



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



Conselho de
Administração

DELIBERASAUN N. 89/VII/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 Quinta-feira, 17 de julho de 2025, e halo deliberaun ba assunto tuir mai ne'e:

Asuntu: Pedidu Aprovasaun no autorizasaun despezas no Konfirma Finansiamentu ba Projetu Emergencia:

1. *Project New Lebudeo Bridge Construction 40 Meter Length Single Span, Stell Trusses Type B Lebudeo Bacelo, Laulara Municipality Aileu;*
2. *Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan DHL (Sta.0+000 - Sta.0+831.75) Kapela (Sta.0+000 - Sta.0+747.35), Guardamor (Sta.0+000 - Sta.0+251), Gang 1(Sta.0+000 - Sta.0+168.48), Gang 2 (Sta.0+288 -Sta.0+455.45), no Gang 3 (Sta.0+275-Sta.0+600), Suco Fatuhada, Posto Administrativo Dom Aleixo, Municipio Dili;*
3. *Konstrusaun Moru Protesaun Mota Mantelolaun Metinaro, Suco Mantelolaun, Posto Administrativo Metinaro, Municipio Dili;*
4. *Rehabilitasaun Seksau Estrada Local Aileu-Faturusa. (Sta.0+000-11+580), Suco Faturusa, Posto Administrativo Remexio Municipio Aileu;*
5. *Dili Urban Road Rehabilitation Fomento - Mercado Manleuana;*
6. *Upgrading & New Roads Construction Kasnafar/ Lisbutak Dili (3,4 KM) Municipality of Dili, Timor Leste;*
7. *Construction Of Cristo Rei Dolok Oan Junction Road (Package 1-B,Sta.1+000 to Sta.1+520, Cristo Rei, Dili Municipality);*
8. *Dili Urban Road Package 2, Rehabilitation Manleuana Part 2 (Sta. 0+000 - Sta. 2+985);*
9. *Obra Konstrusaun Estrada Lokal Plum Concrete & Dranagem (Sta. 0+000 - Sta. 11+685) Suco Fatubesi, Posto Administrativo Hatolia B, Municipio Ermera.*

Proponente: Ministério das Obras Publicas — MOP

Notas/justifikasiakaun:

- SGP simu Karta pedidu husi Sua Excelênciá Ministro Obras Publicas Sr. Samuel Marçal, ho karta no. Ref.: 1360/GAB.MOP/VII/2025, data 16 de julho de 2025, ho asuntu: Pedido Agendamento CAFI;



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- Iha nesesidade atu hetan CAFI nia aprovasaun ba inskrisaun projetu ne'e iha Fundo das Infraestruturas (FI), nudar baze ba regista iha sistema GRP no DBFT molok halo alterasaun orsamentu ba despezas hodi asegura implementasaun projetu tuir legislaun sira em vigor (regras ezekusaun OGE 2025, Decreto-Lei n.º 43/2024, de 20 de dezembro, Autoriza Despesas DL no. 23/2022 de 19 de maio);
- Bazeia ba Decreto-Lei No. 13/2016, de Bazeia ba Decreto-Lei No. 13/2016, de 18 de maio, kona ba Regulamentu Fundo das Infraestruturas determina katak aprovisionamentu ba projetu sira finansiamentu husi Fundo Infraestruturas nian sei lao tuir regime Juridiku aprovisionamentu 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 sei assume responsabilidade ba koordenasaun 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 espesifikasiuna nebe aprova ona;

Lista Proposta:

Naran Projetu	Resultadu Verifikasiun ADN,I.P./referensia	Alokasaun orsamentu iha FI 2025	Presiza Aprovasaun CAFI
Project New Lebudeo Bridge Construction 40 Meter Length Single Span, Stell Trusses Type B Lebudeo Baclelo,Laulara Municipality Aileu	\$1,641,314.88	<ul style="list-style-type: none">• Presiza Kria kodigu atividade iha FI-Programa 977: Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades, Sub Programa 97706: Pontes e Controle de Inundação;• Presiza regista iha sistema GRP e DBFT;• Alokasaun FI 2025 calamidade: \$19,574,687.27	<ol style="list-style-type: none">1. Kustu Projetu;2. Inskrisaun iha Livro Orsamentu FI 2025;3. Kria kodigu atividade iha Programa FI (Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades);4. Regista iha sistema GRP e DBFT

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Naran Projetu	Resultadu Verifikasi saun ADN,I.P./referensia	Alokasaun orsamentu iha FI 2025	Presiza Aprovasaun CAFI
Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan DHL (Sta.0+000 - Sta.0+831.75) Kapela (Sta.0+000 - Sta.0+747.35), Guardamor (Sta.0+000 - Sta.0+251), Gang 1(Sta.0+000 - Sta.0+168.48), Gang 2 (Sta.0+288 -Sta.0+455.45), no Gang 3 (Sta.0+275-Sta.0+600), Suco Fatuhada, Posto Administrativo Dom Aleixo, Municipio Dili	\$1,541,313.26; no. ref.: 2156/ADN, I.P./XII/2024, data 11 de novembro de 2024	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, • Sub Programa Estrada; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT
Konstrusaun Moru Protesaun Mota Mantelolaun Metinaro,Suco Mantelolaun,Posto Administrativo Metinaro,Municipio Dili	\$1,529,244.37; no. ref.: 0407/ADN, I.P./III/2025, data 19 de Marsu de 2025	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 977: Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades, Sub Programa 97706: Pontes e Controle de Inundação; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$19,574,687.27 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades); 4. Regista iha sistema GRP e DBFT.
Reabilitasaun Seksau Estrada Local Aileu-Faturusa.(Sta.0+000-11+580),Suco Faturusa,Posto Administrativo Remexio Municipio Aileu	\$1,847,750.93 no. ref.: 1126/ADN, I.P./VI/2025, data 30 de junho de 2025	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, • Sub Programa Estrada; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT.



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Dili Urban Road Rehabilitation Fomento - Mercado Manleuana	\$2,010,021.11 no. ref.: 1069/ADN, I.P./VI/2025, data 25 de junho de 2025	<ul style="list-style-type: none"> Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; Presiza regista iha sistema GRP e DBFT; Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> Kustu Projetu; Inskrisaun iha Livro Orsamentu FI 2025; Kria kodigu atividade iha Programa FI (estradas e Pontes); Regista iha sistema GRP e DBFT
Upgrading & New Roads Construction Kasnafar/ Lisbutak Dili (3,4 KM) Municipality of Dili, Timor Lesta	\$3,262,904.05 no. ref.: 1073/ADN, I.P./VI/2025, data 30 de junho de 2025	<ul style="list-style-type: none"> Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; Presiza regista iha sistema GRP e DBFT; Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> Kustu Projetu; Inskrisaun iha Livro Orsamentu FI 2025; Kria kodigu atividade iha Programa FI (estradas e Pontes); Regista iha sistema GRP e DBFT
Construction Of Cristo Rei Dolok Oan Junction Road (Package 1-B,Sta.1+000 to Sta.1+520,Cristo Rei,Dili Municipality	\$2,227,223.62	<ul style="list-style-type: none"> Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; Presiza regista iha sistema GRP e DBFT; Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> Kustu Projetu; Inskrisaun iha Livro Orsamentu FI 2025; Kria kodigu atividade iha Programa FI (estradas e Pontes); Regista iha sistema GRP e DBFT.
Dili Urban Road Package 2, Rehabilitation Manleuana Part 2 (Sta. 0+000 - Sta. 2+985)	\$1,945,640.26 no. ref.: 1244/ADN, I.P./VII/2025, data 14 de julho de 2025	<ul style="list-style-type: none"> Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; Presiza regista iha sistema GRP e DBFT; Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> Kustu Projetu; Inskrisaun iha Livro Orsamentu FI 2025; Kria kodigu atividade iha Programa FI (estradas e Pontes); Regista iha sistema GRP e DBFT



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Naran Projetu	Resultadu Verifikasi saun ADN,I.P./referensia	Alokasaun orsamentu iha FI 2025	Presiza Aprovasaun CAFI
Obra Konstrusaun Estrada Lokal Plum Concrete & Dranagem (Sta. 0+000 - Sta. 11+685). Suco Fatubesi, Posto Administrativo Hatolia B, Municipio Ermera	\$1,010,744.10 no. ref.: 0452/ADN, I.P./III/2025, data 28 de Marsu de 2025	<ul style="list-style-type: none"> Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; Presiza regista iha sistema GRP e DBFT; Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> Kustu Projetu; Inskrisaun iha Livro Orsamentu FI 2025; Kria kodigu atividade iha Programa FI (estradas e Pontes); Regista iha sistema GRP e DBFT

Rekomendasau:

- 1) CAFI atu aprova despezas no kustu total Projetu no konfirma Finansiamentu bazeia ba pedidu husi MOP;
- 2) Nesesita aprovasaun CAFI atu kria kodigu atividade foun iha FI – **Programa 977: Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades, Sub Programa 97706: Pontes e Controle de Inundaçā**, nudar baze atu bele regista iha sistema GRP no DBFTL;
- 3) CAFI atu autoriza SGP hamutuk no Linhas Ministeriais/ Dono do projeto koordena ho MdF hodi kria kodigu atividade foun ba kada projetu emergencia;
- 4) CAFI nudar orgaun kompetenti atu autoriza despezas tuir Artigo 5º alinea (b) DL no. 23/2022, de 19 de maio;
- 5) Desizaun kona ba abertura ka inisiasi saun prosesu aprovisionamento bazeia, Artigo 24 & 25, Decreto Lei No.43/2024, de 20 de Dezembro, regra ezekusaun OGE 2025;
- 6) Bazeia ba Artigo 21, DL No.13/2016, de 18 de maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento ba projetu sira ho finansiamentu husi FI nian sei lao tuir Regime Juridiku Aprovizionamento em vigor;
- 7) Modalidade aprovisionamento bazeia ba kustu projetu no sei lao tuir Decreto-Lei No.22/2022 de 11 de Maio;
- 8) Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
- 9) MOP konfirma katak sei assume responsabilidade ba monitorizasaun e akompanhamentu ba ezekusaun projetu ne'e no sei garante kualidade servisu supervizaun e konstrusaun nian tuir padraun no espesifikasi saun ne'ebe aprova ona;

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Desizaun:

1. CAFI aprova despezas no kustu total Projetu no konfirma Finansiamentu bazeia ba pedidu husi Projetu nain MOP;
2. CAFI nudar orgaun kompetenti atu autoriza despezas tuir Artigo 5º alinea (b) DL no. 23/3033, de 19 de maio;
3. CAFI aprova kria kodigu atividade foun iha FI – **Programa 977: Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades, Sub Programa 97706: Pontes e Controle de Inundaçã**, nudar baze atu bele regista iha sistema GRP no DBFT;
4. CAFI autoriza SGP hamutuk no Linhas Ministeriais/ Dono do projeto koordena ho MdF hodi kria kodigu atividade foun ba kada projetu emergencia ne’ebé aprova ona;
5. 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;
6. Bazeia ba Artigo 21, DL No.13/2016, de 18 de maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento ba projetu sira ho finansiamentu husi FI nian sei lao tuir Regime Juridiku Aprovizionamentu em vigor;
7. Modalidade aprovisionamento bazeia ba kustu projetu no sei lao tuir Decreto-Lei No.22/2022 de 11 de Maio;
8. Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
9. MOP konfirma katak sei assume responsabilidade ba monitorizasaun e akompanhamentu ba ezekusaun projetu ne’ebé no sei garante kualidade servisu supervizaun e konstrusaun nian tuir padraun no espesifikasiun ne’ebé aprova ona;
10. Lista Aprovasaun:

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Naran Projetu	Resultadu Verifikasi saun ADN,I.P./referensi	Alokasaun orsamentu iha FI 2025	Presiza Aprova saun CAFI	Orgaun Kompetênti - DL No. 23/2022, 19 de Maio
Project New Lebude Bridge Construction 40 Meter Length Single Span, Stell Trusses Type B Lebude Baclelo, Laulara Municipality Aileu	\$1,641,314.88	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI- Programa 977: Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades, Sub Programa 97706: Pontes e Controle de Inundaçao; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$19,574,687.27 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades); 4. Regista iha sistema GRP e DBFT 	<ul style="list-style-type: none"> • CAFI : Konfirmasauen Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º Competência para a autorização da despesa.
Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan DHL (Sta.0+000 - Sta.0+831.75) Kapela (Sta.0+000 - Sta.0+747.35), Guardamor (Sta.0+000 - Sta.0+251), Gang 1(Sta.0+000 - Sta.0+168.48), Gang 2 (Sta.0+288 - Sta.0+455.45), no Gang 3 (Sta.0+275- Sta.0+600), Suco Fatuhada,	\$1,541,313.26	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI- Programa 026: Estradas e Pontes, Sub Programa Estrada; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT 	<ul style="list-style-type: none"> • CAFI : Konfirmasauen Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º Competência para a autorização da despesa.



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Naran Projetu	Resultadu Verifikasiun ADN,I.P./referencia	Alokasaun orsamentu iha FI 2025	Presiza Aprovaun CAFI	Orgaun Kompetênti - DL No. 23/2022, 19 de Maio
Posto Administrativo Dom Aleixo, Municipio Dili				
Konstrusaun Moru Protesaun Mota Mantelolaun Metinaro,Suco Mantelolaun,Posto Administrativo Metinaro,Municipio Dili	\$1,529,244.37	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 977: Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades, Sub Programa 97706: Pontes e Controle de Inundaçao; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$19,574,687.27 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (Manutenção, Reabilitação e Respostas as Estruturas Danificadas Calamidades); 4. Regista iha sistema GRP e DBFT. 	<ul style="list-style-type: none"> • CAFI : Konfirmasasan Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º Competência para a autorização da despesa.
Reabilitasaun Seksau Estrada Local Aileu-Faturusa.(Sta.0 +000- 11+580),Suco Faturusa,Posto Administrativo Remexio Municipio Aileu	\$1,847,750.93	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT. 	<ul style="list-style-type: none"> • CAFI : Konfirmasasan Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º Competência para a autorização da despesa.
Dili Urban Road Rehabilitation Fomento - Mercado Manleuana	\$2,010,021.11	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha 	<ul style="list-style-type: none"> • CAFI : Konfirmasasan Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º



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Naran Projetu	Resultadu Verifikasi saun ADN,I.P./referencia	Alokasaun orsamentu iha FI 2025	Presiza Aprovasaun CAFI	Orgaun Kompetênti - DL No. 23/2022, 19 de Maio
		<ul style="list-style-type: none"> • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT	Competência para a autorização da despesa.
Upgrading & New Roads Construction Kasnafar/ Lisbutak Dili (3,4 KM) Municipality of Dili, Timor Lesta	\$3,262,904.05	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT	<ul style="list-style-type: none"> • CAFI : Konfirmasasan Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º Competência para a autorização da despesa.
Construction Of Cristo Rei Dolok Oan Junction Road (Package 1-B, Sta.1+000 to Sta.1+520, Cristo Rei, Dili Municipality	\$2,227,223.62	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT.	<ul style="list-style-type: none"> • CAFI : Konfirmasasan Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º Competência para a autorização da despesa.

