhamento Husi Projecto Nain	✓
2.	Fundo Husi : (LM...FI...PDIM)	
	A. Kapital de Desenvolvimento	
	B. Bens de Servico	
	C. Transferencia Public	
	D. Other :	✓
3.	Alokasaun Orsamento ba Sa Tinan	✓
4.	Programa Orsamento	
5.	TOR ou Justifikasau kona ba projetu ne'be atu implementa.	✓
6.	Titik Koordinat husi Projecto neébe atu implementa	✓
7.	Desenhu tenke iha HVS Medida A3 no hetan Aprovasaun husi Projetu Nain no Ministerio (MOP)	✓
8.	Cost Estimasaun ho BOQ Tenke Hetan Aprovasaun Husi Projetu Nain ou Ministerio (MOP)	✓
9.	Unit Price Analisis	✓
10.	Backup Quantidade	✓
11.	Spesifikasi Teknik	
12.	Soft Copy (BOQ iha Excel) no (Desenho iha Auto Cad) USB <i>Anexo 1ha</i> <i>Doc. No. RCF : 1086</i>	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	✓



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE
STA.0+000km TO STA. 1+550km (PACKAGE I)

SECTION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

SECTION NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN,I.P. AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ 49,800.50	\$ 8,915.68
200	EARTHWORKS	\$ 226,272.57	\$ 172,550.61
300	SUB BASE AND BASE COURSE	\$ 267,942.31	\$ 184,132.16
400	SURFACE COURSE	\$ 1,643,208.31	\$ 1,286,753.51
500	BRIDGE CONSTRUCTION	\$ 594,988.85	\$ 506,125.48
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 684,661.39	\$ 533,135.71
700	MISCELLANEOUS STRUCTURES	\$ 185,636.05	\$ 137,619.08
800	BIOENGINEERING	\$ 2,502.68	\$ 2,502.68
1001	DAYWORK	\$ 190,837.60	\$ 179,135.00
A	Estimated Direct Cost (EDC)	\$ 3,845,850.26	\$ 3,010,869.92
B	Profit 10% of (A)	\$ 384,585.03	\$ 301,086.99
C	Overhead		\$ 41,123.00
D	Tax 2% (A+B + C)	\$ 84,608.71	\$ 67,061.60
E	Bid Price Carried Forward to From of Bid (A + B + C + D)	\$ 4,315,043.99	\$ 3,420,141.51

Verified By :

Eng. Domingos Soares Martins
Engineer. UAP - ADN.IP

Eng. Olívio M.da Silva Correia
Electrical Engineer. UAP - ADN.IP

Checked By :

Eng. Rogerio M. Pires
Chefe Departamento ITIAS UAP - ADN.IP

Certified By : 13/8/25

Arch. José Fernando Liu Soares
Coordenador. UAP - ADN.IP



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE STA.0+000km TO STA. 1+550km (PACKAGE I)

LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN.I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100 GENERAL REQUIREMENTS									
102.1	Mobilization	Ls	1.000	\$ 8,780.00	\$ 8,780.00	Ls	1.00	\$ 4,970.68	\$ 4,970.68
102.2	Demobilization	Ls	1.000	\$ 2,634.00	\$ 2,634.00	Ls	1.00	\$ 3,945.00	\$ 3,945.00
106	Laboratory Testing Services	Ls	1.000	\$ 15,307.50	\$ 15,307.50				
108	Traffic Management & Safety	Ls	1.000	\$ 6,275.00	\$ 6,275.00				
109	Field Engineering	Ls	1.000	\$ 16,804.00	\$ 16,804.00				
<i>Sub Total 100</i>					\$ 49,800.50				\$ 8,915.68
200 EARTHWORKS									
201.5	Individual Removal of Tree (giant)	Each	22.000	\$ 1,616.18	\$ 35,555.96	Each	22.00	\$ 780.91	\$ 17,179.98
202.3	Removal of Pavement, side walks, curbs, etc	Sqm	3,588.000	\$ 2.77	\$ 9,938.76	Sqm	3588.00	\$ 2.91	\$ 10,448.19
202.3a	Excavation of Pavement with Asphalt Machine Cutter	Cum	290.700	\$ 64.21	\$ 18,665.85	Cum	290.70	\$ 29.12	\$ 8,465.13
203.1	Unsuitable Excavation	Cum	13,830.350	\$ 5.37	\$ 74,268.98	Cum	13830.35	\$ 5.42	\$ 74,972.04
205.2	Selected Embankment	Cum	3,601.600	\$ 24.39	\$ 87,843.02	Cum	3601.60	\$ 17.07	\$ 61,485.28
<i>Sub Total 200</i>					\$ 226,272.57				\$ 172,550.61
300 SUB BASE AND BASE COURSE									
301	Aggregate Subbase Course thick 30 cm	Cum	3,208.890	\$ 37.16	\$ 119,242.35	Cum	3208.89	\$ 18.73	\$ 60,091.91
303.1	Aggregate Base Class A thick 20 cm	Cum	2,139.260	\$ 69.51	\$ 148,699.96	Cum	2139.26	\$ 57.98	\$ 124,040.25
<i>Sub Total 300</i>					\$ 267,942.31				\$ 184,132.16
400 SURFACE COURSE									
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sqm	24,230.000	\$ 2.28	\$ 55,244.40	Sqm	24230.00	\$ 1.38	\$ 33,480.28
403	Bituminous Tack Coat (RC , Cutback Asphalt)	Sqm	24,400.000	\$ 1.64	\$ 40,016.00	Sqm	24400.00	\$ 0.81	\$ 19,826.66
411(5a)	Asphalt Concrete Wearing Course (AC-WC), 40mm thick	Sqm	24,400.000	\$ 33.98	\$ 829,112.00	Sqm	24400.00	\$ 19.98	\$ 487,576.28
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Cum	976.000	\$ 568.66	\$ 555,012.16	Cum	976.00	\$ 465.01	\$ 453,849.10
411(6b)	Asphalt Concrete Binder Course Leveling (AC-BC(L))	Cum	627.990	\$ 260.87	\$ 163,823.75	Cum	627.99	\$ 465.01	\$ 292,021.20
<i>Sub Total 400</i>					\$ 1,643,208.31				\$ 1,286,753.51
500 BRIDGE CONSTRUCTION									
505	Reinforcing Steel	Kg	30,000.218	\$ 1.85	\$ 55,500.40	Kg	30000.22	\$ 1.59	\$ 47,640.35
506.1a	Structural Concrete 25 Mpa	Cum	986.220	\$ 263.69	\$ 260,056.35	Cum	986.22	\$ 213.50	\$ 210,553.64
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cum	286.360	\$ 101.19	\$ 28,976.77	Cum	286.36	\$ 102.06	\$ 29,225.69
506.1e	Structural Concrete Cyclop 21 Mpa	Cum	642.130	\$ 202.14	\$ 129,800.16	Cum	642.13	\$ 176.40	\$ 113,268.95
506.1f	Structural Concrete 21 Mpa	Cum	574.740	\$ 209.95	\$ 120,655.17	Cum	574.74	\$ 183.45	\$ 105,436.84
<i>Sub Total 500</i>					\$ 594,988.85				\$ 506,125.48
600 DRAINAGE AND SLOPE PROTECTION STRUCTURES									
601(1h)	RCPC 1200mm diameter	Lnm	130.000	\$ 491.78	\$ 63,931.40	Lnm	130.00	\$ 387.94	\$ 50,432.57
601(1m)	Reinforced Concrete U-Ditch & Concrete Cover (60cm x 60cmx100cm)	Lnm	580.000	\$ 256.10	\$ 148,538.00	Lnm	580.00	\$ 184.29	\$ 106,886.49
601(1n)	Concrete Precast Lined Drain 25 Mpa (40x40cm) thick 10 cm	Lnm	850.000	\$ 185.44	\$ 157,624.00	Lnm	850.00	\$ 152.27	\$ 129,431.92
601(1o)	Concrete Precast Lined Drain 25 Mpa (70x70cm) thick 12 cm	Lnm	850.000	\$ 296.34	\$ 251,889.00	Lnm	850.00	\$ 233.03	\$ 198,072.15
603(1)a	Manhole Cover - Metal Frame and Steel Grating Cover, 60 x 60cm	set	210.000	\$ 179.28	\$ 37,648.80	set	210.00	\$ 145.81	\$ 30,620.10
603.5c	Metal Frames and Gratings, SG455/30/50	Pair	210.000	\$ 105.62	\$ 22,180.20	Pair	210.00	\$ 76.33	\$ 16,030.17
604.4d	PVC 6" Dia	Lnm	139.500	\$ 204.43	\$ 2,849.99	Lnm	139.50	\$ 11.92	\$ 1,662.32
<i>Sub Total 600</i>					\$ 684,661.39				\$ 533,135.71