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Naran Projetu	Resultadu Verifikasi saun ADN,I.P./referencia	Alokasaun orsamentu iha FI 2025	Presiza Aprovasaun CAFI	Orgaun Kompetênti - DL No. 23/2022, 19 de Maio
Dili Urban Road Package 2, Rehabilitation Manleuana Part 2 (Sta. 0+000 - Sta. 2+985)	\$1,945,640.26	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT 	<ul style="list-style-type: none"> • CAFI : Konfirmasasan Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º Competênci para a autorização da despesa.
Obra Konstrusaun Estrada Lokal Plum Concrete & Dranagem (Sta. 0+000 - Sta. 11+685). Suco Fatubesi, Posto Administrativo Hatolia B, Municipio Ermera	\$1,010,744.10	<ul style="list-style-type: none"> • Presiza Kria kodigu atividade iha FI-Programa 026: Estradas e Pontes, Sub Programa Estrada; • Presiza regista iha sistema GRP e DBFT; • Alokasaun FI 2025 calamidade: \$78,500,511.20 	<ol style="list-style-type: none"> 1. Kustu Projetu; 2. Inskrisaun iha Livro Orsamentu FI 2025; 3. Kria kodigu atividade iha Programa FI (estradas e Pontes); 4. Regista iha sistema GRP e DBFT 	<ul style="list-style-type: none"> • CAFI : Konfirmasasan Finansiamentu; • CAFI: alinea 1 (b) Artigo Artigo 5.^º Competênci para a autorização da despesa.

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



Conselho de
Administração

Aprovado husi CAFI iha loron 17 de Julho 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 Participa iha Reuniaun)



Miguel Marques Gonçalves Manetelu

Ministro dos Transportes e Comunicações

Samuel Marçal

Ministro das Obras Públicas

DELIBERAÇAUN N.º89/VII/CAFI/2025



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



**Conselho de
Administração**

Annexo:

DELIBERASAUN N.º89/VII/CAFI/2025

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AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

PROJECT NAME : NEW LEBUDOE BRIDGE CONSTRUCTION, 40 METER LENGTH, SINGLE SPAN, STEEL TRUSSES TYPE B
 LOCATION : LEBUDOE, BACLELO, LAULARA, AILEU MUNICIPALITY

NO	DESCRIPTION	OWNER ESTIMATE	VERIFIED BY ADN
		AMOUNT (\$)	AMOUNT (\$)
100	General Requirements	\$ 32,953.08	\$ 10,215.45
200	Earth Works	\$ 48,358.76	\$ 26,596.00
300	Sub Base and Base Course	\$ 19,926.45	\$ 16,821.99
400	Surfaces Courses	\$ 51,438.36	\$ 47,862.04
500	Bridge Construction	\$ 538,613.83	\$ 425,722.40
600	Drainage and Slope Protection	\$ 944,996.43	\$ 906,126.56
700	Micelaneous Structure	\$ 3,979.01	\$ 3,312.13
A	TOTAL CONSTRUCTION COST	\$ 1,640,265.92	\$ 1,436,656.58
B	PROFIT 10% X A	\$ 164,026.59	\$ 143,665.66
C	OVERHEAD	\$ 9,450.00	\$ 28,810.00
D	TAX 2% X (A+B+C)	\$ 36,274.85	\$ 32,182.64
E	TOTAL (A+B+C+D)	\$ 1,850,017.36	\$ 1,641,314.88

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
27/5/25



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT NAME : NEW LEBUDOE BRIDGE CONSTRUCTION, 40 METER LENGTH, SINGLE SPAN, STEEL TRUSSES TYPE B
LOCATION : LEBUDOE, BACLELO, LAULARA, AILEU MUNICIPALITY

BILL OF QUANTITY / ENGINEERING ESTIMATE

NO	DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	VOLUME	UNIT PRICE (\$)	AMOUNT (\$)	UNIT	VOLUME	UNIT PRICE (\$)	AMOUNT (\$)
100	General Requirements								
102	Mobilization and Demobilization	Ls	1.00	\$ 6,125.63	\$ 6,125.63	Ls	1.00	\$ 6,800.68	\$ 6,800.68
104	Laboratory Testing Services	Ls	1.00	\$ 18,758.70	\$ 18,758.70				
108	Traffic Management and Safety	Ls	1.00	\$ 3,068.75	\$ 3,068.75				
110	Temporary Access Road	Ls	1.00	\$ 5,000.00	\$ 5,000.00	Ls	1.00	\$ 3,414.77	\$ 3,414.77
				Sub-Total	\$ 32,953.08				\$ 10,215.45
200	Earth Works								
202(1)	Removal of Structure and Obstructions	Ls	1.00	\$ 2,000.00	\$ 2,000.00	Ls	1.00	\$ 2,000.00	\$ 2,000.00
203(6)	Pipe Culvert and Drain Excavation	Cu.m	668.68	\$ 4.42	\$ 2,953.48	Cu.m	668.68	\$ 2.98	\$ 1,993.92
204(1)	Structure Excavation	Cu.m	2,846.05	\$ 4.42	\$ 12,570.63	Cu.m	2,846.05	\$ 2.98	\$ 8,486.56
205(1)	Common Embankments	Cu.m	5,466.01	\$ 4.97	\$ 27,180.07	Cu.m	5466.01	\$ 2.28	\$ 12,486.70
205(2)	Selected Embankment	Cu.m	261.95	\$ 11.09	\$ 2,904.92	Cu.m	261.95	\$ 2.93	\$ 768.25
206	Sub Grade Preparation	Sq.m	1,390.40	\$ 0.54	\$ 749.66	Sq.m	1390.40	\$ 0.62	\$ 860.57
				Sub-Total	\$ 48,358.76				\$ 26,596.00
300	Sub Base and Base Course								
301	Aggregates Sub Base Course	Cu.m	347.60	\$ 21.13	\$ 7,344.47	Cu.m	347.60	\$ 17.63	\$ 6,128.06
302(1)	Crushed Aggregates Base Course, Class A	Cu.m	208.56	\$ 60.33	\$ 12,581.97	Cu.m	208.56	\$ 51.28	\$ 10,693.94
				Sub-Total	\$ 19,926.45				\$ 16,821.99
400	Surfaces Courses								
402	Bituminous Prime Coat	Sq.m	1,390.40	\$ 1.31	\$ 1,824.55	Sq.m	1390.40	\$ 1.34	\$ 1,859.31
403	Tack Coat	Sq.m	291.00	\$ 0.77	\$ 224.09	Sq.m	291.00	\$ 0.80	\$ 231.37
411(5a)	Asphalt Concrete - Wearing Course, 5 cm Thick	Sq.m	291.00	\$ 26.77	\$ 7,790.34	Sq.m	291.00	\$ 23.98	\$ 6,977.85
411(6a)	Asphalt Concrete - Binder Course, 6cm Thick	Sq.m	1,390.40	\$ 29.92	\$ 41,599.37	Sq.m	1390.40	\$ 27.90	\$ 38,793.52
				Sub-Total	\$ 51,438.36				\$ 47,862.04
500	Bridge Construction								
501	Bridge Demolish and Transport from Original Location	Ls	1.00	\$ 50,000.00	\$ 50,000.00	Ls	1.00	\$ 23,954.09	\$ 23,954.09
502	Steel Trusses Structure Instalation and Erection	Kg	78,200.00	\$ 1.01	\$ 79,185.47	Kg	78200.00	\$ 0.77	\$ 59,994.27
503	Structural Concrete 30 Mpa	Cu.m	483.22	\$ 307.97	\$ 148,819.63	Cu.m	483.22	\$ 248.49	\$ 120,076.37
504	Steel Deck	Sq.m	285.20	\$ 94.02	\$ 26,815.05	Sq.m	285.20	\$ 94.02	\$ 26,815.05
505	Reinforcing Bar	Kg	46,926.35	\$ 1.31	\$ 61,379.67	Kg	46926.35	\$ 1.59	\$ 74,519.05
506	Lean Concrete, Class 10 Mpa	Cu.m	218.84	\$ 123.53	\$ 27,032.26	Cu.m	218.84	\$ 100.38	\$ 21,966.48
507	Bore Pile Diameter 1.0 m Concrete 25 Mpa	Ln.m	192.00	\$ 488.56	\$ 93,804.28	Ln.m	192.00	\$ 465.18	\$ 89,314.85
508	Galvanized Pipe 75mm for Railing	Ln.m	168.00	\$ 33.49	\$ 5,626.11	Ln.m	168.00	\$ 27.42	\$ 4,606.56
509	Galvanized Pipe 3" for Drainage	Ln.m	13.50	\$ 38.99	\$ 526.35	Ln.m	13.50	\$ 34.75	\$ 469.13
510	Pvc Pipe 100mm for Utility	Ln.m	80.00	\$ 22.49	\$ 1,799.10	Ln.m	80.00	\$ 9.69	\$ 774.80



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT NAME : NEW LEBUDOE BRIDGE CONSTRUCTION, 40 METER LENGTH, SINGLE SPAN STEEL TRUSSES TYPE B
LOCATION : LEBUDOE, BACLEO, LAULARA, AILEU MUNICIPALITY

BILL OF QUANTITY / ENGINEERING ESTIMATE										
511	Expansion Joint	Ln.m	18.00	\$ 225.05	\$ 4,050.97	Ln.m	18.00	\$ 62.99	\$ 1,133.83	
512	Elastomeric Bearing Pad 670 x 370 x 110	Pcs	4.00	\$ 3,297.91	\$ 13,191.65	Pcs	4.00	\$ 386.38	\$ 1,545.52	
513	Seismic Buffer 235 x 235 x 45 mm	Pcs	8.00	\$ 3,297.91	\$ 26,383.30	Pcs	8.00	\$ 69.05	\$ 552.41	
				Sub-Total	\$ 538,613.83					\$ 425,722.40
600	Drainage and Slope Protection									
601(1)	Pipe Culvert Diameter 1.0 m	Ln.m	12.00	\$ 287.94	\$ 3,455.27	Ln.m	12.00	\$ 309.41	\$ 3,712.87	
606	Stone Masonry 1 : 3 (batu Gunung)	Cu.m	236.94	\$ 73.79	\$ 17,483.85	Cu.m	236.94	\$ 70.87	\$ 16,790.82	
609	Cyclopean Concrete, Class 21 Mpa	Cu.m	5,921.52	\$ 156.05	\$ 924,057.31	Cu.m	5921.52	\$ 149.56	\$ 885,622.87	
				Sub-Total	\$ 944,996.43					\$ 906,126.56
700	Miscellaneous Structure									
710	Reflectorized Thermoplastic Pavement Markings	Sq.m	\$1.30	\$ 35.04	\$ 1,797.67	Sq.m	\$1.30	\$ 21.43	\$ 1,099.54	
711	Concrete Paint (Curb, Guardwall)	Sq.m	208.36	\$ 3.27	\$ 681.34	Sq.m	208.36	\$ 3.42	\$ 712.59	
712	Steel Paint	Sq.m	250.00	\$ 6.00	\$ 1,500.00	Sq.m	250.00	\$ 6.00	\$ 1,500.00	
				Sub-Total	\$ 3,979.01					\$ 3,312.13
A	TOTAL CONSTRUCTION COST									
					\$ 1,640,265.92					\$ 1,436,656.58



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

PROJECT NAME : NEW LEBUDOE BRIDGE CONSTRUCTION, 40 METER LENGTH, SINGLE SPAN, STEEL TRUSS TYPE B
LOCATION : LEBUDOE, BACLEO, LAULARA, AILEU MUNICIPALITY

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT RATE (US \$)	AMOUNT (US \$)	UNIT	QUANTITY	UNIT RATE (US \$)	AMOUNT (US \$)
I	PROJECT TEAM								
	STAFF TEKNIKU								
1	Project Manager					Ls	1	\$ 3,000.00	\$ 3,000.00
2	Site Manager								
3	Site engineer	Ls	1.00	\$ 3,000.00	\$ 3,000.00	Ls	1.00	\$ 3,000.00	\$ 3,000.00
4	Quality Control					Ls	1	\$ 2,000.00	\$ 2,000.00
5	Health, Safety and Environment							\$ -	
6	Surveyor					Ls	1	\$ 3,000.00	\$ 3,000.00
	STAFF APOIO SERVISU								
1	Logistics					Ls	1	\$ 1,500.00	\$ 1,500.00
2	Administration					Ls	1	\$ 1,200.00	\$ 1,200.00
3	Site Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00	Ls	1.00	\$ 900.00	\$ 900.00
II	KUSTU OPERASIONAL								
	OPERATIONAL OFFICE								
1	Stationary					Ls	1	\$ 300.00	\$ 300.00
2	Communication					Ls	1	\$ 300.00	\$ 300.00
3	Meetings					Ls	1	\$ 150.00	\$ 150.00
4	Electricity					Ls	1	\$ 300.00	\$ 300.00
5	Water					Ls	1	\$ 300.00	\$ 300.00
	RELATORIOS								
1	Daily, weekly, monthly reports	Ls	1.00	\$ 1,650.00	\$ 1,650.00	Ls	1	\$ 120.00	\$ 120.00
2	Shop drawings, as built drawings	Ls	1.00	\$ 2,500.00	\$ 2,500.00	Ls	1	\$ 120.00	\$ 120.00
3	Quality control report, test report, engineering report, final report								
III	KUSTU SERVISU APOIO NIAN								
1	Material Sampling & Testing					Ls	1	\$ 12,120.00	\$ 12,120.00
2	Personal protective equipment (PPE)	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1	\$ 500.00	\$ 500.00
	TOTAL				\$ 9,450.00				\$ 28,810.00

3



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Data,11..... de Dezembro de 2024

Ref : 2156 /ADN, I.P./XII/2024

Hato'ó ba : Sr. Eng. Aleixo Amaral do Carmo
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOP

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

Asuntu : Rezultado Verifikasioun – Projeto Obra Konstrusaun Estrada Urbana
Lurumata no Drainagem Lurumata ba Dalam DHL, (Sta.0+000-0+831.75),
Kapela (Sta.0+000-0+747.35), Guardamor (Sta.0+000-0+251), Gang 1
(Sta.0+000-0+168,48), Gang 2 (Sta..0+288-0+455.45 & Gang 3 (Sta.0+275-
0+600), Suco Fatuhada, Municipio Dili dc

Ho Respeito,

Bazeia ba karta pedidu verifikasioun ho no ref. 1375/UIVP-MOP/X/2024 ho data 28 de Outubro de 2024, ba asuntu ne'ebé mensiona iha leten, ekipa verifikasioun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasioun ba dokumentu refere. Ho nune'e bele hare rezultado verifikasioun iha (aneksu).

Ba ita bo'ot nia atensaun ami hato'ó agradecimento wain no subkreve ho konsiderasaun a'as tebes.

Rui Lourenco da Costa
Director Executivo - ADN, I.P.