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN.J.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
700	MISCELLANEOUS STRUCTURES								
702b	Accessible Sidewalks	Sq m	918.000	\$ 23.21	\$ 21,306.78	Sq.m	918.00	\$ 21.80	\$ 20,012.40
706.2	Regulatory Signs	Each	17.000	\$ 173.86	\$ 2,955.62	Each	17.00	\$ 145.00	\$ 2,465.00
706.3	Informatory Signs	Each	1.000	\$ 205.10	\$ 205.10	Each	1.00	\$ 145.00	\$ 145.00
710	Reflectorized Thermoplastic Pavement Markings	Sq m	1,362.000	\$ 47.60	\$ 64,831.20	Sq.m	1362.00	\$ 21.37	\$ 29,105.71
710.2	Double Arm Street Lighting Lamp 50 Watt Sodium Type, Refers to the Specification (Indonesian Standard/SNI)	Unit	50.000	\$ 1,292.06	\$ 64,603.00	Unit	50.00	\$ 1,083.13	\$ 54,156.63
714.5	Halte Busway for 8 Location	Ls	1.000	\$ 31,734.35	\$ 31,734.35	Ls	1.000	\$ 31,734.35	\$ 31,734.35
<i>Sub Total 700</i>					\$ 185,636.05				\$ 137,619.08
800	BIOENGINEERING								
805.4a	Planting of Tree (Pucuk Merah)	Each	89.000	\$ 28.12	\$ 2,502.68	Each	89.00	\$ 28.12	\$ 2,502.68
<i>Sub Total 800</i>					\$ 2,502.68				\$ 2,502.68
1001	DAYWORK								
1001(2)	Unskilled Laborer	Hour	2,080.000	\$ 0.72	\$ 1,497.60	Hour	2080.00	\$ 1.00	\$ 2,080.00
1001(23)	Hydraulic Excavator, 0.90 cu.m.	Hour	852.000	\$ 90.00	\$ 76,680.00	Hour	852.00	\$ 93.75	\$ 79,875.00
1001(25)	Wheel Loader, 3.00 cu.m.	Hour	172.000	\$ 90.00	\$ 15,480.00	Hour	172.00	\$ 75.00	\$ 12,900.00
1001(26)	Dump Truck, 6 - 8 ton	Hour	860.000	\$ 50.00	\$ 43,000.00	Hour	860.00	\$ 35.00	\$ 30,100.00
1001(27)	Dump Truck, 12-15 ton	Hour	860.000	\$ 45.00	\$ 38,700.00	Hour	860.00	\$ 45.00	\$ 38,700.00
1001(30)	Water Tank Truck with Pump, 5000 Ltr	Hour	344.000	\$ 45.00	\$ 15,480.00	Hour	344.00	\$ 45.00	\$ 15,480.00
<i>Sub Total 1001</i>					\$ 190,837.60				\$ 179,135.00
TOTAL					\$ 3,845,850.26				\$ 3,010,869.92



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE
STA.0+000km TO STA. 1+550km (PACKAGE I)

LOCATION : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DIU

OVERHEAD

NO.	ITEM DESCRIPTION	VERIFIED BY ADN,I.P.			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)
I	PROJECT TEAM				
	STAFF TEKNIKU				
1	Site Engineer	LS	1	\$ 9,000.00	\$ 9,000.00
2	Quality Control	LS	1	\$ 4,500.00	\$ 4,500.00
3	Surveyor	LS	1	\$ 4,500.00	\$ 4,500.00
	STAFF APOIO SERVISU				
1	Logistics	LS	1	\$ 2,250.00	\$ 2,250.00
2	Administration	LS	1	\$ 1,800.00	\$ 1,800.00
3	Security	LS	1	\$ 2,700.00	\$ 2,700.00
II	KUSTU OPERASIONAL				
	OPERATIONAL OFFICE				
1	Stationary	LS	1	\$ 360.00	\$ 360.00
2	Communication	LS	1	\$ 540.00	\$ 540.00
3	Meetings	LS	1	\$ 360.00	\$ 360.00
4	Electricity	LS	1	\$ 1,080.00	\$ 1,080.00
5	Water	LS	1	\$ 1,080.00	\$ 1,080.00
	RELATORIOS				
1	Daily, weekly, monthly reports	LS	1	\$ 360.00	\$ 360.00
2	Shop drawings, as built drawings	LS	1	\$ 200.00	\$ 200.00
III	KUSTU SERVISU APOIO NIAN				
1	Material Sampling & Testing	LS	1	\$ 11,673.00	\$ 11,673.00
2	Personal protective equipment (PPE)	LS	1	\$ 720.00	\$ 720.00
	TOTAL				\$ 41,123.00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE
STA.0+000km TO STA. 1+550km (PACKAGE I)

LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

SECTION NO.	DESCRIPTION	AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ -
200	EARTHWORKS	\$ -
300	SUB BASE AND BASE COURSE	\$ -
400	SURFACE COURSE	\$ -
500	BRIDGE CONSTRUCTION	\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ -
700	MISCELLANEOUS STRUCTURES	\$ -
800	BIOENGINEERING	\$ -
1001	DAYWORK	\$ -
A	Estimated Direct Cost (EDC)	\$ -
B	Profit 10% of (A)	\$ -
C	Overhead	\$ -
D	Tax 2% (A+B + C)	\$ -
E	Bid Price Carried Forward to From of Bid (A + B + C + D)	\$ -

BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE STA.0+000km TO STA. 1+550km (PACKAGE I)

LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS				
102.1	Mobilization	Ls	1.00	\$ -	\$ -
102.2	Demobilization	Ls	1.00	\$ -	\$ -
<i>Sub Total 100</i>					\$ -
200	EARTHWORKS				
201.5	Individual Removal of Tree (giant)	Each	22.00	\$ -	\$ -
202.3	Removal of Pavement, side walks, curbs, etc	Sq.m	3588.00	\$ -	\$ -
202.3a	Excavation of Pavement with Asphalt Machine Cutter	Cum	290.70	\$ -	\$ -
203.1	Unsuitable Excavation	Cum	13830.35	\$ -	\$ -
205.2	Selected Embankment	Cum	3601.60	\$ -	\$ -
<i>Sub Total 200</i>					\$ -
300	SUB BASE AND BASE COURSE				
301	Aggregate Subbase Course thick 30 cm	Cu.m	3208.89	\$ -	\$ -
303.1	Aggregate Base Class A thick 20 cm	Cu.m	2139.26	\$ -	\$ -
<i>Sub Total 300</i>					\$ -
400	SURFACE COURSE				
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	24230.00	\$ -	\$ -
403	Bituminous Tack Coat (RC , Cutback Asphalt)	Sq.m	24400.00	\$ -	\$ -
411(5a)	Asphalt Concrete Wearing Course (AC-WC), 40mm thick	Sq.m	24400.00	\$ -	\$ -
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Cu.m	976.00	\$ -	\$ -
411(6b)	Asphalt Concrete Binder Course Leveling (AC-BC(L))	Cu.m	627.99	\$ -	\$ -
<i>Sub Total 400</i>					\$ -
500	BRIDGE CONSTRUCTION				
505	Reinforcing Steel	Kg	30000.22	\$ -	\$ -
506.1a	Structural Concrete 25 Mpa	Cu.m	986.22	\$ -	\$ -
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	286.36	\$ -	\$ -
506.1e	Structural Concrete Cyclop 21 Mpa	Cu.m	642.13	\$ -	\$ -
506.1f	Structural Concrete 21 Mpa	Cu.m	574.74	\$ -	\$ -
<i>Sub Total 500</i>					\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1h)	RCPC 1200mm diameter	Ln.m	130.00	\$ -	\$ -
601(1m)	Reinforced Concrete U-Ditch & Concrete Cover (60cm x 60cmx100cm)	Ln.m	580.00	\$ -	\$ -
601(1n)	Concrete Precast Lined Drain 25 Mpa (40x40cm) thick 10 cm	Ln.m	850.00	\$ -	\$ -
601(1o)	Concrete Precast Lined Drain 25 Mpa (70x70cm) thick 12 cm	Ln.m	850.00	\$ -	\$ -
603(1)a	Manhole Cover - Metal Frame and Steel Grating Cover, 60 x 60cm	set	210.00	\$ -	\$ -
603.5c	Metal Frames and Gratings, SG455/30/50	Pair	210.00	\$ -	\$ -
604.4d	PVC 6" Dia.	Ln.m	139.50	\$ -	\$ -
<i>Sub Total 600</i>					\$ -

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
700	MISCELLANEOUS STRUCTURES				
702b	Accessible Sidewalks	Sq m	918.00	\$ -	\$ -
706.2	Regulatory Signs	Each	17.00	\$ -	\$ -
706.3	Informatory Signs	Each	1.00	\$ -	\$ -
710	Reflectorized Thermoplastic Pavement Markings	Sq m	1362.00	\$ -	\$ -
710.2	Double Arm Street Lighting Lamp 50 Watt Sodium Type, <i>Refers to the Specification (Indonesian Standard/SNI)</i>	Unit	50.00	\$ -	\$ -
714.5	Halte Busway for 8 Location	Ls	1.00	\$ -	\$ -
<i>Sub Total 700</i>					\$ -
800	BIOENGINEERING				
805.4a	Planting of Tree (Pucuk Merah)	Each	89.00	\$ -	\$ -
<i>Sub Total 800</i>					\$ -
1001	DAYWORK				
1001(2)	Unskilled Laborer	Hour	2080.00	\$ -	\$ -
1001(23)	Hydraulic Excavator, 0.90 cu.m.	Hour	852.00	\$ -	\$ -
1001(25)	Wheel Loader, 3.00 cu.m.	Hour	172.00	\$ -	\$ -
1001(26)	Dump Truck, 6 - 8 ton	Hour	860.00	\$ -	\$ -
1001(27)	Dump Truck, 12-15 ton	Hour	860.00	\$ -	\$ -
1001(30)	Water Tank Truck with Pump, 5000 Ltr	Hour	344.00	\$ -	\$ -
<i>Sub Total 1001</i>					\$ -
TOTAL					\$ -



ACÈNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : UPGRADE ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE
STA.0+000km TO STA. 1+550km (PACKAGE I)

LOCATION : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILU

OVERHEAD

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)
I	PROJECT TEAM				
	STAFF TEKNIKU				
1	Site Engineer	LS	1	\$ -	\$ -
2	Quality Control	LS	1	\$ -	\$ -
3	Surveyor	LS	1	\$ -	\$ -
	STAFF APOIO SERVISU				
1	Logistics	LS	1	\$ -	\$ -
2	Administration	LS	1	\$ -	\$ -
3	Security	LS	1	\$ -	\$ -
II	KUSTU OPERASIONAL				
	OPERATIONAL OFFICE				
1	Stationary	LS	1	\$ -	\$ -
2	Communication	LS	1	\$ -	\$ -
3	Meetings	LS	1	\$ -	\$ -
4	Electricity	LS	1	\$ -	\$ -
5	Water	LS	1	\$ -	\$ -
	RELATORIOS				
1	Daily, weekly, monthly reports	LS	1	\$ -	\$ -
2	Shop drawings, as built drawings	LS	1	\$ -	\$ -
III	KUSTU SERVISU APOIO NIAN				
1	Material Sampling & Testing	LS	1	\$ -	\$ -
2	Personal protective equipment (PPE)	LS	1	\$ -	\$ -
	TOTAL				\$ -

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AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 4 de Agosto de 2025

Ref : 1563 /ADN, I.P./VII/2025

Para : Sr. Eng. Aleixo Amaral do Carmo
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOP

Cc : Sua Exelêncie Sr. Samuel Marçal
Ministro das Obras Públicas

Assunto : Resultado da Verificação – Projeto Upgrading Roads Construction
Culuhun Bridge to Becora Terminal Bridge Package II Sta. 1+550-3+100
Km Suco Culuhun - Kulau, Municipality Dili

Com os nossos Respeitos,

Com base no pedido de verificação com a referência n.º 1082/UIVP-MOP/VII/2025, datado de 25 de Julho de 2025, relacionado ao assunto mencionado acima, informamos que a Equipa de Verificação da Unidade de Avaliação de Projetos da ADN, I.P. procedeu à análise dos documentos submetidos para apreciação. Desta forma, vimos por este meio encaminhar, em anexo, o resultado da verificação efetuada.

Agradecemos a vossa atenção e subscrevemo-nos com a mais elevada consideração.

Januario Maia Guterres
Director Adjunto e Director Executivo Interino - ADN, I.P.



Bedik-Hun, Fatuhad;
Dili – Timor-Leste
info@mpie.gov.tl
+670 3310 289

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 29-07-2025 Data do Documentos : 25-07-25

Husi : MOP - UIUP

No. Ref : 1082 / UIUP - MOP / VII / 2025

Projecto : Upgrading Roads Construction
Kuuhun Bridge to Becora
Terminal Bridge Sta 1 + 550 km
- Sta 3 + 100 km (Package II)
Suco Kuuhun - Kuau - Dili
Municipality

Quantidade Documentos1.....

Anexo :

* Boa + Desenho : 1

NIB : Soft copy Anexo Iba
Doc. ho No. 1ref 1086

Assuntos :

Pedido Verificação

No.Tlf : -

Companhia : -

Despacho :

- Unidade de Gestão Administrativa
- Unidade de Avaliação de Projectos
- Unidade de Controlo e Validação de Qualidade
- Unidade de Estudos e Desenvolvimento de Competências

Verifico Reemb. ihs Anexo

- Adjunto
- Assessor/a
- Gabinete DE / Base de Dadus
- Other

Data :29/7/25


Januario Maia Guterres
Diretor Adjunto e Diretor Executivo
Interino ADN I.P.