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



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

✓

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 28- 10 - 24

Data do Documentos : 28- 10 - 24

Husi : MOP - UIVP

No. Ref : 137s / UNP-MOP / X / 2024

Projecto : Obra Konf. Estrada Urbana
Luru-Mata no Drainagem Luruwata
Dalan DHL (sta. 0+000 - 0+831.75)
Kapela (sta. 0+000 - 0+745.35) Guardamor
Sta (0+000 - 0+251) Gan 1 (sta. 0+000 -
0+168.48) Gan 2 (0+288 - 0+455.45)
no Gan 3 (0+275 - 0+600) Suco
fatuhada, Município Dil

Quantidade Documentos : 1

Anexo :

* Boa + Desenho : 1

NB :

USB Anexo 1hc
DOC. NO. REF 1371

Assuntos :

Pedido Verifikasiaw Documentos
Emergência

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

Adjunto

Assessor/a

Gabinete DE / Base de Dados

Other

Data : 28/10/2024

Rui Lourenço da Costa
Director Executivo ADN

Solicita este atende



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



Ministério das Obras Públicas

Unidade do Inspeção e Verificação Para Pagamento - MOP

Data, 28. Outubro de 2024

Hato'o ba :	Sr.Rui Lourenço da Costa Director Executivo-ADN, I. P.
CC :	
No.ref :	1235...../UIVP-MOP/X/2024
Assuntu :	Pedido Verifikasiasaun
Fontes de Orsamento :	Emergencia
Alokasaun orsamento Tinan :	2024
Naran Projetu :	Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan DHL (Sta.0+000 - Sta.0+831.75) Kapela (Sta.0+000 - Sta.0+747.35), Guardamor (Sta.0+000 - Sta.0+251), Gan 1(Sta.0+000 - Sta.0+168.48), Gan 2 (Sta.0+288 -Sta.0+455.45), no Gan 3 (Sta.0+275-Sta.0+600), Suco Fatuhada,Posto Administrativo Dom Aleixo,Municipio Dili

Ho respeitu,

Liu husi oficiu ida ne'e Unidade do Inspeção e Verificação Para Pagamento - MOP enkaminha fila fali dokumentus
ba projetu Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan DHL (Sta.0+000 -
Sta.0+831.75) Kapela (Sta.0+000 - Sta.0+747.35), Guardamor (Sta.0+000 - Sta.0+251), Gan 1(Sta.0+000 -
Sta.0+168.48), Gan 2 (Sta.0+288 -Sta.0+455.45), no Gan 3 (Sta.0+275-Sta.0+600), Suco Fatuhada,Posto
Administrativo Dom Aleixo,Municipio Dili ne'ebe antes ne'e ADN devolve hodi bele hadi'a no kompleta.
Dokumentus refere hadi'a no kompleta ona tuir komentariu ne'ebe mensiona iha karta husi ADN, ne'e duni
enkaminha fila fali hodi bele hetan verifikasiasaun husi ADN.

Nudar informasaun, orsamentu ba projetu ida ne'e sei foti husi Fundus emergencia Ministerio das Obras Publicas
ba tinan 2024.

Mak Ne'e deit, ba ita bo'ot nia kolaborasaun ho 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 VERIFIKASA

NARAN PROJECTO :

obra konst. estrada Urbana Lurumata no
Dranaigem Lurumata ba Dahan DHL
Guardamor, kapela, Gan 1, Gan 2, no
Gan 3, suco fatuhada 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>Emergencia</i>	✓
3.	Alokasaun Orsamento ba Sa Tinan	✓
4.	TOR ou Justifikasau kona ba projetu ne'be atu implementa.	✓
5.	Titik Koordinat husi Projecto neébe atu implementa	✓
6.	Desenhu tenke iha HVS Medida A3 no hetan Aprovasaun husi Projetu Nain no Ministerio (MOP)	✓
7.	Cost Estimasaun ho BOQ Tenke Hetan Aprovasaun Husi Projectu Nain ou Ministerio (MOP)	✓
8.	Unit Price Analisis	✓
9.	Backup Quantidade	✓
10.	Spesifikasi Teknik	
11.	Soft Copy (BOQ iha Excel) no (Desenho iha Auto Cad) /USB <i>Anexo iha Doc. NORF 1371</i>	✓
12.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	✓



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

SUMMARY

PROJECT TITLE : Obra Konstrusaun Estrada Urbana Lurumata ba Dalan DHL (Sta. 0+000 - 0+831.75), Kapela (sta. 0+000 - 0+747.35), Guardamor (sta. 0+000 - 0+251), Gang 1 (sta. 0+000 - 0+168,48), Gang 2 (sta. 0+288 - 0+455.45 & Gang 3 (sta. 0+275 - 0+600)

PROJECT LOCATION : Suco Fatuhada, Postu Administrativu Dom. Aleixo, Municipiu Dili Timor - Leste

SECTION NO.	DESCRIPTION	VERIFIED BY OWNER		VERIFIED BY ADN, I.P.	
		AMOUNT (USD)	AMOUNT (USD)	AMOUNT (USD)	AMOUNT (USD)
100	GENERAL REQUIREMENTS	\$ 16,555.00	\$ 10,125.68		
200	EARTHWORKS	\$ 36,834.44	\$ 43,123.77		
300	SUB BASE AND BASE COURSE	\$ 201,686.25	\$ 135,722.50		
400	SURFACE COURSE	\$ 779,659.46	\$ 476,705.90		
500	BRIDGE CONSTRUCTION	\$ 312,445.60	\$ 326,358.11		
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 540,481.84	\$ 284,692.72		
700	MISCELLANEOUS STRUCTURES	\$ 111,742.24	\$ 84,167.92		
A	CONSTRUCTION COST	\$ 1,999,404.83	\$ 1,360,896.60		
B	CONTRACTOR FEE (10% x A)	\$ 199,940.48	\$ 136,089.66		
C	OVERHEAD		\$ 14,105.17		
D	TAX (2% x (A+B+C))	\$ 43,986.91	\$ 30,221.83		
E	GRAND TOTAL (A+B+C+D)	\$ 2,243,332.22	\$ 1,541,313.26		

Verified By:

(Eng. Augusta da Costa Ferreira.)

Civil Engineer ADN, I.P.

Checked by:

(Eng. Rogerio M. Pires)

Chefe Departamento ITIAS ADN,I.P.

Certified by:

(Arch. José Fernando Liu Soares)

Coordenador UAP ADN, I.P.

BILL OF QUANTITY

PROJECT TITLE : Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dhalan DHL (Sta. 0+000 - 0+831.75), Kapela (sta. 0+000 - 0+747.35), Guardamor (sta. 0+000 - 0+251), Gang 1 (sta. 0+000 - 0+168.48), Gang 2 (sta. 0+268 - 0+455.45 & Gang 3 (sta. 0+275 - 0+600)

PROJECT LOCATION : Suco Fatuhada, Posto Administrativu Dom. Aleixo, Municipiu Dili Timor - Leste

PAY ITEM	ITEM DESCRIPTION	VERIFIED BY OWNER				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	\$ 1,396.00	\$ 1,396.00	Ls	1.00	\$ 7,525.68	\$ 7,525.68
102.2	Demobilization	Ls	1.00	\$ 1,396.00	\$ 1,396.00	Ls	1.00	\$ 2,600.00	\$ 2,600.00
104	Offices and Accomodations for the Engineer	Ls	1.00	\$ 6,825.00	\$ 6,825.00				
106	Laboratory Testing Services	Ls	1.00	\$ 1,738.00	\$ 1,738.00				
108	Traffic Management & Safety	Ls	1.00	\$ 1,900.00	\$ 1,900.00				
109	Field Engineering	Ls	1.00	\$ 3,300.00	\$ 3,300.00				
				Sub Total 100	\$ 16,555.00			Sub Total 100	\$ 10,125.68
200	EARTHWORKS								
204.1	Structure Excavation	Cu.m	7,835.79	\$ 3.89	\$ 30,481.21	Cu.m	7835.79	\$ 4.42	\$ 34,609.64
204.3a	Ordinary Backfill from Excavation	Cu.m	1,524.91	\$ 2.13	\$ 3,254.56	Cu.m	1524.91	\$ 3.04	\$ 4,642.73
205.1	Common Embankment	Cu.m	59.86	\$ 8.43	\$ 504.62	Cu.m	59.86	\$ 13.19	\$ 789.31
205.3a	Sand Compacted under Concrete Paving Block	Cu.m	120.21	\$ 21.58	\$ 2,594.05	Cu.m	120.21	\$ 25.64	\$ 3,082.09
				Sub Total 200	\$ 36,834.44			Sub Total 200	\$ 43,123.77
300	SUB BASE AND BASE COURSE								
301	Aggregate Sub-Base Course	Cu.m	1,876.71	\$ 45.91	\$ 86,159.76	Cu.m	1876.71	\$ 15.29	\$ 28,688.20
303.1	Aggregate Base Class A	Cu.m	1,821.32	\$ 63.43	\$ 115,526.49	Cu.m	1821.32	\$ 58.77	\$ 107,034.31
				Sub Total 300	\$ 201,686.25			Sub Total 300	\$ 135,722.50
400	SURFACE COURSE								
402	Bituminous Prima Coat (MC-70, Culback Asphalt)	Sq.m	9,807.90	\$ 3.15	\$ 30,894.89	Sq.m	9807.90	\$ 1.31	\$ 12,870.41
403	Bituminous Tack Coat (RC , Culback Asphalt)	Sq.m	7,738.95	\$ 1.96	\$ 15,168.34	Sq.m	7738.95	\$ 0.77	\$ 5,959.56
411(5a)	Asphalt Concrete Wearing Course (AC-WC), 40mm thick	Sq.m	7,738.95	\$ 40.56	\$ 313,891.81	Sq.m	7738.95	\$ 22.09	\$ 170,946.60
411(5b)	Asphalt Concrete Wearing Course (AC-WC), 50mm thick	Sq.m	2,068.95	\$ 49.13	\$ 101,647.51	Sq.m	2068.95	\$ 26.77	\$ 55,387.69
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Cu.m	464.34	\$ 684.97	\$ 318,056.91	Cu.m	464.34	\$ 498.65	\$ 231,541.63
				Sub Total 400	\$ 779,659.46			Sub Total 400	\$ 476,705.90
500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel	Kg	75,478.01	\$ 1.71	\$ 129,067.40	Kg	75478.01	\$ 1.59	\$ 119,859.08
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	176.51	\$ 136.91	\$ 24,166.33	Cu.m	176.51	\$ 98.29	\$ 17,348.68
506.1d	Structural Concrete 15 Mpa	Cu.m	897.86	\$ 144.94	\$ 130,136.41	Cu.m	897.86	\$ 181.75	\$ 163,186.27
506.1g	Structural Concrete Cyclope 15 Mpa	Cu.m	271.30	\$ 107.17	\$ 29,075.46	Cu.m	152.13	\$ 170.68	\$ 25,964.08
				Sub Total 500	\$ 312,445.60			Sub Total 500	\$ 326,358.11
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
601(1a)	RCPC 610mm diameter	Ln.m	1,457.00	\$ 328.21	\$ 478,201.97	Ln.m	1457.00	\$ 159.39	\$ 232,232.37
603.1	Manholes	Each	145.00	\$ 352.07	\$ 51,050.21	Each	145.00	\$ 280.08	\$ 40,611.76
606	Stone Masonry	Cu.m	164.96	\$ 68.08	\$ 11,229.66	Cu.m	164.96	\$ 71.83	\$ 11,848.59
				Sub Total 600	\$ 540,481.84			Sub Total 600	\$ 284,692.72
700	MISCELLANEOUS STRUCTURES								
701.2	Concrete Gutter	Ln.m	1,644.60	\$ 31.44	\$ 51,706.22	Ln.m	1644.60	\$ 17.75	\$ 29,195.08
702	SideWalk	Sq.m	708.69	\$ 36.47	\$ 25,845.92	Sq.m	708.69	\$ 20.38	\$ 14,443.10
702b	Accessible Sidewalk	Sq.m	424.26	\$ 40.76	\$ 17,292.84	Sq.m	424.26	\$ 47.86	\$ 20,305.08
707.3	Painting of Crash Barrier included Street Line	Ln.m	6,731.98	\$ 2.51	\$ 16,897.26	Sq.m	673.20	\$ 30.04	\$ 20,224.66
				Sub Total 700	\$ 111,742.24			Sub Total 700	\$ 84,167.92
				TOTAL	\$ 1,999,404.83			TOTAL	\$ 1,360,896.60



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

OVERHEAD

PROJECT TITLE : Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan DHL (Sta. 0+000 - 0+831.75), Kapela (sta, 0+000 - 0+747.35), Guardamor (sta. 0+000 - 0+251), Gang 1 (sta, 0+000 - 0+168,48), Gang 2 (sta, 0+288 - 0+455.45 & Gang 3 (sta. 0+275 -0+600)

PROJECT LOCATION : Suco Fatuhada, Postu Administrativu Dom. Aleixo, Municipiu Dili Timor - Leste

SECTION NO.	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND, I.P.			
		UNIT	QUANTITY	UNIT PRICE US\$	AMOUT US \$	UNIT	QUANTITY	UNIT PRICE US\$	AMOUT US\$
1	Security					Ls	1.00	\$ 1,050.00	\$ 1,050.00
2	Site Engineer					Ls	1.00	\$ 3,500.00	\$ 3,500.00
3	Material Testing					Ls	1.00	\$ 7,555.17	\$ 7,555.17
4	Report, Documentation & As-Built Drawing					Ls	1.00	\$ 500.00	\$ 500.00
5	Traffic Management & Safety					Ls	1.00	\$ 1,500.00	\$ 1,500.00
								TOTAL	\$ 14,105.17



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

SUMMARY

PROJECT TITLE : Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan
DHL (Sta. 0+000 - 0+831.75), Kapela (sta, 0+000 - 0+747.35), Guardamor (sta. 0+000 - 0+251), Gang 1 (sta, 0+000
- 0+168,48), Gang 2 (sta, 0+288 - 0+455.45 & Gang 3 (sta. 0+275 - 0+600)

PROJECT LOCATION : Suco Fatuhada, Postu Administrativu Dom. Aleixo, Municipiu Dili Timor - Leste

SECTION NO.	DESCRIPTION	AMOUNT (USD)
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	\$ -
A	CONSTRUCTION COST	\$ -
B	CONTRACTOR FEE (10% x A)	\$ -
C	OVERHEAD	\$ -
D	TAX (2% x (A+B+C))	\$ -
E	GRAND TOTAL (A+B+C+D)	\$ -



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

BILL OF QUANTITY

PROJECT TITLE : Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan DHL (Sta. 0+000 - 0+831.75), Kapela (sta. 0+000 - 0+251), Gang 1 (sta. 0+000 - 0+168,48), Gang 2 (sta. 0+288 - 0+455.45 & Gang 3 (sta. 0+275 - 0+600)

PROJECT LOCATION : Suco Fatuhada, Postu Administrativu Dom. Aleixo, Municipiu Dili Timor - Leste

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	\$	-
104	Offices and Accomodations for the Engineer				
106	Laboratory Testing Services				
108	Traffic Management & Safety				
109	Field Engineering			\$	-
200	EARTHWORKS				
204.1	Structure Excavation	Cu.m	7835.79	\$	-
204.3a	Ordinary Backfill from Excavation	Cu.m	1524.91	\$	-
205.1	Common Embankment	Cu.m	59.86	\$	-
205.3a	Sand Compacted under Concrete Paving Block	Cu.m	120.21	\$	-
				\$	-
300	SUB BASE AND BASE COURSE				
301	Aggregate Sub-Base Course	Cu.m	1876.71	\$	-
303.1	Aggregate Base Class A	Cu.m	1821.32	\$	-
				\$	-
400	SURFACE COURSE				
402	Bituminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	9807.90	\$	-
403	Bituminous Tack Coat (RC , Cutback Asphalt)	Sq.m	7738.95	\$	-
411(5a)	Asphalt Concrete Wearing Course (AC-WC), 40mm thick	Sq.m	7738.95	\$	-
411(5b)	Asphalt Concrete Wearing Course (AC-WC), 50mm thick	Sq.m	2068.95	\$	-
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Cu.m	464.34	\$	-
				\$	-
500	BRIDGE CONSTRUCTION				
505	Reinforcing Steel	Kg	75478.01	\$	-
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	176.51	\$	-
506.1d	Structural Concrete 15 Mpa	Cu.m	897.86	\$	-
506.1g	Structural Concrete Cyclope 15 Mpa	Cu.m	152.13	\$	-
				\$	-
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1a)	RCPC 610mm diameter	Ln.m	1457.00	\$	-
603.1	Manholes	Each	145.00	\$	-
606	Stone Masonry	Cu.m	164.96	\$	-
				\$	-
700	MISCELLANEOUS STRUCTURES				
701.2	Concrete Gutter	Ln.m	1644.60	\$	-
702	SideWalk	Sq.m	708.69	\$	-
702b	Accessible Sidewalk	Sq.m	424.26	\$	-
707.3	Painting of Crash Barrier included Street Line	Sq.m	673.20	\$	-
				\$	-
				\$	-



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

OVERHEAD

PROJECT TITLE : Obra Konstrusaun Estrada Urbana Lurumata no Drainagem Lurumata ba Dalan DHL (Sta. 0+000 - 0+831.75), Kapela (sta, 0+000 - 0+747.35), Guardamor (sta. 0+000 - 0+251), Gang 1 (sta, 0+000 - 0+168,48), Gang 2 (sta, 0+288 - 0+455.45 & Gang 3 (sta. 0+275 -0+600)

PROJECT LOCATION : Suco Fatuhada, Postu Administrativu Dom. Aleixo, Municipiu Dili Timor - Leste

SECTION NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE US\$	AMOUT US\$
1	Security	Ls	1.00	\$	-
2	Site Engineer	Ls	1.00	\$	-
3	Material Testing	Ls	1.00	\$	-
4	Report, Documentation & As-Built Drawing	Ls	1.00	\$	-
5	Traffic Management & Safety	Ls	1.00	\$	-
				TOTAL	\$ -



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



DIRECÇÃO GERAL DE ESTRADAS, PONTES, PREVENÇÃO E CONTROLO DE CHEIAS (DGEPPC)
UNIDADE DE GESTÃO DE PROJECTOS DE RESPOSTAS RÁPIDAS (UGPRR)
Avenida da Restauração, Raikotu, Dili, Timor-Leste

BILL OF QUANTITY

PROJECT TITLE:

OBRA KONSTRUSAUN ESTRADA URBANA LURUMATA NO DRAINAGEM LURUMATA BA
DALAN DHL (STA. 0+000 - STA. 0+831.75), KAPELA (STA. 0+000 - STA. 0+747.35), GUARDAMOR
(STA. 0+000 - STA. 0+251), GANG 1 (STA. 0+000 - STA. 0+168.48), GANG 2 (STA. 0+288 - STA. 0+455.45
& GANG 3 (STA. 0+275 - STA. 0+600)

COORDINATE: X = 780.511,9750 Y = 9.053.530,6970

PROJECT LOCATION:

SUCO FATUHADA, POSTU ADMINISTRATIVU DOM. ALEIXO, MUNICÍPIU DILI, TIMOR LESTE

OUTUBRO, 2024


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


DIRECÇÃO GERAL DE ESTRADAS, PONTES, PREVENÇÃO E controlo de CHEIAS (DGEPPCC)
UNIDADE DE GESTÃO DE PROJETOS DE RESPOSTAS RÁPIDAS (UGPRR)
Avenida da Restauração, Raíkotu, Dili, Timor Leste

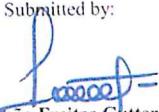
SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : OBRA KONSTRUSAUN ESTRADA URBANA LURUMATA BA DALAN DHL (STA. 0+000 - STA. 0+831.75), KAPELA (STA. 0+000 - STA. 0+747.35), GUARDAMOR (STA. 0+000 - STA. 0+251), GANG 1 (STA. 0+000 - STA. 0+168.48), GANG 2 (STA. 0+288 - STA. 0+455.45 & GANG 3 (STA. 0+275 - STA. 0+600)

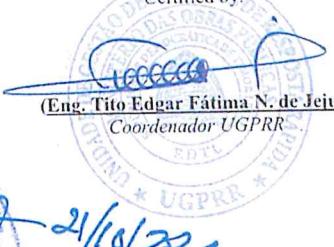
LOCATION OF PROJECT : SUCO FATUHADA, POSTU ADMINISTRATIVU DOM. ALEIXO, MUNICÍPIU DILI, TIMOR LESTE

SECTION NO.	DESCRIPTION	
100	GENERAL REQUIREMENTS	16,555.00
200	EARTHWORKS	36,834.44
300	SUB BASE AND BASE COURSE	201,686.25
400	SURFACE COURSE	779,659.46
500	BRIDGE CONSTRUCTION	312,445.60
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	540,481.84
700	MISCELLANEOUS STRUCTURES	111,742.24
Estimated Direct Cost (EDC)		(a) 1,999,404.83
Profit 10% of (a)		(b) 199,940.48
Tax 2% (a+b)		(c) 43,986.91
Bid Price Carried Forward to From of Bid (a+b+c)		(d) 2,243,332.22

Submitted by:


(Eng. Leão Freitas Gutteres)
Vice Coordenador I. UGPRR

Certified by:


(Eng. Tito Edgar Fátima N. de Jesus)
Coordenador UGPRR




REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
 IN GOVERNO CONSTITUCIONAL
MINISTÉRIO DAS OBRAS PÚBLICAS
Avenida So de Maia Dili, Timor Leste


DIRECÇAO GERAL DE ESTRADAS, PONTES, PREVENÇÃO E CONTROLO DE CICLAS (DGEPPCC)
UNIDADE DE GESTÃO DE PROJETOS DE RESPOSTAS RÁPIDAS (UGPRR)
Avenida da Restauração, Raialda, Dili, Timor Leste

BILL OF QUANTITIES

NAME OF PROJECT : OBRA KONSTRUSAUN ESTRADA URBANA LURUMATA NO DRAINAGEM LURUMATA BA DALAN DHL (STA. 0+000 - STA. 0+831.75), KAPELA (STA. 0+000 - STA. 0+747.35), GUARDAMOR (STA. 0+000 - STA. 0+251), GANG 1 (STA. 0+000 - STA. 0+168.48), GANG 2 (STA. 0+288 - STA. 0+455.45 & GANG 3 (STA. 0+275 - STA. 0+600)

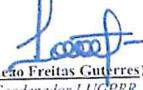
LOCATION OF PROJECT : SUCO FATUHADA, POSTU ADMINISTRATIVU DOM. ALEIXO, MUNICÍPIU DILI, TIMOR LESTE

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS				
102.1	Mobilization	Ls	1.00	\$ 1,396.00	\$ 1,396.00
102.2	Demobilization	Ls	1.00	\$ 1,396.00	\$ 1,396.00
104	Offices and Accomodations for the Engineer	Ls	1.00	\$ 6,825.00	\$ 6,825.00
106	Laboratory Testing Services	Ls	1.00	\$ 1,738.00	\$ 1,738.00
108	Traffic Management & Safety	Ls	1.00	\$ 1,900.00	\$ 1,900.00
109	Field Engineering	Ls	1.00	\$ 3,300.00	\$ 3,300.00
<i>Sub Total 100</i>					\$ 16,555.00
200	EARTHWORKS				
204.1	Structure Excavation	Cum	7,835.79	\$ 3.89	\$ 30,481.21
204.3a	Ordinary Backfill from Excavation	Cum	1,524.91	\$ 2.13	\$ 3,254.56
205.1	Common Embankment	Cum	59.86	\$ 8.43	\$ 504.62
205.3a	Sand Compacted under Concrete Paving Block	Cum	120.21	\$ 21.58	\$ 2,594.05
<i>Sub Total 200</i>					\$ 36,834.44
300	SUB BASE AND BASE COURSE				
301	Aggregate Sub-Base Course	Cum	1,876.71	\$ 45.91	\$ 86,159.76
303.1	Aggregate Base Class A	Cum	1,821.32	\$ 63.43	\$ 115,526.49
<i>Sub Total 300</i>					\$ 201,686.25
400	SURFACE COURSE				
402	Blauminous Prime Coat (MC-70, Cutback Asphalt)	Sq.m	9,807.90	\$ 3.15	\$ 30,894.89
403	Blauminous Tack Coat (RC , Cutback Asphalt)	Sq.m	7,738.95	\$ 1.96	\$ 15,168.34
411(5a)	Asphalt Concrete Wearing Course (AC-WC), 40mm thick	Sq.m	7,738.95	\$ 40.56	\$ 313,891.81
411(5b)	Asphalt Concrete Wearing Course (AC-WC), 50mm thick	Sq.m	2,068.95	\$ 49.13	\$ 101,647.51
411(6a)	Asphalt Concrete Binder Course (AC-BC), 60mm thick	Cum	464.34	\$ 684.97	\$ 318,056.91
<i>Sub Total 400</i>					\$ 779,659.46
500	BRIDGE CONSTRUCTION				
505	Reinforcing Steel	Kg	75,478.01	\$ 1.71	\$ 129,067.40
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cum	176.51	\$ 136.91	\$ 24,166.33
506.1d	Structural Concrete 15 Mpa	Cum	897.86	\$ 144.94	\$ 130,136.41
506.1g	Structural Concrete Cyclope 15 Mpa	Cum	271.30	\$ 107.17	\$ 29,075.46
<i>Sub Total 500</i>					\$ 312,445.60
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1a)	RPC 610mm diameter	Lm	1,457.00	\$ 328.21	\$ 478,201.97
603.1	Manholes	Each	145.00	\$ 352.07	\$ 51,050.21
606	Stone Masonry	Cum	164.96	\$ 68.08	\$ 11,229.66
<i>Sub Total 600</i>					\$ 540,481.84
700	MISCELLANEOUS STRUCTURES				
701.2	Concrete Gutter	Lm	1,644.60	\$ 31.44	\$ 51,706.22
702	SideWalk	Sq.m	708.69	\$ 36.47	\$ 25,845.92
702b	Accessible Sidewalk	Sq.m	424.26	\$ 40.76	\$ 17,292.84
707.3	Painting of Crush Barrier included Street Line	Lm	6,731.98	\$ 2.51	\$ 16,897.26
<i>Sub Total 700</i>					\$ 111,742.24
TOTAL					\$ 1,999,404.83

Prepared by:


(Eng. Mario dos Santos)
 Engenheiro de Custos UGPRR

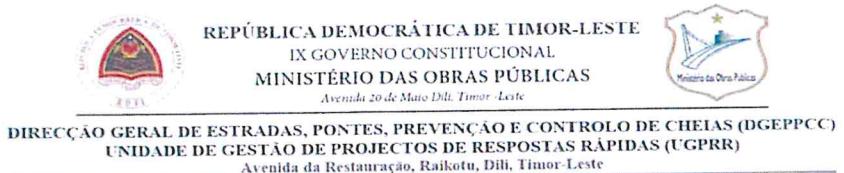
Checked by:


(Eng. Leão Freitas Guterres)
 Vice Coordenador I UGPRR

Certified by:




(Eng. Tito Edgar Fátima N. de Jesus)
 Coordenador UGPRR



TIME SCHEDULE

PROJECT TITLE:

OBRA KONSTRUSAUN ESTRADA URBANA LURUMATA NO DRAINAGEM LURUMATA BA
DALAN DHL (STA. 0+000 - STA. 0+831.75), KAPELA (STA. 0+000 - STA. 0+747.35), GUARDAMOR
(STA. 0+000 - STA. 0+251), GANG 1 (STA. 0+000 - STA. 0+168.48), GANG 2 (STA. 0+288 - STA. 0+455.45
& GANG 3 (STA. 0+275 - STA. 0+600)

COORDINATE: X = 780.511,9750 Y = 9.053.530,6970

PROJECT LOCATION:

SUCO FATUHADA, POSTU ADMINISTRATIVU DOM. ALEIXO, MUNICÍPIU DILI, TIMOR LESTE

OUTUBRO, 2024



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

(10)

Dili, 19 de Março de 2025

Ref : 0407 /ADN, I.P./III/2025

Hato' o ba : Sr. Eng. Aleixo Amaral do Carmo
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOP

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

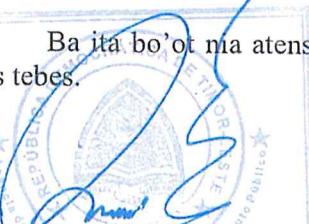
Asuntu : Rezultado Verifikasiasaun – Project Konstrusaun Moru Protesaun Mota
Mantelolau, Suco Mantelolaun, Municipio Dili

de

Ho Respeito,

Bazeia ba karta pedidu verifikasiasaun ho no ref: 163/UIVP-MOP/II/2025 ho data 19 de Fevereiro de 2025, ba asuntu ne'ebe mensiona iha leten, ekipa verifikasiasaun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasiasaun ba dokumentu refere. Ho nune'e bele hare rezultado verifikasiasaun iha (aneksu).

Ba ita bo'ot ma atensaun ami hato' o agradecimento wain no subkreve ho konsiderasaun a'as tebes.


Rui Lourenço da Costa
Diretor Executivo - ADN, I.P.



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 : 20 - 02 - 2025 | Data do Documentos : 19 - 02 - 25

Husi : MOP - UIVP

No. Ref: 163 / UIVP - MOP / II / 2025

Projecto : Konstrusaun Maru Prosesaun
Anexo : * USB : 1
Mota Mantelolaun Metinaro
Municipio Dili * BOQ + Desenho
Quantidade Documentos : ... 2

Assuntos :

Pedido Verifikasi

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

Afu Verifica fur prozedurear Autentikasjonspunkt Data: 20/04/25

Date: 20/04/15

Asesor/a

O Asesor/a

O Gabinete DE / Base de Dadus

Other

Date: 20/04/25

10/10/2019

Miller 2000



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN
NARAN PROJECTO : Konst. Moru protesaun Mota Mantelolau
Metinaro, 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>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 Projetu 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	✓



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



Ministério das Obras Públicas

Unidade do Inspeção e Verificação Para Pagamento - MOP

Data, 19. Fevereiro de 2025

Hato'o ba :	Sr.Rui Lourenço da Costa Director Executivo-ADN, I. P.
CC:	
No.ref :	...163...../UIVP-MOP/II/2025
Assuntu :	Pedido Verifikasi
Fontes de Orsamento :	Emergencia
Alokasaun orsamento Tinan :	2025
Naran Projetu :	Konstrusaun Moru Protesaun Mota Mantelolaun Metinaro,Suco Mantelolaun,Posto Administrativo Metinaro,Municipio Dili

Ho respeitu,

Baseia ba asuntu iha leten, Unidade do Inspeção e Verificação Para Pagamento - MOP enkaminha dokumentus ba projeto Konstrusaun Moru Protesaun Mota Mantelolaun Metinaro,Suco Mantelolaun,Posto Administrativo Metinaro,Municipio Dilia bele hetan verifikasi 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..