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN

NARAN PROJECTO :

Upgrading Roads Construction Culuhun
Bridge to Becora Terminal Bridge
Sta 1 + 550 km - Sta 3 + 100 km (Package II)

No	DOKUMENTOS NIA NARAN Suku Kuluhun + Kulau
1.	Karta Akompanhamento Husi Projecto Nain <input checked="" type="checkbox"/>
2.	Fundo Husi : (LM...FI...PDIM) <input type="checkbox"/>
	A. Kapital de Desenvolvimento <input type="checkbox"/>
	B. Bens de Servico <input type="checkbox"/>
	C. Transferencia Public <input type="checkbox"/>
	D. Other : Emergency <input checked="" type="checkbox"/>
3.	Alokasaun Orsamento ba Sa Tinan <input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	Programa Orsamento <input type="checkbox"/>
5.	TOR ou Justifikasau kona ba projetu ne'be atu implementa. <input checked="" type="checkbox"/>
6.	Titik Koordinat husi Projecto neébe atu implementa <input checked="" type="checkbox"/>
7.	Desenhu tenke iha HVS Medida A3 no hetan Aprovasaun husi Projetu Nain no Ministerio (MOP) <input checked="" type="checkbox"/>
8.	Cost Estimasaun ho BOQ Tenke Hetan Aprovasaun Husi Projetu Nain ou Ministerio (MOP) <input checked="" type="checkbox"/>
9.	Unit Price Analisis <input checked="" type="checkbox"/>
10.	Backup Quantidade <input checked="" type="checkbox"/>
11.	Spesifikasi Teknik <input type="checkbox"/>
12.	Soft Copy (BOQ iha Excel) no (Desenho iha Auto Cad) USB Anexo Iha Doc. Ref. 1086 <input checked="" type="checkbox"/>
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain <input checked="" type="checkbox"/>



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE
STA.1+550km TO STA. 3+100km (PACKAGE II)
LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

SECTION NO.	DESCRIPTION	OWNER ESTIMATE AMOUNT (\$)	VERIFIED BY ADN,I.P. AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ 49,800.50	\$ 8,915.68
200	EARTHWORKS	\$ 251,971.68	\$ 198,511.87
300	SUB BASE AND BASE COURSE	\$ 300,386.98	\$ 206,772.02
400	SURFACE COURSE	\$ 1,624,066.10	\$ 1,092,060.74
500	BRIDGE CONSTRUCTION	\$ 849,147.69	\$ 724,507.99
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 668,326.59	\$ 527,628.78
700	MISCELLANEOUS STRUCTURES	\$ 205,780.79	\$ 146,303.56
800	BIOENGINEERING	\$ 2,390.20	\$ 2,390.20
1001	DAYWORK	\$ 270,498.40	\$ 253,455.00
A	Estimated Direct Cost (EDC)	\$ 4,222,368.93	\$ 3,160,545.84
B	Profit 10% of (A)	\$ 422,236.89	\$ 316,054.58
C	Overhead		\$ 42,461.00
D	Tax 2% (A+B + C)	\$ 92,892.12	\$ 70,381.23
E	Bid Price Carried Forward to From of Bid (A + B + C + D)	\$ 4,737,497.94	\$ 3,589,442.65

Verified By :

Eng. Domingos Soares Martins
Engineer. UAP - ADN.IP

Eng. Olivio M.da Silva Correia
Electrical Engineer. UAP - ADN.IP

Checked By :

Eng. Rogerio M. Pires
Chefe Departamento ITIAS UAP - ADN.IP

Certified By :

Arch. José Fernando Liu Soares
Coordenador. UAP - ADN.IP
13/8/2025



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE STA.1+550km TO STA. 3+100km (PACKAGE II)
 LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN,I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100 GENERAL REQUIREMENTS									
102.1	Mobilization	Ls	1.000	\$ 8,780.00	\$ 8,780.00	Ls	1.00	\$ 4,970.68	\$ 4,970.68
102.2	Demobilization	Ls	1.000	\$ 2,634.00	\$ 2,634.00	Ls	1.00	\$ 3,945.00	\$ 3,945.00
106	Laboratory Testing Services	Ls	1.000	\$ 15,307.50	\$ 15,307.50				
108	Traffic Management & Safety	Ls	1.000	\$ 6,275.00	\$ 6,275.00				
109	Field Engineering	Ls	1.000	\$ 16,804.00	\$ 16,804.00				
<i>Sub Total 100</i>					\$ 49,800.50				\$ 8,915.68
200 EARTHWORKS									
201.5	Individual Removal of Tree (giant)	Each	22.000	\$ 1,616.18	\$ 35,555.96	Each	22.00	\$ 780.91	\$ 17,179.98
202.3	Removal of Pavement, side walks, curbs, etc	Sq.m	6912.000	\$ 2.77	\$ 19,346.24	Sq.m	6912.00	\$ 2.91	\$ 20,127.61
202.3a	Excavation of Pavement with Asphalt Machine Cutter	Cu.m	294.500	\$ 64.21	\$ 18,909.85	Cu.m	294.50	\$ 29.12	\$ 8,575.78
203.1	Unsuitable Excavation	Cu.m	16,717.450	\$ 5.37	\$ 89,772.71	Cu.m	16717.45	\$ 5.42	\$ 90,622.53
205.2	Selected Embankment	Cu.m	3,632.100	\$ 24.39	\$ 88,586.92	Cu.m	3632.10	\$ 17.07	\$ 62,005.97
<i>Sub Total 200</i>					\$ 251,971.68				\$ 198,511.87
300 SUB BASE AND BASE COURSE									
301	Aggregate Subbase Course thick 30 cm	Cu.m	3,569.445	\$ 37.16	\$ 132,640.58	Cu.m	3569.45	\$ 18.73	\$ 66,843.92
303.1	Aggregate Base Class A thick 20 cm	Cu.m	2,413.270	\$ 69.51	\$ 167,746.40	Cu.m	2413.27	\$ 57.98	\$ 139,928.11
<i>Sub Total 300</i>					\$ 300,386.98				\$ 206,772.02
400 SURFACE COURSE									
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	26,312.500	\$ 2.28	\$ 59,992.50	Sq.m	26312.50	\$ 1.38	\$ 36,357.81
403	Bituminous Tack Coat (RC , Cutback Asphalt)	Sq.m	26,797.500	\$ 1.64	\$ 43,947.90	Sq.m	26797.50	\$ 0.81	\$ 21,774.79
411(5a)	Asphalt Concrete Wearing Course (AC-WC), 40mm thick	Sq.m	26,797.500	\$ 33.98	\$ 910,579.05	Sq.m	26797.50	\$ 19.98	\$ 535,484.64
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Cu.m	1,071.900	\$ 568.66	\$ 609,546.65	Cu.m	1071.90	\$ 465.01	\$ 498,443.49
<i>Sub Total 400</i>					\$ 1,624,066.10				\$ 1,092,060.74
500 BRIDGE CONSTRUCTION									
505	Reinforcing Steel	Kg	61,890.938	\$ 1.85	\$ 114,498.24	Kg	61890.94	\$ 1.59	\$ 98,282.81
506.1a	Structural Concrete 25 Mpa	Cu.m	1,169.910	\$ 263.69	\$ 308,493.57	Cu.m	1169.91	\$ 213.50	\$ 249,770.65
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	329.060	\$ 101.19	\$ 32,386.87	Cu.m	320.06	\$ 102.06	\$ 32,665.09
506.1e	Structural Concrete Cyclop 21 Mpa	Cu.m	1,261.580	\$ 202.14	\$ 255,015.78	Cu.m	1261.58	\$ 176.40	\$ 222,537.25
506.1f	Structural Concrete 21 Mpa	Cu.m	660.950	\$ 209.93	\$ 138,753.23	Cu.m	660.95	\$ 183.45	\$ 121,252.19
<i>Sub Total 500</i>					\$ 849,147.69				\$ 724,507.99
600 DRAINAGE AND SLOPE PROTECTION STRUCTURES									
601(1h)	RCPC 1200mm diameter	Ln.m	250.000	\$ 491.78	\$ 122,945.00	Ln.m	250.00	\$ 387.94	\$ 96,985.72
601(1n)	Concrete Precast Lined Drain 25 Mpa (40x40cm)	Ln.m	410.000	\$ 185.44	\$ 76,030.40	Ln.m	410.00	\$ 152.27	\$ 62,431.87
601(1o)	Concrete Precast Lined Drain 25 Mpa (70x70cm)	Ln.m	1,430.000	\$ 296.34	\$ 423,766.20	Ln.m	1430.00	\$ 233.03	\$ 333,227.26
603(1)a	Manhole Cover - Metal Frame and Steel Grating Cover, 60 x 60cm	set	150.000	\$ 179.28	\$ 26,892.00	set	150.00	\$ 145.81	\$ 21,871.50
603.5c	Metal Frames and Gratings, SG455/30/50	Pair	150.000	\$ 105.62	\$ 15,843.00	Pair	150.00	\$ 76.33	\$ 11,450.12
604.4d	PVC 6" Dia.	Ln.m	139.500	\$ 20.43	\$ 2,849.99	Ln.m	139.50	\$ 11.92	\$ 1,662.32
<i>Sub Total 600</i>					\$ 668,326.59				\$ 527,628.78
700 MISCELLANEOUS STRUCTURES									
702b	Accessible Sidewalks	Sq.m	870.000	\$ 23.21	\$ 20,192.70	Sq.m	870.00	\$ 21.80	\$ 18,966.00
706.2	Regulatory Signs	Each	19.000	\$ 173.86	\$ 3,303.34	Each	19.00	\$ 145.00	\$ 2,755.00
706.3	Informatory Signs	Each	2.000	\$ 205.10	\$ 410.20	Each	2.00	\$ 145.00	\$ 290.00
710	Reflectorized Thermoplastic Pavement Markings	Sq.m	1,797.000	\$ 47.60	\$ 85,537.20	Sq.m	1797.00	\$ 21.37	\$ 38,401.58
710.2	Double Arm Street Lighting Lamp 50 Watt Sodium Type. Refers to the Specification (Indonesian Standard/SNI)	Unit	50.000	\$ 1,292.06	\$ 64,603.00	Unit	50.00	\$ 1,083.13	\$ 54,156.63
714.5	Halte Busway for 8 Location	Ls	1.000	\$ 31,734.35	\$ 31,734.35	Ls	1.000	\$ 31,734.35	\$ 31,734.35
<i>Sub Total 700</i>					\$ 205,780.79				\$ 146,303.56

BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE STA.1+550km TO STA. 3+100km (PACKAGE II)
LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN.I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
800	BIOENGINEERING								
825.4a	Planting of Tree (Pucuk Merah)	Each	85.000	\$ 28.12	\$ 2,390.20	Each	85.00	\$ 28.12	\$ 2,390.20
	<i>Sub Total 800</i>				\$ 2,390.20				\$ 2,390.20
1001	DAYWORK								
1001(2)	Unskilled Laborer	Hour	1,220.000	\$ 0.72	\$ 878.40	Hour	1220.00	\$ 1.00	\$ 1,220.00
1001(23)	Hydraulic Excavator, 0.90 cu.m.	Hour	1,220.000	\$ 90.00	\$ 109,800.00	Hour	1220.00	\$ 93.75	\$ 114,375.00
1001(25)	Wheel Loader, 3.00 cu.m.	Hour	244.000	\$ 90.00	\$ 21,960.00	Hour	244.00	\$ 75.00	\$ 18,300.00
1001(26)	Dump Truck, 6 - 8 ton	Hour	1,220.000	\$ 50.00	\$ 61,000.00	Hour	1220.00	\$ 35.00	\$ 42,700.00
1001(27)	Dump Truck, 12-15 ton	Hour	1,220.000	\$ 45.00	\$ 54,900.00	Hour	1220.00	\$ 45.00	\$ 54,900.00
1001(30)	Water Tank Truck with Pump, 5000 Ltr	Hour	488.000	\$ 45.00	\$ 21,960.00	Hour	488.00	\$ 45.00	\$ 21,960.00
	<i>Sub Total 1001</i>				\$ 270,498.40				\$ 253,455.00
TOTAL					\$ 4,222,368.93				\$ 3,160,545.84



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE
STA.1+550km TO STA. 3+100km (PACKAGE II)

LOCATION : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DIU

OVERHEAD

NO.	ITEM DESCRIPTION	VERIFIED BY ADN,I.P.			
		UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
I	PROJECT TEAM				
	STAFF TEKNIKU				
1	Site Engineer	LS	1	\$ 9,000.00	\$ 9,000.00
2	Quality Control	LS	1	\$ 4,500.00	\$ 4,500.00
3	Surveyor	LS	1	\$ 4,500.00	\$ 4,500.00
	STAFF APOIO SERVISU				
1	Logistics	LS	1	\$ 2,250.00	\$ 2,250.00
2	Administration	LS	1	\$ 1,800.00	\$ 1,800.00
3	Security	LS	1	\$ 2,700.00	\$ 2,700.00
II	KUSTU OPERASIONAL				
	OPERATIONAL OFFICE				
1	Stationary	LS	1	\$ 360.00	\$ 360.00
2	Communication	LS	1	\$ 540.00	\$ 540.00
3	Meetings	LS	1	\$ 360.00	\$ 360.00
4	Electricity	LS	1	\$ 1,080.00	\$ 1,080.00
5	Water	LS	1	\$ 1,080.00	\$ 1,080.00
	RELATORIOS				
1	Daily, weekly, monthly reports	LS	1	\$ 360.00	\$ 360.00
2	Shop drawings, as built drawings	LS	1	\$ 200.00	\$ 200.00
III	KUSTU SERVISU APOIO NIAN				
1	Material Sampling & Testing	LS	1	\$ 13,011.00	\$ 13,011.00
2	Personal protective equipment (PPE)	LS	1	\$ 720.00	\$ 720.00
	TOTAL				\$ 42,461.00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE
STA.1+550km TO STA. 3+100km (PACKAGE II)
LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

SECTION NO.	DESCRIPTION	AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ -
200	EARTHWORKS	\$ -
300	SUB BASE AND BASE COURSE	\$ -
400	SURFACE COURSE	\$ -
500	BRIDGE CONSTRUCTION	\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ -
700	MISCELLANEOUS STRUCTURES	\$ -
800	BIOENGINEERING	\$ -
1001	DAYWORK	\$ -
A	Estimated Direct Cost (EDC)	\$ -
B	Profit 10% of (A)	\$ -
C	Overhead	\$ -
D	Tax 2% (A+B + C)	\$ -
E	Bid Price Carried Forward to From of Bid (A + B + C + D)	\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITIES

NAME OF PROJECT : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE STA.I+550km TO STA. 3+100km
 (PACKAGE II)

LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS				
102.1	Mobilization	Ls	1.00	\$ -	\$ -
102.2	Demobilization	Ls	1.00	\$ -	\$ -
<i>Sub Total 100</i>					\$ -
200	EARTHWORKS				
201.5	Individual Removal of Tree (giant)	Each	22.00	\$ -	\$ -
202.3	Removal of Pavement, side walks, curbs, etc	Sq.m	6912.00	\$ -	\$ -
202.3a	Excavation of Pavement with Asphalt Machine Cutter	Cu.m	294.50	\$ -	\$ -
203.1	Unsuitable Excavation	Cu.m	16717.45	\$ -	\$ -
205.2	Selected Embankment	Cu.m	3632.10	\$ -	\$ -
<i>Sub Total 200</i>					\$ -
300	SUB BASE AND BASE COURSE				
301	Aggregate Subbase Course thick 30 cm	Cu.m	3569.45	\$ -	\$ -
303.1	Aggregate Base Class A thick 20 cm	Cu.m	2413.27	\$ -	\$ -
<i>Sub Total 300</i>					\$ -
400	SURFACE COURSE				
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	26312.50	\$ -	\$ -
403	Bituminous Tack Coat (RC , Cutback Asphalt)	Sq.m	26797.50	\$ -	\$ -
411(5a)	Asphalt Concrete Wearing Course (AC-WC), 40mm thick	Sq.m	26797.50	\$ -	\$ -
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Cu.m	1071.90	\$ -	\$ -
<i>Sub Total 400</i>					\$ -
500	BRIDGE CONSTRUCTION				
505	Reinforcing Steel	Kg	61890.94	\$ -	\$ -
506.1a	Structural Concrete 25 Mpa	Cu.m	1169.91	\$ -	\$ -
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	320.06	\$ -	\$ -
506.1e	Structural Concrete Cyclop 21 Mpa	Cu.m	1261.58	\$ -	\$ -
506.1f	Structural Concrete 21 Mpa	Cu.m	660.95	\$ -	\$ -
<i>Sub Total 500</i>					\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1h)	RCPC 1200mm diameter	Ln.m	250.00	\$ -	\$ -
601(1n)	Concrete Precast Lined Drain 25 Mpa (40x40cm)	Ln.m	410.00	\$ -	\$ -
601(1o)	Concrete Precast Lined Drain 25 Mpa (70x70cm)	Ln.m	1430.00	\$ -	\$ -
603(1)a	Manhole Cover - Metal Frame and Steel Grating Cover, 60 x 60cm	set	150.00	\$ -	\$ -
603.5c	Metal Frames and Gratings, SG455/30/50	Pair	150.00	\$ -	\$ -
604.4d	PVC 6" Dia.	Ln.m	139.50	\$ -	\$ -
<i>Sub Total 600</i>					\$ -
700	MISCELLANEOUS STRUCTURES				
702b	Accessible Sidewalks	Sq.m	870.00	\$ -	\$ -
706.2	Regulatory Signs	Each	19.00	\$ -	\$ -
706.3	Informatory Signs	Each	2.00	\$ -	\$ -
710	Reflectorized Thermoplastic Pavement Markings	Sq.m	1797.00	\$ -	\$ -
710.2	Double Arm Street Lighting Lamp 50 Watt Sodium Type, Refers to the Specification (Indonesian Standard/SNI)	Unit	50.00	\$ -	\$ -

BILL OF QUANTITIES

NAME OF PROJECT : UPGRADE ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE STA.1+550km TO STA. 3+100km

(PACKAGE II)

LOCATION OF PROJECT : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
714.5	Halfe Busway for 8 Location	Ls	1.00	\$ -	\$ -
<i>Sub Total 700</i>					\$ -
800	BIOENGINEERING				
805.4a	Plaiting of Tree (Pucuk Merah)	Each	85.00	\$ -	\$ -
	<i>Sub Total 800</i>				\$ -
1001	DAYWORK				
1001(2)	Unskilled Laborer	Hour	1220.00	\$ -	\$ -
1001(23)	Hydraulic Excavator, 0.90 cu m	Hour	1220.00	\$ -	\$ -
1001(25)	Wheel Loader, 3.00 cu m.	Hour	244.00	\$ -	\$ -
1001(26)	Dump Truck, 6 - 8 ton	Hour	1220.00	\$ -	\$ -
1001(27)	Dump Truck, 12-15 ton	Hour	1220.00	\$ -	\$ -
1001(30)	Water Tank Truck with Pump, 5000 Ltr	Hour	488.00	\$ -	\$ -
	<i>Sub Total 1001</i>				\$ -
TOTAL					\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE : UPGRADING ROADS CONSTRUCTION CULUHUN BRIDGE TO BECORA TERMINAL BRIDGE
STA.1+550km TO STA. 3+100km (PACKAGE II)

LOCATION : SUCO KULUHUN-KULAU, POSTO ADMINISTRATIVO REI, MUNICIPIO DILI

OVERHEAD

NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USS)	AMOUNT (USS)
I	PROJECT TEAM				
	STAFF TEKNIKU				
1	Site Engineer	LS	1	\$ -	\$ -
2	Quality Control	LS	1	\$ -	\$ -
3	Surveyor	LS	1	\$ -	\$ -
	STAFF APOIO SERVISU				
1	Logistics	LS	1	\$ -	\$ -
2	Administration	LS	1	\$ -	\$ -
3	Security	LS	1	\$ -	\$ -
II	KUSTU OPERASIONAL				
	OPERATIONAL OFFICE				
1	Stationary	LS	1	\$ -	\$ -
2	Communication	LS	1	\$ -	\$ -
3	Meetings	LS	1	\$ -	\$ -
4	Electricity	LS	1	\$ -	\$ -
5	Water	LS	1	\$ -	\$ -
	RELATORIOS				
1	Daily, weekly, monthly reports	LS	1	\$ -	\$ -
2	Shop drawings, as built drawings	LS	1	\$ -	\$ -
III	KUSTU SERVISU APOIO NIAN				
1	Material Sampling & Testing	LS	1	\$ -	\$ -
2	Personal protective equipment (PPE)	LS	1	\$ -	\$ -
	TOTAL				\$ -

7



MINISTÉRIO DO
PLANEAMENTO
E INVESTIMENTO
ESTRATÉGICO



ADN
Agência de
Desenvolvimento
Nacional

Data : 19 de Setembro de 2017

Hato'ba : Sr. Rui Hernani Freitas Guterres
Director Estrada-Pontes e Controlo do Cheias - MOPTC

Hosi : Samuel Marcal
Director Geral - Agência de Desenvolvimento Nacional (ADN)

Ref : 1429 RDTL/MPIE/ADN/IX/2017

Assunto : Entrega Resultado Verifikasiun ba Projecto Rehabilitation of
Vila Maumeta – Beloi Roads Atauro Sta. 0+000 – 4+500 km
Municipio Dili

Ho Respeito,

Hakarak informa ba Director katak ADN halo ona verifikasiun ba Projecto Rehabilitation of Vila Maumeta – Beloi Roads Atauro Sta. 0+000 – 4+500 km Municipio Dili, implementa husi Companhia Helmi Unip Lda. Resultado Verifikasiun anexo.

Maka ne'e deit ba ita bo'ot nia kolaborasaun ami hato'o Obrigado Wain.