Koordenador Geral Unidade do Inspeção e Verificação Para Pagamento - MOP



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



NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO
LOCATION OF PROJECT : SUCO MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICIPIO DILI

SUMMARY

SECTION NO.	DESCRIPTION	AMOUNT
100	GENERAL REQUIREMENTS	\$ 6,325.68
200	EARTHWORKS	\$ 55,832.19
500	BRIDGE CONSTRUCTION	\$ 1,280,600.30
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 3,540.00
700	MISCELLANEOUS STRUCTURES	\$ 19694.80053
A	COST CONSTRUCTION	\$ 1,365,992.97
B	CONTRACTOR FEE (10% X A)	\$ 136,599.30
C	OVERHEAD	\$ 7,350.00
D	TAX 2% X (A+B+C)	\$ 30,198.85
E	GRAND TOTAL (A+B+C+D)	\$ 1,540,141.11

Verified by :

1. Eng. Amorin S. Menezes
Engineer of UIVP-MOP

Checked By :

Eng. Martinho da Costa Graciano
Chefe Seksau Verifikasi UIVP-MOP

2. Arq. Jerico Nunes C. Alves
Engineer of UIVP-MOP

Certified By :

Eng. Aleixo Amaral do Carmo
Coordenador Geral UIVP-MOP





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



BILL OF QUANTITIES

NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO
LOCATION OF PROJECT : SUCO MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS				
102.1	Mobilization	Ls	1.00	\$ 4,175.68	\$ 4,175.68
102.2	Demobilization	Ls	1.00	\$ 2,150.00	\$ 2,150.00
<i>Sub Total 100</i>					\$ 6,325.68
200	EARTHWORKS				
203.1	Unsuitable Excavation	Cu.m	3,937.100	\$ 1.98	\$ 7,792.46
204.1	Structure Excavation	Cu.m	11,744.160	\$ 3.11	\$ 36,547.19
204.3a	Ordinary Backfill from excavation	Cu.m	3,133.930	\$ 3.67	\$ 11,492.54
<i>Sub Total 200</i>					\$ 55,832.19
500	BRIDGE CONSTRUCTION				
506.1c	Concrete 10 Mpa (Lean Concrete)	Cu.m	280.000	\$ 104.90	\$ 29,372.70
506.1e	Structural Concrete Cyclop 21 Mpa	Cu.m	7,706.400	\$ 162.36	\$ 1,251,227.60
<i>Sub Total 500</i>					\$ 1,280,600.30
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
604.4a	PVC 2" Dia.	Ln.m	1,416.000	\$ 2.50	\$ 3,540.00
<i>Sub Total 600</i>					\$ 3,540.00
700	MISCELLANEOUS STRUCTURES				
714.4	Concrete Expansion Joint	Ln.m	323.63	\$ 60.86	\$ 19,694.80
	<i>Sub Total 700</i>				\$ 19,694.80
	TOTAL				\$ 1,365,992.97



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

Avenida 20 de Maio Dili, Timor -Leste



NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO
LOCATION OF PROJECT : SUCO MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICIPIO DILI

OVERHEAD

Item No.	Item Description	Unit	Quantity	Unit Rate	Amount
1	Contractor's Site engineer	Ls	1.00	\$ 3,000.00	\$ 3,000.00
2	Contractor's Site Security (for 2 person)	Ls	1.00	\$ 1,800.00	\$ 1,800.00
3	Health & safety protection	Ls	1.00	\$ 500.00	\$ 500.00
4	Material sampling & testing	Ls	1.00	\$ 1,500.00	\$ 1,500.00
5	Report & documentation, as built drawing	Ls	1.00	\$ 550.00	\$ 550.00
TOTAL AMOUNT					\$ 7,350.00



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

RESTRUTURAÇÃO DA MORU PROTESAUN MOTA MANTELOLAUN METINARO

: SUCU MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICIPIO DILI

TIME SCHEDULE

NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO
 LOCATION OF PROJECT : SUCU MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	AMOUNT US \$	WEIGHT (%)	Month I	Month II	Month III	Month IV	Month V	Month VI	REMARKS
100 GENERAL REQUIREMENTS										
102.1 Mobilization	\$ 4,175.68	0.31%								
102.2 Demobilization	\$ 2,150.00	0.16%								
Sub Total 100	\$ 6,325.68									
200 EARTHWORKS										
203.1 Unsuitable Excavation	\$ 7,792.46	0.57%								
204.1 Structure Excavation	\$ 36,547.19	2.68%								
204.3a Ordinary Backfill from excavation	\$ 11,492.54	0.84%								
Sub Total 200	\$ 55,832.19									
500 BRIDGE CONSTRUCTION										
506.1c Concrete 10 Mpa (Lean Concrete)	\$ 29,372.70	2.15%								
506.1e Structural Concrete Cyclop 21 Mpa	\$ 1,251,227.60	91.60%								
Sub Total 500	\$ 1,280,600.30									
600 DRAINAGE AND SLOPE PROTECTION STRUCTURES										
604.4a PVC 2" Dia.	\$ 3,540.00	0.26%								
Sub Total 600	\$ 3,540.00									
700 MISCELLANEOUS STRUCTURES										
714.4 Concrete Expansion Joint	\$ 19,694.80	1.44%								
Sub Total 700	\$ 19,694.80									
TOTAL	\$ 1,365,992.97									
Weekly Progress (Planning)		0.59%								
Cumulative (Planning)		0.00%								
		0.59%								
		25.63%								
		50.59%								
		75.56%								
		99.63%								
		100.00%								

Verified by:
 1. Arq. Jerônimo C. Alves
 Engineer of UIVP-MOP
 2. Eng. Amorim S. Mendes
 Engineer of UIVP-MOP

PAY ITEM NO.	102(1)			UNIT :	lumpsum
ITEM DESCRIPTION:	Mobilization			OUTPUT:	1.00
REF. NO.	QTY. PRICE COMPONENT	UNIT	NO. OF HR.	HOURLY RATE	AMOUNT
	A. EQUIPMENT				
E4	1 Wheel Loader, 1.80 cu.m.	trip	1	400.00	400.00
E7	1 Hydraulic Excavator, 0.90 cu.m.	trip	1	400.00	400.00
E8	1 Motor Grader, 125HP	trip	1	400.00	400.00
E22	0 Asphalt Paver/Finisher, 4.0m width	trip	1	400.00	-
E26	0 Pneumatic Tired Roller, 10T	trip	1	400.00	-
E26a	1 Vibratory Drum Roller 3T - 5 T Capacity	trip	1	400.00	400.00
E26b	1 Tandem roller	trip	1	400.00	400.00
E29	0 Mobile Air Compressor, 456-500 cfm	trip	1	50.00	-
	TOTAL A				2,000.00
	B. BASE CAMP AND FACILITIES				
	1 Rental of Land for base camp	LS	1	500.00	500.00
	1 Base Camp	Ls			-
	1 Office	sq.m.	20	25.00	500.00
	1 Labor Quarters	sq.m.	24	25.00	600.00
	1 Workshop	sq.m.	0		-
	0 Warehouse	sq.m.	15	25.00	-
	1 Others	LS	0		-
	TOTAL B				1,600.00
	TOTAL A + B				3,600.00
	C. UNIT COST = (A + B)/Output per hour				3,600.00
REF. NO.	TEMPORARY WORKS	UNIT	QUANTITY	UNIT COST	AMOUNT
	D. TEMPORARY WORKS				
	1 Temporay Access Road	LS	1	500.00	500.00
	1 Maintenance Work	LS	0		-
	1 Project Sign Board	LS	1	75.68	75.68
	TOTAL D				575.68
	E. ESTIMATED DIRECT COST (EDC) = C + D				4,175.68
	F. Overhead	=	0%	of E	-
	G. PROFIT	=	0%	of E	-
	H. TAX	=	0%	of (E+F+G)	-
	I. TOTAL UNIT COST				4,175.68



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO

LOCATION OF PROJECT : SUCO MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICIPIO DILI

SECTION NO.	DESCRIPTION	VERIFIED BY OWNER AMOUNT (USD)	VERIFIED BY ADN, I.P. AMOUNT (USD)
100	GENERAL REQUIREMENTS	\$ 6.325,68	\$ 5.525,68
200	EARTHWORKS	\$ 55.832,19	\$ 50.115,65
500	BRIDGE CONSTRUCTION	\$ 1.280.600,30	\$ 1.283.145,85
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 3.540,00	\$ 3.306,36
700	MISCELLANEOUS STRUCTURES	\$ 19.694,80	\$ 4.818,45
A	COST CONSTRUCTION	\$ 1.365.992,97	\$ 1.346.911,99
B	CONTRACTOR FEE (10% X A)	\$ 136.599,30	\$ 134.691,20
C	OVERHEAD	\$ 7.350,00	\$ 17.656,00
D	TAX 2% X (A+B+C)	\$ 30.198,85	\$ 29.985,18
E	GRAND TOTAL (A+B+C+D)	\$ 1.540.141,11	\$ 1.529.244,37

Verified by :


(Eng. Mário Gusmão Mendeita)
Enjineir Civil, UAP - ADN, I.P.

Checked By :


(Eng. Rogerio Marcal Pires)
Chefe Departamentu, ITIAS, UAP- ADN, I.P.

Certified By :


(Arch. José Fernando Liu Soares)
Coordenador UAP - ADN, I.P.
18/3/25



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITY

NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO

LOCATION OF PROJECT : SUCO MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICÍPIO DILI

PAY ITEM	ITEM DESCRIPTION	VERIFIED BY OWNER			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	\$ 4.175,68	\$ 4.175,68	Ls	1,00	\$ 3.775,68	\$ 3.775,68
102,2	Demobilization	Ls	1,00	\$ 2.150,00	\$ 2.150,00	Ls	1,00	\$ 1.750,00	\$ 1.750,00
	Sub Total 100				\$ 6.325,68				\$ 5.525,68
200	EARTHWORKS								
203,1	Unsuitable Excavation	Cu.m	3937,10	\$ 1,98	\$ 7.792,46	Cu.m	3937,10	\$ 1,93	\$ 7.583,17
204,1	Structure Excavation	Cu.m	11744,16	\$ 3,11	\$ 36.547,19	Cu.m	11744,16	\$ 2,81	\$ 33.001,73
204,3a	Ordinary Backfill from excavation	Cu.m	3133,93	\$ 3,67	\$ 11.492,54	Cu.m	3133,93	\$ 3,04	\$ 9.530,76
	Sub Total 200				\$ 55.832,19				\$ 50.115,65
500	BRIDGE CONSTRUCTION								
506,1c	Concrete 10 Mpa (Lean Concrete)	Cu.m	280,00	\$ 104,90	\$ 29.372,70	Cu.m	280,00	\$ 106,15	\$ 29.720,75
506,1e	Structural Concrete Cyclop 21 Mpa	Cu.m	7706,40	\$ 162,36	\$ 1.251.227,60	Cu.m	7706,40	\$ 162,65	\$ 1.253.425,10
	Sub Total 500				\$ 1.280.600,30				\$ 1.283.145,85
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
604,4a	PVC 2" Dia.	Ln.m	1416,00	\$ 2,50	\$ 3.540,00	Ln.m	1416,00	\$ 2,34	\$ 3.306,36
	Sub Total 600				\$ 3.540,00				\$ 3.306,36
700	MISCELLANEOUS STRUCTURES								
714,4	Concrete Expansion Joint	Ln.m	323,63	\$ 60,86	\$ 19.634,80	Sqm	647,25	\$ 7,44	\$ 4.818,45
	Concrete Expansion Joint								
	Sub Total 700				\$ 19.634,80				\$ 4.818,45
	TOTAL				\$ 1.365.992,97				\$ 1.346.911,99



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

NAME OF PROJECT : KONSTRUSAIN MORU PROTESAUN MOTA MANTELOLAUN METINARO

LOCATION OF PROJECT : SUCOMANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICÍPIO DILLI

PAY ITEM	ITEM DESCRIPTION	VERIFIED BY OWNER			VERIFIED BY ADN, I.P.				
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
I PROJECT TEAM									
1	Project Manager					Ls	1,00	\$ 3,000,00	\$ 3,000,00
2	Contractor's Site engineer		1,00	\$ 3,000,00	\$ 3,000,00	Ls	1,00	\$ 3,000,00	\$ 3,000,00
3	Administration					Ls	1,00	\$ 600,00	\$ 600,00
4	Contractor's Site Security	Ls	1,00	\$ 1,800,00	\$ 1,800,00	Ls	1,00	\$ 900,00	\$ 900,00
II OPERATIONAL COST									
1	Health & safety protection	Ls	1,00	\$ 500,00	\$ 500,00	Ls	1,00	\$ 250,00	\$ 250,00
2	Material sampling & testing	Ls	1,00	\$ 1,500,00	\$ 1,500,00	Ls	1,00	\$ 9486,00	\$ 9486,00
3	Report & documentation, as built drawing	Ls	1,00	\$ 550,00	\$ 550,00	Ls	1,00	\$ 420,00	\$ 420,00
					TOTAL AMOUNT			\$ 17,656,00	



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO

LOCATION OF PROJECT : SUCO MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICIPIO DILI

SECTION NO.	DESCRIPTION	AMOUNT (USD)
100	GENERAL REQUIREMENTS	\$ -
200	EARTHWORKS	\$ -
500	BRIDGE CONSTRUCTION	\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ -
700	MISCELLANEOUS STRUCTURES	\$ -
A	COST CONSTRUCTION	\$ -
B	CONTRACTOR FEE (10% X A)	\$ -
C	OVERHEAD	\$ -
D	TAX 2% X (A+B+C)	\$ -
E	GRAND TOTAL (A+B+C+D)	\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITY

NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO

LOCATION OF PROJECT : SUCO MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, 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	\$ -	\$ -
	Sub Total 100				\$ -
200	EARTHWORKS				
203,1	Unsuitable Excavation	Cu.m	3937,10	\$ -	\$ -
204,1	Structure Excavation	Cu.m	11744,16	\$ -	\$ -
204.3a	Ordinary Backfill from excavation	Cu.m	3133,93	\$ -	\$ -
	Sub Total 200				\$ -
500	BRIDGE CONSTRUCTION				
506.1c	Concrete 10 Mpa (Lean Concrete)	Cu.m	280,00	\$ -	\$ -
506.1e	Structural Concrete Cyclop 21 Mpa	Cu.m	7706,40	\$ -	\$ -
	Sub Total 500				\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
604.4a	PVC 2" Dia.	Ln.m	1416,00	\$ -	\$ -
	Sub Total 600				\$ -
700	MISCELLANEOUS STRUCTURES				
714,4	Concrete Expansion Joint	Sq.m	647,25	\$ -	\$ -
	Sub Total 700				\$ -
	TOTAL				\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

NAME OF PROJECT : KONSTRUSAUN MORU PROTESAUN MOTA MANTELOLAUN METINARO

LOCATION OF PROJECT : SUCO MANTELOLAUN, POSTO ADMINISTRATIVO METINARO, MUNICIPIO DILI

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
I	PROJECT TEAM				
1	Project Manager	Ls	1,00	\$ -	\$ -
2	Contractor's Site engineer	Ls	1,00	\$ -	\$ -
3	Administration	Ls	1,00	\$ -	\$ -
4	Contractor's Site Security	Ls	1,00	\$ -	\$ -
II	OPERATIONAL COST				
1	Health & safety protection	Ls	1,00	\$ -	\$ -
2	Material sampling & testing	Ls	1,00	\$ -	\$ -
3	Report & documentation, as built drawing	Ls	1,00	\$ -	\$ -
	TOTAL AMOUNT				\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

(1)

Dili, 30 de Junho de 2025

Ref : 1126 /ADN, I.P./VI/2025

Hato' o ba : Sr. Eng. Aleixo Amaral do Carmo
Koordenador Unidade de Inspecção e Verificação para Pagamento – MOP

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

Asuntu : Resultado Verifikasiasaun – Projeto Rehabilitasaun Seksau Estrada Local Aileu – Faturasa Sta. 0+000.00-11+580.00, Suco Faturasa, Municipio Aileu

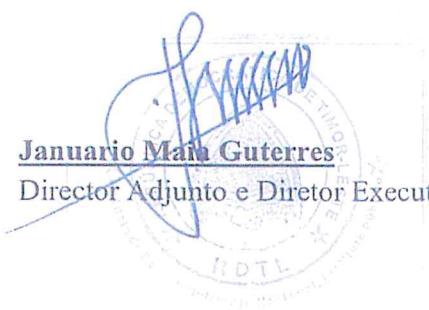
Ho Respeito,

Bazeia ba karta pedidu verifikasiasaun ho no ref: 598/UIVP-MOP/V/2025 ho data 15 de Maio de 2025, ba asuntu ne'ebe mensiona iha leten, ekipa verifikasiasaun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasiasaun ba dokumentu refere. Ho nune'e bele hare rezultado verifikasiasaun iha (aneksu).