DIRECÇÃO ESTRADAS, PONTES E CONTROLO DE CHEIAS	
Gurut / Maria	DNEPCC
	20/09/17
	L.N



Endereço ADN: Hudi laran,
Fatu-hada, Dili Timor Leste
Email: info@mpie.gov.tl
Telefone: +670 3310 289



MINISTÉRIO DO
PLANEAMENTO
E INVESTIMENTO
ESTRATÉGICO



Agência
De Desenvolvimento
Nacional

SUMMARY

NAME OF PROJECT : REHABILITATION OF VILA MAUMETA - BELOI ROADS
LOCATION OF PROJECT : ATAURO MUNICIPALITY OF DILI
LEIGHT : 0+000 - 4+500 KM
CONTRACTOR : HELMI UNIPESSOAL,LDA
WORK ITEM : SUMMARY BILL OF QUANTITY

NO.	DESCRIPTION	AMOUNT US\$
100	GENERAL REQUIREMENTS	18,830.00
200	EARTHWORKS	34,472.81
300	SUB BASE AND BASE COURSE	409,230.13
400	SURFACE COURSE	2,195,187.69
500	BRIDGE CONSTRUCTION	-
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	80,624.88
700	MISCELLANEOUS STRUCTURES	159,019.89
A	CONSTRUCTION COST	2,897,365.40
B	PROFIT AND OVERHEAD 10 % x A)	289,736.54
C	TAX 2 % X (A+B)	63,742.04
D	GRAND TOTAL (A + B + C)	3,250,843.98

Cheked by :

Eng. Angelita M.de J.Cardoso
Teknik A D N

Verified by :

Eng. Daniel A.Alves
Coord. Pontes e Estradas

Certified by :
Eng. Aleixo A. Do Carmo
Director Nasional Diresaun Ponte e
Estrada



MINISTÉRIO DO
PLANEAMENTO
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Agência
De Desenvolvimento
Nacional

BILL OF QUANTITY / ENGINEER ESTIMATE

Name of Project : Rehabilitation of Vila Maumeta -Beloi Roads, Sta (0 + 000 - 4 + 500)
Location of Project : Ataoru -Timor Leste
Contractor : HELMI Unipessoal, Lda
Work Item : Bill of Quantities

Pay Item	Item Description	Unit	Quantity	Rate	Amount (\$)
100	GENERAL REQUIREMENTS				
102	Mobilization	ls	1.00	\$ 10,915.00	\$ 10,915.00
102	Demobilization	ls	1.00	\$ 5,915.00	\$ 5,915.00
108	Traffic Management and Safety	ls	1.00	\$ 2,000.00	\$ 2,000.00
					\$ 18,830.00
200	EARTHWORKS				
204.1	Structure Excavation	' cu.m.	1,701.70	\$ 3.78	\$ 6,440.82
206.1	Subgrade Preparation (Common Material)	sq.m.	36,000.00	\$ 0.78	\$ 28,031.99
					Sub Total 200 \$ 34,472.81
300	SUB BASE AND BASE COURSE				
303.1	Aggregate Base Class A	Cu.m	7,200.00	\$ 56.84	\$ 409,230.13
					Sub Total 300 \$ 409,230.13
400	SURFACE COURSE				
402.1	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m.	31,500.00	\$ 2.14	\$ 67,416.20
402.2	Bituminous Tack Coat (RC, Cutback Asphalt)	Sq.m.	31,500.00	\$ 0.93	\$ 29,213.07
411	Asphaltic Concrete -Binder Course (AC-BC) 6cm	Sq.m.	31,500.00	\$ 39.36	\$ 1,239,749.55
413	Asphaltic Concrete -Wearing Course (AC-WC) 4cm	Sq.m.	31,500.00	\$ 27.26	\$ 858,808.87
					Sub Total 400 \$ 2,195,187.69
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
606	Stone Masonry	cu.m	1,060.29	\$ 76.04	\$ 80,624.88
					Sub Total 600 \$ 80,624.88
700	MISCELLANEOUS				
706a	Warning Signs	Each	14.00	\$ 194.15	\$ 2,718.10
706b	Regulatori Signs	Each	7.00	\$ 259.63	\$ 1,817.41
706c	Informatory Signs	Each	4.00	\$ 315.82	\$ 1,263.28
710	Reflectorized thermoplastic pavement marking	Sq.m.	3,760.95	\$ 40.74	\$ 153,221.10
					Sub Total 700 \$ 159,019.89



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
MINISTÉRIO DAS OBRAS PÚBLICAS, TRANSPORTES E COMUNICAÇÕES
DIRECÇÃO NACIONAL DE ESTRADAS, PONTES E controlo de cheias
AVENIDA DA RESTAURAÇÃO, RAÍKOTU, DIL-TIMOR LESTE, TELP. 3311408

DRBFC ROAD REHABILITATION PROJECT
UNDER NATIONAL GOVERNMENT FINANCING

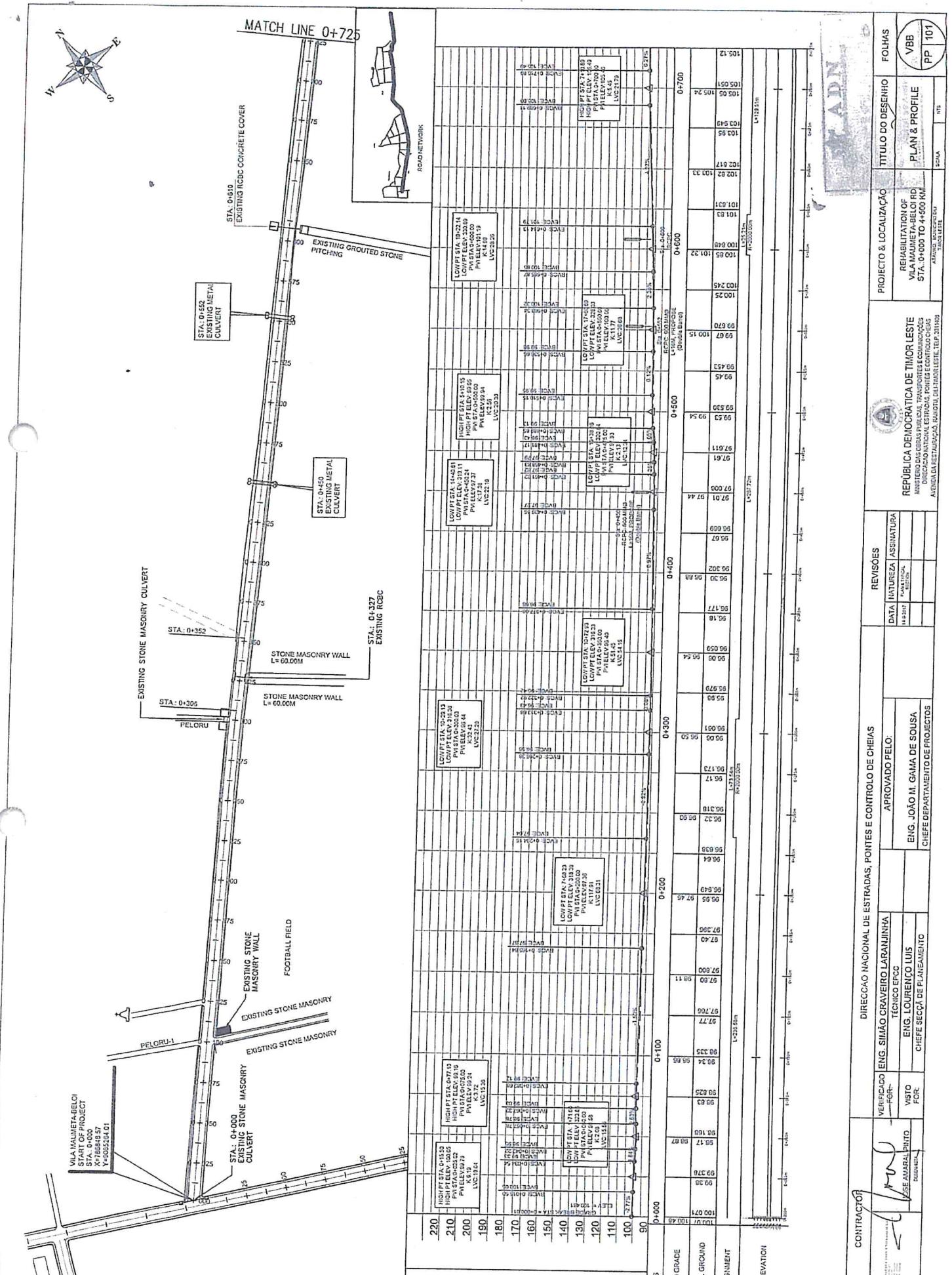
CONTRACT DRAWING
(Revised)