Ba ita bo'ot nia atensaun ami hato'o agradecimento wain no subkreve ho konsiderasaun a'as tebes.

Januário Matos Guterres

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



ok



Bedik-Hum, Fatuhad
Dili - Timor-Leste
info@mopc.gov.tl
+670 3310 289



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 16-05-2025

Data do Documentos : 15-05-25

Husi : MOP - UIVP

No. Ref : S90 / UIVP-MOP /U/2025

Projecto :

Reabilitasau Sesau Estrada
local Aileu - Fatuosa.(STA.01000 - 11+
S80).

Quantidade Documentos : 1.....

Anexo :

BOQ + Desenho = 1

Nb : USB Anexo Doc. No.
Ref : S90

Assuntos :

Pedido Verifikasi

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

Solicitação UAT atende

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

Data : 16-05-25

Rui Lourenço da Costa
Director Executivo ADN



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, 15 de Maio de 2025

Hato'ba :	<u>Sr.Rui Lourenço da Costa</u> Director Executivo-ADN, I. P.
No.ref :	<u>5g8... /UIVP-MOP/V/2025</u>
Assuntu :	Pedido Verifikasiun
Fontes de Orsamento :	Emergency
Tinan Alokasaun Orsamento :	2025
Naran Projetu :	Reabilitasaun Seksau Estrada Local Aileu-Faturusa (Sta.0+000-Sta.11+580) Suco Faturusa,Posto Administrativo Remexio,Municipio Aileu

Ho respeitu,

Refere ba asuntu iha leten, Unidade do Inspeção e Verificação Para Pagamento - MOP enkaminha dokumentus ba projeto **Reabilitasaun Seksau Estrada Local Aileu-Faturusa (Sta.0+000-Sta.11+580) Suco Faturusa,Posto Administrativo Remexio,Municipio Aileu**. hodi bele hetan verifikasiun husi ADN, I. P.

Nudar informasaun, orsamentu ba projetu 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 : *Rehabilitasauw Seksauw Estrada Local Aileu-
faturusca (sta. 04000 - 11 + 580) suco faturusca
posto Adm. Remexio, Municipio Aileu.*

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 Timan	✓
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 ! 5go</i>	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	✓



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

NAME OF PROJECT : REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000- 11+580)

LOCATION OF PROJECT : SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICIPIO AILEU

SECTION NO.	DESCRIPTION	OWNER ESTIMATE	VERIFIED BY ADN,I.P.
		AMOUNT US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS	\$ 21,445.28	\$ 6,729.35
200	EARTHWORKS	\$ 176,749.83	\$ 123,433.20
300	SUB BASE AND BASE COURSE	\$ 1,264,778.35	\$ 630,997.97
500	BRIDGE CONSTRUCTION	\$ 201,899.16	\$ 184,965.48
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 856,028.76	\$ 684,184.47
A	Estimated Direct Cost (EDC)	2,520,901.38	\$ 1,630,310.47
B	Profit 10% of (A)	252,090.14	\$ 163,031.05
C	Overhead		\$ 18,179.00
D	Tax 2% (A+B+C)	55,459.83	\$ 36,230.41
E	Bid Price Carried Forward to From of Bid (A+B+C+D)	2,828,451.35	\$ 1,847,750.93

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 L. Soares
Coordenador. UAP - ADN.IP
27/6/25



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000-11+580)

LOCATION OF PROJECT : SUCU FATURUSA, POSTU ADMINISTRATIVO REMIXIO, 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	\$ 850.00	\$ 850.00	Ls	1.00	\$ 4,079.35	\$ 4,079.35
102.2	Demobilization	Ls	1.00	\$ 850.00	\$ 850.00	Ls	1.00	\$ 2,650.00	\$ 2,650.00
106	Laboratory Testing Services	Ls	1.00	\$ 14,795.28	\$ 14,795.28				
108	Traffic Management & Safety	Ls	1.00	\$ 1,850.00	\$ 1,850.00				
109	Field Engineering	Ls	1.00	\$ 3,100.00	\$ 3,100.00				
<i>Sub Total 100</i>					\$ 21,445.28				\$ 6,729.35
200	EARTHWORKS								
203.2	Surplus Common Excavation	Cu.m	432.00	\$ 3.37	\$ 1,455.84	Cu.m	432.00	\$ 2.05	\$ 885.57
204.1	Structure Excavation	Cu.m	105.60	\$ 3.37	\$ 355.87	Cu.m	105.60	\$ 2.89	\$ 305.53
204.3	Foundation fill	Cu.m	19.51	\$ 18.79	\$ 366.67	Cu.m	19.51	\$ 17.86	\$ 348.59
204.3a	Ordinary Backfill from Excavation	Cu.m	2,862.36	\$ 3.79	\$ 10,856.07	Cu.m	2862.36	\$ 3.71	\$ 10,605.71
204.6	Pipe culvert and Drain Excavation	Cu.m	11,343.850	\$ 4.21	\$ 47,757.61	Cu.m	11343.85	\$ 2.89	\$ 32,820.95
205.2	Selected Embankment	Cu.m	1,845.05	\$ 27.45	\$ 50,646.57	Cu.m	1845.05	\$ 17.86	\$ 32,959.31
206.1	Subgrade Preparation (Common Material)	Sq.m	69,480.00	\$ 0.94	\$ 65,311.20	Sq.m	69480.00	\$ 0.65	\$ 45,507.54
<i>Sub Total 200</i>					\$ 176,749.83				\$ 123,433.20
300	SUB BASE AND BASE COURSE								
307d	Plum Concrete 21 Mpa	Cu.m	6,948.00	\$ 182.03	\$ 1,264,778.35	Cu.m	6948.00	\$ 90.82	\$ 630,997.97
<i>Sub Total 300</i>					\$ 1,264,778.35				\$ 630,997.97
500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel	Kg	47,314.86	\$ 1.88	\$ 88,951.94	Kg	47314.86	\$ 1.66	\$ 78,495.35
506.1a	Structural Concrete 25 Mpa	Cu.m	466.05	\$ 228.62	\$ 106,549.34	Cu.m	466.05	\$ 217.87	\$ 101,536.48
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	39.77	\$ 160.88	\$ 6,397.88	Cu.m	39.77	\$ 124.06	\$ 4,933.65
<i>Sub Total 500</i>					\$ 201,899.16				\$ 184,965.48
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
601(1c)	RCPC 1070mm diameter	Ln.m	60.00	\$ 446.84	\$ 26,810.55	Ln.m	60.00	\$ 328.71	\$ 19,722.56
606	Stone Masonry	Cu.m	9,395.02	\$ 87.76	\$ 824,470.05	Cu.m	9395.02	\$ 70.37	\$ 661,131.92
610	Gabrons	Cu.m	64.00	\$ 74.19	\$ 4,748.16	Cu.m	64.00	\$ 52.03	\$ 3,329.99
<i>Sub Total 600</i>					\$ 856,028.76				\$ 684,184.47
TOTAL					\$ 2,520,901.38				\$ 1,630,310.47



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

NAME OF PROJECT : REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000- 11+580)

LOCATION OF PROJECT : SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICIPIO AILEU

Pay Item	Item Description	Unit	Quantity	Rate	Amount
I	PROJECT TEAM				
1	Site Engineer	Ls	1.00	\$ 4,000.00	\$ 4,000.00
2	Surveyor	Ls	1.00	\$ 1,000.00	\$ 1,000.00
3	Logistics	Ls	1.00	\$ 1,000.00	\$ 1,000.00
4	Administration	Ls	1.00	\$ 800.00	\$ 800.00
5	Security	Ls	1.00	\$ 1,200.00	\$ 1,200.00
II	KUSTU OPERASIONAL				
1	Stationary	Ls	1.00	\$ 160.00	\$ 160.00
2	Communication	Ls	1.00	\$ 240.00	\$ 240.00
3	Meetings	Ls	1.00	\$ 160.00	\$ 160.00
4	Electricity	Ls	1.00	\$ 480.00	\$ 480.00
5	Water	Ls	1.00	\$ 480.00	\$ 480.00
6	Daily, weekly, monthly reports	Ls	1.00	\$ 160.00	\$ 160.00
7	Shop drawings, as built drawings	Ls	1.00	\$ 200.00	\$ 200.00
III	KUSTU SERVISU APOIO NIAN				
1	Material Testing	Ls	1.00	\$ 7,979.00	\$ 7,979.00
2	Personal protective equipment (PPE)	Ls	1.00	\$ 320.00	\$ 320.00
	TOTAL				\$ 18,179.00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

NAME OF PROJECT : REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000- 11+580)

LOCATION OF PROJECT : SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICIPIO AILEU

SECTION NO.	DESCRIPTION	AMOUNT US \$
100	GENERAL REQUIREMENTS	\$ -
200	EARTHWORKS	\$ -
300	SUB BASE AND BASE COURSE	\$ -
500	BRIDGE CONSTRUCTION	\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ -
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 : REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000- 11+580)

LOCATION OF PROJECT : SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICIPIO AILEU

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				
203.2	Surplus Common Excavation	Cu.m	432.00	\$ -	\$ -
204.1	Structure Excavation	Cu.m	105.60	\$ -	\$ -
204.3	Foundation fill	Cu.m	19.51	\$ -	\$ -
204.3a	Ordinary Backfill from Excavation	Cu.m	2862.36	\$ -	\$ -
204.6	Pipe culvert and Drain Excavation	Cu.m	11343.85	\$ -	\$ -
205.2	Selected Embankment	Cu.m	1845.05	\$ -	\$ -
206.1	Subgrade Preparation (Common Material)	Sq.m	69480.00	\$ -	\$ -
<i>Sub Total 200</i>					\$ -
300	SUB BASE AND BASE COURSE				
307d	Plum Concrete 21 Mpa	Cu.m	6948.00	\$ -	\$ -
<i>Sub Total 300</i>					\$ -
500	BRIDGE CONSTRUCTION				
505	Reinforcing Steel	Kg	47314.86	\$ -	\$ -
506.1a	Structural Concrete 25 Mpa	Cu.m	466.05	\$ -	\$ -
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	39.77	\$ -	\$ -
<i>Sub Total 500</i>					\$ -
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1c)	RCPC 1070mm diameter	Ln.m	60.00	\$ -	\$ -
606	Stone Masonry	Cu.m	9395.02	\$ -	\$ -
610	Gabions	Cu.m	64.00	\$ -	\$ -
<i>Sub Total 600</i>					\$ -
TOTAL					\$ -



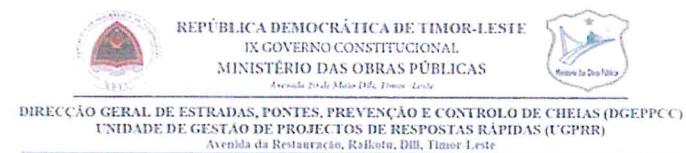
AGÈNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

NAME OF PROJECT : REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000- 11+580)

LOCATION OF PROJECT : SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICIPIO AILEU

Pay Item	Item Description	Unit	Quantity	Rate	Amount
I	PROJECT TEAM				
1	Site Engineer	Ls	1.00	\$ -	\$ -
2	Surveyor	Ls	1.00	\$ -	\$ -
3	Logistics	Ls	1.00	\$ -	\$ -
4	Administration	Ls	1.00	\$ -	\$ -
5	Security	Ls	1.00	\$ -	\$ -
II	KUSTU OPERASIONAL				
1	Stationary	Ls	1.00	\$ -	\$ -
2	Communication	Ls	1.00	\$ -	\$ -
3	Meetings	Ls	1.00	\$ -	\$ -
4	Electricity	Ls	1.00	\$ -	\$ -
5	Water	Ls	1.00	\$ -	\$ -
6	Daily, weekly, monthly reports	Ls	1.00	\$ -	\$ -
7	Shop drawings, as built drawings	Ls	1.00	\$ -	\$ -
III	KUSTU SERVISU APOIO NIAN				
1	Material Testing	Ls	1.00	\$ -	\$ -
2	Personal protective equipment (PPE)	Ls	1.00	\$ -	\$ -
	TOTAL				\$ -



BILL OF QUANTITY

PROJECT TITLE:

REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000- 11+580)

COORDINATE

STAR POINT=800668.496Y=9041496.039

END POINT X=806526.451Y=9038004.049

PROJECT LOCATION:

SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICPIO AILEU

MARCH, 2025

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000- 11+580)

LOCATION OF PROJECT : SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICIPIO AILEU

SECTION NO.	DESCRIPTION	
100	GENERAL REQUIREMENTS	21,445.28
200	EARTHWORKS	176,749.83
300	SUB BASE AND BASE COURSE	1,264,778.35
500	BRIDGE CONSTRUCTION	201,899.16
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	856,028.76
Estimated Direct Cost (EDC)	(a)	2,520,901.38
Profit 10% of (a)	(b)	252,090.14
Tax 2% (a+b)	(c)	55,459.83
Bid Price Carried Forward to From of Bid (a+b+c)	(d)	2,828,451.35

Submitted by:


(Eng. Leão Freitas Guterres)
Vice Coordenador I, UGPRR

Certified by:


(Eng. Tito Edgar Fátima N. de Jesus)
Coordenador UGPRR



BILL OF QUANTITIES

NAME OF PROJECT : REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA,(STA.0+000-11+580)

LOCATION OF PROJECT : SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICIPIO AILEU