FOR

REHABILITATION OF ROAD FROM VILA MAUMETA TO BELOI
STA.: 0+000 TO 4+500 KM.

ATAURO, MUNICIPIO DILI
2017







MINISTÉRIO DO
PLANEAMENTO
E INVESTIMENTO
ESTRATÉGICO



ADN
Agência de
Desenvolvimento
Nacional

(8)

Data : 19 de Setembro de 2017

Hato'ba : Sr. Rui Hernani Freitas Guterres
Director Estrada Pontes e Controlo do Cheias - MOPTC

Hosi : Samuel Marçal
Director Geral - Agência de Desenvolvimento Nacional (ADN)

Ref : 1428 RDTL/MPIE/ADN/IX/2017

Assunto : Entrega Resultado Verifikasiun ba Projecto Rehabilitation of
Vila Maumeta – Beloi Roads Atauro Sta. 4+500 – 10+717 km
Municipio Dili

Ho Respeito,

Hakarak informa ba Director katak ADN halo ona verifikasiun ba Projecto
Rehabilitation of Vila Maumeta – Beloi Roads Atauro Sta. 4+500 – 10+717 km
Municipio Dili, implementa husi Companhia Hidayat Unip Lda. Resultado
Verifikasiun anexo.

Maka ne'e deit ba ita bo'ot nia kolaborasaun ami hato'o Obrigado Wain.

DIRECÇÃO ESTRADAS, PONTES E CONTROLO DE CHEIAS	
Surat Tema	DNEPCC
Data	20/09/17
HGL	



Endereço ADN: Hudi laran,
Fatu-hada, Dili Timor Leste
Email: info@mpie.gov.tl
Telefone: +670 3310 289



MINISTÉRIO DO
PLANEAMENTO
E INVESTIMENTO
ESTRATÉGICO



Agência
De Desenvolvimento
Nacional

SUMMARY

NAME OF PROJECT : REHABILITATION OF VILA MAUMETA - BELOI ROADS
LOCATION OF PROJECT : ATAURO MUNICIPALITY OF DILI
LEIGHT : 4+500 - 10+717 KM
CONTRACTOR : HIDAYAT UNIPESSOAL,LDA
WORK ITEM : SUMMARY BILL OF QUANTITY

NO.	DESCRIPTION	AMOUNT US\$
100	GENERAL REQUIREMENTS	18,830.00
200	EARTHWORKS	39,425.88
300	SUB BASE AND BASE COURSE	574,581.84
400	SURFACE COURSE	3,089,221.44
500	BRIDGE CONSTRUCTION	
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	17,806.25
700	MISCELLANEOUS STRUCTURES	161,723.99
A	CONSTRUCTION COST	3,901,589.40
B	PROFIT AND OVERHEAD 10 % x A)	390,158.94
C	TAX 2 % X (A+B)	85,834.97
D	GRAND TOTAL (A + B + C)	4,377,583.31

Cheked by :

Eng. Angelita M. de J. Cardoso
Teknik A D N

Verified by :

Eng. Daniel A. Alves
Coord. Pontes e Estradas

Certified by :

Eng. Aleixo A. Do Carmo

Director Nasional Diresaun Ponte e
Estrada



MINISTÉRIO DO
PLANEAMENTO
E INVESTIMENTO
ESTRATÉGICO



Agência
De Desenvolvimento
Nacional

BILL OF QUANTITY / ENGINEER ESTIMATE

Name of Project : Rehabilitation of Vila Maumeta -Beloi Roads, Sta (4 + 500 - 10 + 717)
Location of Project : Ataoru -Timor Leste
Contractor : HIDAYAT Unipessoal, Lda
Work Item : Bill of Quantities

Pay Item	Item Description	Unit	Quantity	Rate	Amount (\$)
100	GENERAL REQUIREMENTS				
102	Mobilization	ls	1.00	\$ 10,915.00	\$ 10,915.00
102	Demobilization	ls	1.00	\$ 5,915.00	\$ 5,915.00
103	Traffic Management and Safety	ls	1.00	\$ 2,000.00	\$ 2,000.00
					\$ 18,830.00
200	EARTHWORKS				
206.1	Subgrade Preparation (Common Material)	sq.m.	50,546.00	\$ 0.78	\$ 39,425.88
					Sub Total 200 \$ 39,425.88
300	SUB BASE AND BASE COURSE				
303.1	Aggregate Base Class A	Cu.m	10,109.20	\$ 56.84	\$ 574,581.84
					Sub Total 300 \$ 574,581.84
400	SURFACE COURSE				
402.1	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m.	44,329.00	\$ 2.14	\$ 94,872.78
402.2	Bituminous Tack Coat (RC, Cutback Asphalt)	Sq.m.	44,329.00	\$ 0.93	\$ 41,110.67
411.5A	Asphaltic Concrete -Binder Course (AC-BC) 6cm	Sq.m.	44,329.00	\$ 39.36	\$ 1,744,662.16
413	Asphaltic Concrete -Wearing Course (AC-WC) 4cm	Sq.m.	44,329.00	\$ 27.26	\$ 1,208,575.83
					Sub Total 400 \$ 3,089,221.44
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
605	RIPRAP	cu.m	625.00	\$ 28.49	\$ 17,806.25
					Sub Total 600 \$ 17,806.25
600	MISCELLANEOUS				
706a	Warning Signs	Each	22.00	\$ 194.15	\$ 4,271.30
706b	Regulatori Signs	Each	9.00	\$ 259.63	\$ 2,336.67
706c	Informatory Signs	Each	6.00	\$ 315.82	\$ 1,894.92
710	Reflectorized thermoplastic pavement marking	Sq.m.	3,760.95	\$ 40.74	\$ 153,221.10
					Sub Total 700 \$ 161,723.99



REPÚBLICA DEMOCRATICA DE TIMOR LESTE
MINISTÉRIO DAS OBRAS PÚBLICAS, TRANSPORTES E COMUNICAÇÕES
DIRECÇÃO NACIONAL DE ESTRADAS, PONTES E controlo de cheias
AVENIDA DA RESTAURAÇÃO, RAÍKOTU, DILI-TIMOR LESTE, TELP. 3311408

DRBFC ROAD REHABILITATION PROJECT
UNDER NATIONAL GOVERNMENT FINANCING

CONTRACT DRAWING
(Revised)
FOR
REHABILITATION OF ROAD FROM BELOI TO BIQUELI
STA.:4+500 TO 10+717 KM.

ATAURO, MUNICIPIO DILI
2017