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS				
102.1	Mobilization	Ls	1.00	\$ 850.00	\$ 850.00
102.2	Demobilization	Ls	1.00	\$ 850.00	\$ 850.00
106	Laboratory Testing Services	Ls	1.00	\$ 14,795.28	\$ 14,795.28
108	Traffic Management & Safety	Ls	1.00	\$ 1,850.00	\$ 1,850.00
109	Field Engineering	Ls	1.00	\$ 3,100.00	\$ 3,100.00
<i>Sub Total 100</i>					\$ 21,445.28
200	EARTHWORKS				
203.2	Surplus Common Excavation	Cum	432.000	\$ 3.37	\$ 1,455.84
204.1	Structure Excavation	Cum	105.60	\$ 3.37	\$ 355.87
204.3	Foundation fill	Cum	19.51	\$ 18.79	\$ 366.67
204.3a	Ordinary Backfill from Excavation	Cum	2,862.36	\$ 3.79	\$ 10,856.07
204.6	Pipe culvert and Drain Excavation	Cum	11,343.850	\$ 4.21	\$ 47,757.61
205.2	Selected Embankment	Cum	1,845.05	\$ 27.45	\$ 50,646.57
206.1	Subgrade Preparation (Common Material)	Sqm	69,430.00	\$ 0.94	\$ 65,311.20
<i>Sub Total 200</i>					\$ 176,749.83
300	SUB BASE AND BASE COURSE				
307d	Plum Concrete 21 Mpa	Cum	6.948.00	\$ 182.03	\$ 1,264,778.35
<i>Sub Total 300</i>					\$ 1,264,778.35
500	BRIDGE CONSTRUCTION				
505	Reinforcing Steel	Kg	47,314.86	\$ 1.88	\$ 88,951.94
506.1a	Structural Concrete 25 Mpa	Cum	466.05	\$ 228.62	\$ 106,549.34
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cum	39.77	\$ 160.88	\$ 6,397.88
<i>Sub Total 500</i>					\$ 201,899.16
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1c)	RCPC 1070mm diameter	Lnm	60.00	\$ 446.84	\$ 26,810.55
606	Stone Masonry	Cum	9,395.02	\$ 87.76	\$ 824,470.05
610	Gabions	Cum	64.00	\$ 74.19	\$ 4,748.16
<i>Sub Total 600</i>					\$ 856,028.76
TOTAL					\$ 2,520,901.38

Prepared by:


(Eng. Eusebio da Conceição)
 Engenheiro de Custos UGPRR

Checked by:


(Eng. Leão Freitas Gutierrez)
 Vice Coordenador I UGPRR



(Eng. Tito Edgá Fátima N. de Jesus)
 Coordenador I UGPRR



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



DIRECÇÃO GERAL DE ESTRADAS, PONTES, PREVENÇÃO E CONTROLO DE CHEIAS (DGEPPCC)
UNIDADE DE GESTÃO DE PROJETOS DE RESPOSTAS RÁPIDAS (UGPRR)
Avenida da Restauração, Ratikotu, Dili, Timor-Leste

TIME SCHEDULE

PROJECT TITLE:

REHABILITASAUN SEKSAUN ESTRADA LOCAL AILEU-FATURUSA.(STA.0+000- 11+580)

STAR POINT=800668.496Y=9041496.039

END POINT X=806526.4518Y=9038004.049

PROJECT LOCATION:

SUCO FATURUSA, POSTU ADMINISTRATIVO REMIXIO, MUNICIPIO AILEU

MARCH, 2025

(12)



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 25 de Junho de 2025

Ref : 1069 /ADN, I.P./VI/2025

Hato'ó ba : Sr. Eng. Aleixo Amaral do Carmo
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOP

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

Asuntu : Rezultado Verifikasiasaun – Projeto Dili Urban Road Rehabilitation Fomento – Mercado Manleuana Municipio Dili

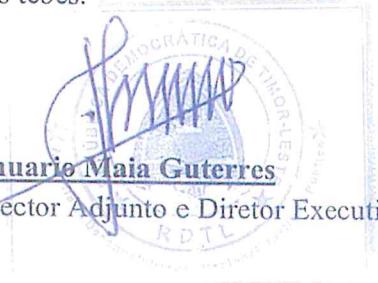
Ho Respeito,

Bazeia ba karta pedidu verifikasiasaun ho no ref: 334/UIVP-MOP/III/2025 ho data 25 de Março de 2025, ba asuntu ne'ebe mensiona iha leten, ekipa verifikasiasaun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasiasaun ba dokumentu refere. Ho nune'e bele hare rezultado verifikasiasaun iha (*aneksu*).

Ba ita bo'ot nia atensaun ami hato'o agradecimento wain no subkreve ho konsiderasaun a'as tebes.

Januario Maia Guterres

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



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



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 01 - 04 - 25 Data do Documentos : 25 -03- 25

Husi : Mop - UIVP

No. Ref : 334 / UIVP - MOP / III / 2025

Projecto : Dili urban Road Rehabilitation
fomento - Mercado Maneuana
Municipio Dili

Quantidade Documentos : 1.....

Anexo :

Boa + Dezenho : 1

NB : USB Anexo 1ha
Doc No. Ref : 333

Assuntos :

Pedido Verificação Documentos
Emergência

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

Solicita UAP para alterar

- Adjunto
- Asses/or/a
- Gabinete DE / Base de Dadus
- Other

Data : 25-03-25

Rui Lourenço da Costa
Director Executivo ADN



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN

NARAN PROJECTO : *Dili urban Road Rehabilitation fomento - Mercado Manufeuana Dili Municipality.*

No	DOKUMENTOS NIA NARAN	
1.	Karta Akompanhamento Husi Projecto Nain	✓
2.	Fundo Husi : (LM...FL...PDIM)	
	A. Kapital de Desenvolvimento	
	B. Bens de Servico	
	C. Transferencia Public	
	D. Other : <i>Emergenca</i>	✓
3.	Alokasaun Orsamento ba Sa Tinan	✓
4X	Programa Orsamento	
5.	TOR ou Justifikasi 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. 333</i>	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	✓



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, 25 de Março de 2025

Hato' o ba :	<u>Sr.Rui Lourenço da Costa</u> Director Executivo-ADN, I. P.
No.ref :	334 /UIVP-MOP/III/2025
Assuntu :	Pedido Verifikasiasaun
Fontes de Orsamento :	Emergency
Tinan Alokasaun Orsamento :	2025
Naran Projetu :	Dili Urban Roads Rehabilitation Fomento - Mercado Manleuana Municipio Dili

Ho respeitu,

Refere ba asuntu iha leten, Unidade do Inspeção e Verificação Para Pagamento - MOP enkaminha dokumentus ba projetu **Dili Urban Roads Rehabilitation Fomento-Mercado Manleuana Municipio Dili** hodi bele hetan verifikasiasaun husi ADN, I. P.

Nudar informasaun, orsamentu ba projetu 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



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

Avenida 20 de Maio Dili, Timor-Leste



NAME OF PROJECT: DILI URBAN ROADS REHABILITATION FOMENTU -MERCADO MANLEUANA
 LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

SECTION NO.	DESCRIPTION	AMOUNT (USD)
100	GENERAL REQUIREMENTS	\$ 96,710.76
200	EARTHWORKS	\$ 94,944.46
300	SUB BASE AND BASE COURSE	\$ 139,736.66
400	SURFACE COURSE	\$ 492,694.69
500	BRIDGE CONSTRUCTION	\$ 234,709.61
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 748,102.96
700	MISCELLANEOUS STRUCTURES	\$ 144,807.36
A	CONSTRUCTION COST	\$ 1,951,706.50
B	CONTRACTOR PROFIT (10%)*A	\$ 195,170.65
C	OVERHEAD	\$ 9,600.00
D	TAX 2%*(A+B+C)	\$ 43,129.54
E	GRAND TOTAL (A+B+C+D)	\$ 2,199,606.69

Verified by:

1. Eng. Amorin S. Menezes
 Engineer of UIVP-MOP

2. Eng. Pedro Amaral
 Engineer of UIVP-MOP

Checked By:

Eng. Martinho da Costa Graciano
 Chefe Seksau Verifikasiun UIVP-MOP

CM 20/03/2025

Certified By:

Eng. Almeiro Amaral do Carmo
 Coordenador Geral UIVP-MOP





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



NAME OF PROJECT DILI URBAN ROADS REHABILITATION FOMENTU -MERCADO
MANLEUANA

LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES	UNIT COST	TOTAL COST
100	GENERAL REQUIREMENTS				
102	Mobilization	Ls	1.00	\$ 16,650.00	\$ 16,650.00
102(2)	Demobilization	Ls	1.00	\$ 2,850.00	\$ 2,850.00
106	Laboratory Testing	Ls	1.00	\$ 9,760.00	\$ 9,760.00
108	Traffic Management and Safety	Ls	1.00	\$ 3,500.00	\$ 3,500.00
109	Field Engineering (Progress Report, Photographs and As-	Ls	1.00	\$ 2,000.00	\$ 2,000.00
114	Environmental Safeguard	Ls	1.00	\$ 9,000.00	\$ 9,000.00
115(2)	Relocation of Existing Electric Utility Pole - Low Voltage	Ea.	6.00	\$ 2,280.00	\$ 13,680.00
115(4)	Relocation of Existing Water Supply Utility Pipe Diameter 2"	Ln.m.	3,224.20	\$ 12.18	\$ 39,270.76
				SUB TOTAL 100	\$ 96,710.76
200	EARTHWORKS				
201(1)	Clearing and Grubbing	Ha.	0.66	\$ 1,165.36	\$ 769.14
201(4)	Individual Removal of Trees, Large	Ea.	11.00	\$ 133.32	\$ 1,466.52
202(3a)	Removal of Pavement	Sq.m.	4,939.22	\$ 2.29	\$ 11,310.81
202(4a)	Removal of Existing Pipe Culvert, 1000 mm dia.	Ln.m.	599.00	\$ 22.28	\$ 13,345.72
202(4b)	Removal of Existing Reinforced Concrete	Cu.m.	175.20	\$ 17.87	\$ 3,130.82
202(4c)	Removal of Existing Stone Masonry	Cu.m.	312.25	\$ 13.17	\$ 4,112.33
203(2)	Surplus Common Excavation	Cu.m.	1,952.09	\$ 4.22	\$ 8,237.82
204(6)	Pipe Culverts and Drain Excavation	Cu.m.	3,429.47	\$ 4.42	\$ 15,158.26
205(1)	Common Embankment	Cu.m.	971.55	\$ 8.04	\$ 7,811.26
205(2)	Selected Embankment	Cu.m.	1,721.76	\$ 12.87	\$ 22,151.60
206(1)	Subgrade Preparation (Common Material)	Sq.m.	3,953.27	\$ 0.54	\$ 2,134.77
206(2)	Subgrade Preparation (Existing Pavement)	Sq.m.	5,972.36	\$ 0.89	\$ 5,315.40
				SUB TOTAL 200	\$ 94,944.46
300	CRUSHED AGGREGATE BASE COURSE				
301	Aggregate Subbase Course	Cu.m.	1,396.66	\$ 15.29	\$ 21,354.93
303(1)	Aggregate Base Class A	Cu.m.	2,005.79	\$ 59.02	\$ 118,381.73
				SUB TOTAL 300	\$ 139,736.66
400	SURFACE COURSE				
402	Prime Coat	Sq.m.	9,300.46	\$ 1.31	\$ 12,182.70
403	Tack Coat	Sq.m.	8,816.14	\$ 0.77	\$ 6,788.41
411(5a)	Asphaltic Concrete - Wearing Course (AC-WC) 4 Cm	Sq.m.	8,816.14	\$ 22.17	\$ 195,453.82
411(6a)	Asphaltic Concrete - Binder Course (AC-BC) 6 Cm	Sq.m.	9,300.46	\$ 29.92	\$ 278,269.76
				SUB TOTAL 400	\$ 492,694.69
500	BRIDGE CONSTRUCTION				
505	Reinforcing Steel	Kg	52,095.81	\$ 1.59	\$ 82,832.34
506(1)	Structural Concrete, Class A 25 Mpa	Cu.m.	563.77	\$ 251.71	\$ 141,906.55
506(6)	Lean Concrete	Cu.m.	95.90	\$ 103.97	\$ 9,970.72
				SUB TOTAL 500	\$ 234,709.61
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1a)	Concrete U Ditch Dim. 0.7 m x 0.7 m x 1 m (include Cover)	Ln.m.	1,105.40	\$ 230.62	\$ 254,927.35
601(1b)	Concrete U Ditch Dim. 0.4 m x 0.4 m x 1 m (include wide	Ln.m.	279.40	\$ 161.60	\$ 45,151.04
601(1c)	Concrete U Ditch Dim. 0.4 m x 0.4 m x 1 m (include Cover)	Ln.m.	1,827.40	\$ 141.80	\$ 259,125.32
603(6)	Metal frames and covers, 600x600x55 mm	Pair	239.00	\$ 250.00	\$ 59,750.00
604(4)	PVC Pipe 4" dia.	Ln.m.	287.70	\$ 12.56	\$ 3,613.51



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



NAME OF PROJECT DILI URBAN ROADS REHABILITATION FOMENTU -MERCADO
 MANLEUANA

LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES	UNIT COST	TOTAL COST
604(7)	Steel Grill	Ea.	425.00	\$ 41.76	\$ 17,748.00
605(5)	Riprap, Class A	Cu.m	7.20	\$ 36.79	\$ 264.89
609(2)	Cyclopean Concrete	Cu.m	634.99	\$ 169.33	\$ 107,522.86
					SUB TOTAL 600 \$ 748,102.96
700	MISCELLANEOUS STRUCTURES				
701(2)	Concrete Gutter	Ln.m.	2,614.00	\$ 22.25	\$ 58,161.50
702	Tactile Guiding Block Pedestrian Sidewalk	Ln.m.	2,187.10	\$ 11.12	\$ 24,320.55
710	Reflectorized Thermoplastic Pavement Markings	Sq.m.	596.17	\$ 44.56	\$ 26,565.34
SPL1	Sidewalk Paint	Sq.m.	2,343.38	\$ 15.26	\$ 35,759.98
					SUB TOTAL 700 \$ 144,807.36
					CONSTRUCTION COST \$ 1,951,706.50



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : DILI URBAN ROAD REHABILITATION
LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

SECTION NO.	DESCRIPTION	OWNER ESTIMATE	VERIFIED BY ADN
		AMOUNT (U\$D)	AMOUNT (U\$D)
100	GENERAL REQUIREMENTS	\$ 96,710.76	\$ 61,540.08
200	EARTHWORKS	\$ 94,944.46	\$ 90,594.09
300	SUB BASE AND BASE COURSE	\$ 139,736.66	\$ 135,379.62
400	SURFACE COURSE	\$ 492,694.69	\$ 455,672.54
500	BRIDGE CONSTRUCTION	\$ 234,709.61	\$ 222,865.08
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 748,102.96	\$ 700,092.40
700	MISCELLANEOUS STRUCTURES	\$ 144,807.36	\$ 100,645.22
A	CONSTRUCTION COST	\$ 1,951,706.50	\$ 1,766,789.03
B	CONTRACTOR PROFIT (10%)*A	\$ 195,170.65	\$ 176,678.90
C	OVERHEAD	\$ 9,600.00	\$ 27,141.00
D	TAX 2%*(A+B+C)	\$ 43,129.54	\$ 39,412.18
E	GRAND TOTAL (A+B+C+D)	\$ 2,199,606.69	\$ 2,010,021.11

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 Liu Soares)

Coordenador UAP ADN, I.P.

23/6/25

BILL OF QUANTITY

NAME OF PROJECT : DILI URBAN ROAD REHABILITATION
 LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

ITEM NO.	DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QTY	UNIT PRICE	TOTAL COST	UNIT	QTY	UNIT PRICE	TOTAL COST
100 GENERAL REQUIREMENTS									
102	Mobilization	Ls.	1.00	\$ 16,650.00	\$ 16,650.00	Ls.	1.00	\$ 6,075.68	\$ 6,075.68
102(2)	Demobilization	Ls.	1.00	\$ 2,850.00	\$ 2,850.00	Ls.	1.00	\$ 2,550.00	\$ 2,550.00
105	Laboratory Testing	Ls.	1.00	\$ 9,760.00	\$ 9,760.00				
108	Traffic Management and Safety	Ls.	1.00	\$ 3,500.00	\$ 3,500.00				
109	Field Engineering (Progress Report, Photographs and As-Built Drawing)	Ls.	1.00	\$ 2,000.00	\$ 2,000.00				
114	Environmental Safeguard	Ls.	1.00	\$ 9,000.00	\$ 9,000.00				
115(2)	Relocation of Existing Electric Utility Pole - Low Voltage	Ea.	6.00	\$ 2,280.00	\$ 13,680.00	Ea.	6.00	\$ 2,273.94	\$ 13,643.64
115(4)	Relocation of Existing Water Supply Utility Pipe Diameter 2"	L.m.	3,224.20	\$ 12.18	\$ 39,270.76	L.m.	3,224.20	\$ 12.18	\$ 39,270.76
		SUB TOTAL 100				\$ 96,710.76			
200 EARTHWORKS									
201(1)	Clearing and Grubbing	Ha.	0.66	\$ 1,165.35	\$ 769.14	Ha.	0.66	\$ 2,432.53	\$ 1,605.47
201(4)	Individual Removal of Trees, Large	Ea.	11.00	\$ 133.32	\$ 1,466.52	Ea.	11.00	\$ 681.19	\$ 750.04
202(3a)	Removal of Pavement	Sqm.	4,939.22	\$ 2.29	\$ 11,310.81	Sqm.	4,939.22	\$ 2.91	\$ 14,382.91
202(4a)	Removal of Pavement	L.m.	599.00	\$ 22.23	\$ 13,355.72	L.m.	599.00	\$ 14.70	\$ 8,803.42
202(4b)	Removal of Existing Pipe Culvert, 1000 mm dia.	Cum.	175.20	\$ 17.87	\$ 3,130.82	Cum.	175.20	\$ 21.05	\$ 3,687.16
202(4c)	Removal of Existing Reinforced Concrete	Cum.	312.25	\$ 13.17	\$ 4,112.33	Cum.	312.25	\$ 18.85	\$ 5,886.23
203(2)	Surplus Common Excavation	Cum.	1,952.09	\$ 4.22	\$ 8,237.82	Cum.	1,952.09	\$ 3.78	\$ 7,388.43
204(6)	Pipe Culverts and Drain Excavation	Cum.	3,429.47	\$ 4.42	\$ 15,558.26	Cum.	3,429.47	\$ 4.63	\$ 15,872.34
205(1)	Common Embankment	Cum.	971.55	\$ 8.04	\$ 7,811.26	Cum.	971.55	\$ 3.30	\$ 3,203.92
205(2)	Selected Embankment	Cum.	1,771.76	\$ 12.87	\$ 22,151.60	Cum.	1,771.76	\$ 13.08	\$ 22,513.14
206(1)	Subgrade Preparation (Common Material)	Sqm.m.	3,953.27	\$ 0.54	\$ 2,134.77	Sqm.m.	3,953.27	\$ 0.65	\$ 2,589.29
206(2)	Subgrade Preparation (Existing Pavement)	Sqm.	5,972.36	\$ 0.89	\$ 5,315.40	Sqm.	5,972.36	\$ 0.65	\$ 3,911.74
		SUB TOTAL 200				\$ 94,944.46			
						\$ 90,594.09			

BILL OF QUANTITY

NAME OF PROJECT : DILI URBAN ROAD REHABILITATION
 LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

ITEM NO.	DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QTY	UNIT PRICE	TOTAL COST	UNIT	QTY	UNIT PRICE	TOTAL COST
300	CRUSHED AGGREGATE BASE COURSE								
301	Aggregate Subbase Course	Cum.	1.396,66	\$ 15,29	\$ 21.354,93	Cum.	1.396,66	\$ 14,51	\$ 20.250,05
303(1)	Aggregate Base Class A	Cum.	2.005,79	\$ 59,02	\$ 118.381,73	Cum.	2.005,79	\$ 57,39	\$ 115.120,57
					SUB TOTAL 300	\$ 139.736,66			\$ 135.370,62
400	SURFACE COURSE								
402	Prime Coat	Sqm.	9.300,46	\$ 1,31	\$ 12.182,70	Sqm.	9.300,46	\$ 1,38	\$ 12.851,09
403	Tack Coat	Sqm.	8.816,14	\$ 0,77	\$ 6.784,11	Sqm.	8.816,14	\$ 0,81	\$ 7.163,71
411(5a)	Asphaltic Concrete - Wearing Course (AC-WC) 4 Cm	Sqm.	8.816,14	\$ 22,17	\$ 195.453,82	Sqm.	8.816,14	\$ 19,98	\$ 176.169,70
411(6a)	Asphaltic Concrete - Binder Course (AC-BC) 6 Cm	Sqm.m.	9.300,46	\$ 29,92	\$ 278.269,76	Sqm.	9.300,46	\$ 27,90	\$ 259.488,03
					SUB TOTAL 400	\$ 492.694,69			\$ 455.672,54
500	BRIDGE CONSTRUCTION								
505	Reinforcing Steel	Kg	52.095,81	\$ 1,59	\$ 82.832,34	Kg	52.095,81	\$ 1,59	\$ 82.728,15
506(1)	Structural Concrete, Class A 25 Mpa	Cum.	563,77	\$ 251,71	\$ 141.906,55	Cum.	563,77	\$ 231,28	\$ 130.391,05
506(6)	Lean Concrete	Cum.m.	95,90	\$ 103,97	\$ 9.970,72	Cum.	95,90	\$ 101,63	\$ 9.745,88
					SUB TOTAL 500	\$ 234.702,61			\$ 222.865,08
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
601(1a)	Concrete U Ditch Dim. 0,7 m x 0,7 m x 1 m (include Cover) Class A 25 Mpa for Line Drain	Lln.m.	1.105,40	\$ 230,62	\$ 254.927,35	Lln.m.	1.105,40	\$ 254,66	\$ 281.505,08
601(1b)	Concrete U Ditch Dim. 0,4 m x 0,4 m x 1 m (include wide Cover Type 1) Class A 25 Mpa for Line Drain	Lln.m.	279,40	\$ 161,60	\$ 45.151,04	Lln.m.	279,40	\$ 165,93	\$ 46.360,06
601(1c)	Concrete U Ditch Dim. 0,4 m x 0,4 m x 1 m (include Cover Type 2) Class A 25 Mpa for Line Drain	Lln.m.	1.827,40	\$ 141,80	\$ 259.125,32	Lln.m.	1.827,40	\$ 118,75	\$ 217.004,41
603(6)	Metal frames and covers, 600x600x55 mm	Pair	239,00	\$ 250,00	\$ 59.750,00	Pair	239,00	\$ 160,00	\$ 38.240,00
604(4)	PVC Pipe 4" dia.	Lln.m.	287,70	\$ 12,56	\$ 3.613,51	Lln.m.	287,70	\$ 8,83	\$ 2.540,93
604(7)	Steel Grill	Ea.	425,00	\$ 41,76	\$ 17.748,00	Ea.	425,00	\$ 31,42	\$ 13.355,29
605(5)	Riprap, Class A	Cum	7,20	\$ 36,79	\$ 264,89				
609(2)	Cyclopean Concrete 21 Mpa	Cum	634,99	\$ 169,33	\$ 107.523,86	Cum	634,99	\$ 159,19	\$ 101.086,63
					SUB TOTAL 600	\$ 748.102,96			\$ 700.092,40



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITY

NAME OF PROJECT : DILI URBAN ROAD REHABILITATION
LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

ITEM NO.	DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QTY	UNIT PRICE	TOTAL COST	UNIT	QTY	UNIT PRICE	TOTAL COST
700 MISCELLANEOUS STRUCTURES									
701(2)	Concrete Gutter	L.m.	2.614,00	\$ 22,25	\$ 58.161,50	L.m.	2.614,00	\$ 17,74	\$ 46.379,36
702	Tactile Guiding Block Pedestrian Sidewalk	L.m.	2.187,10	\$ 11,12	\$ 24.320,55	L.m.	2.187,10	\$ 14,36	\$ 31.402,38
710	Reflectorized Thermoplastic Pavement Markings	Sqm.	596,17	\$ 44,56	\$ 26.565,34	Sqm.	596,17	\$ 21,37	\$ 12.740,05
SPL1	Sidewalk Paint	Sqm.	2.343,38	\$ 15,26	\$ 35.759,98	Sqm.	2.343,38	\$ 4,32	\$ 10.123,40
				SUB TOTAL 700	\$ 144.807,36				\$ 100.645,22
				CONSTRUCTION COST	\$ 1.951.706,50				\$ 1.766.789,03



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

NAME OF PROJECT : DILI URBAN ROAD REHABILITATION
LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

OVERHEAD

NO	DESKRISAUN	AND VERIFIED			
		UNIT	QUANTITY	UNIT PRICE	TOTAL
1	PROJECT TEAM				
	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
	Quality Control	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
	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00
	<i>Sub Total</i>				\$ 16,500.00
2	KUSTU OPERASIONAL				
	Stationary	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
	<i>Sub Total</i>				\$ 2,720.00
3	KUSTU SERVISU APOIO NIAN				
	Material Sampling & Testing	Ls	1.00	\$ 7,441.00	\$ 7,441.00
	Personal protective equipment (PPE)	Ls	1.00	\$ 480.00	\$ 480.00
	<i>Sub Total</i>				\$ 7,921.00
	TOTAL OVERHEAD				\$ 27,141.00



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

Avenida 20 de Maio Dili, Timor -Leste



OVERHEAD

NAME OF PROJECT : DILI URBAN ROADS REHABILITATION FOMENTU -MERCADO MANLEUANA
LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

NO.	DESCRIPTION	UNIT	QUANTITIES	UNIT COST	TOTAL COST
1	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
2	Site Security	Ls	1.00	\$ 3,600.00	\$ 3,600.00
	TOTAL				\$ 9,600.00

(13)



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 25 de Junho de 2025

Ref : 1073/ADN, I.P./VI/2025

Hato' o ba : Sr. Eng. Aleixo Amaral do Carmo
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOP

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

Asunto : Resultado Verifikasiun – Project Upgrading & New Roads Construction
Kasnafar/Lisbutak Dili (3,4 Km), Minicipality Dili

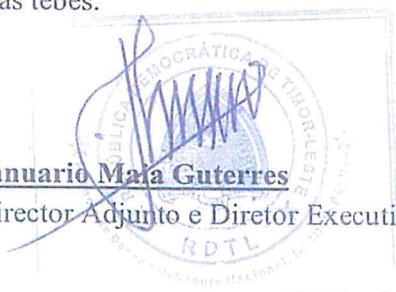
Ho Respeito,

Bazeia ba karta pedidu verifikasiun ho no ref: 344/UIVP-MOP/III/2025 ho data 25 de Março de 2025, ba asuntu ne'ebe mensiona iha leten, ekipa verifikasiun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasiun ba dokumentu refere. Ho nune'e bele hare resultado verifikasiun iha (aneksu).

Ba ita bo'ot nia atensaun ami hato'o agradecimento wain no subkreve ho konsiderasaun a'as tebes.

Januario Maia Guterres

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



ok

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

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 26 - 03 - 25

Data do Documentos : 25 - 03 - 25

Husi : MOP - UWP

No. Ref : 344 / UWP - MOP / III / 2025

Projecto : Upgrading & New Roads
Construction Kasha Far / Lisbufak
(3.4 km) Dili Municipality.

Quantidade Documentos 1....

Anexo :

* BOA + Desenho : !

NB : USB Anexo 1ha
Doc. No. Ref: 340

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
- Solicita-se UWP ato stand

- Adjunto
 - Assessor/a
 - Gabinete DE / Base de Dadus
 - Other
- Data : 26-03-25

Rui Lourenço da Costa
Director Executivo ADN



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN
NARAN PROJECTO : *Upgrading & New Road construction casnatar Lisbutak Dili Municipality.*

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 Projektu Nain no Ministerio (MOP)	✓
8.	Cost Estimasaun ho BOQ Tenke Hetan Aprovasaun Husi Projektu 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. 340</i>	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projektu Nain	✓



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



Unidade do Inspecção e Verificação Para Pagamento – MOP

Dili, 25 de Março de 2025

Hato' o ba :	<u>Sr.Rui Lourenço da Costa</u> Director Executivo-ADN, I. P.
No.ref :	344 /UIVP-MOP/III/2025
Assuntu :	Pedido Verifikasioun
Fontes de Orsamento :	Emergency
Tinan Alokasaun Orsamento :	2025
Naran Projetu :	Upgrading & New Roads Construction Kasnapar/Lisbutak Dili Kasnapar/Lisbutak Dili (3,4 km) Municipality of Dili

Ho respeitu,

Refere ba asuntu iha leten, Unidade do Inspecção e Verificação Para Pagamento - MOP enkaminha dokumentus ba projetu Upgrading & New Roads Construction Kasnapar/Lisbutak Dili Kasnapar/Lisbutak Dili (3,4 km) Municipality of Dili hodi bele hetan verifikasioun husi ADN, I. P.

Nudar informasaun, orsamentu ba projetu 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 Inspecção e Verificação Para Pagamento - MOP



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

Avenida 20 de Maio Dili, Timor-Leste



Name of Project : Upgrading & New Roads Construction Kasnapar/Lisbutak Dili
 Location of Project : Kasnapar/Lisbutak Dili (3,4 Km)
 Municipality of Dili, Timor-Leste

SECTION NO.	DESCRIPTION	AMOUNT (USD)
100	GENERAL REQUIREMENTS	\$ 43,760.00
200	EARTHWORKS	\$ 136,533.30
300	CRUSHED AGGREGATE BASE COURSE	\$ 270,100.25
400	SURFACE COURSE	\$ 1,751,138.97
500	BRIDGE CONSTRUCTION	\$ 225,344.70
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 349,233.18
700	MISCELLANEOUS STRUCTURES	\$ 633,867.97
A	CONSTRUCTION COST	\$ 3,409,978.37
B	CONTRACTOR PROFIT (10%)*A	\$ 340,997.84
C	OVERHEAD	\$ 9,600.00
D	TAX 2%*(A+B+C)	\$ 75,211.52
E	GRAND TOTAL (A+B+C+D)	\$ 3,835,787.73

Verified by:

1. Eng. Amorin S. Menezes
 Engineer of UIVP-MOP

2. Eng. Pedro Amaral
 Engineer of UIVP-MOP

Checked By:

Eng. Martinho da Costa Graciano
 Chefe Seksaun Verifikasiun UIVP-MOP

Certified By:

Eng. Aleixo Amaral do Carmo
 Coordenador Geral UIVP-MOP





REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE

IX GOVERNO CONSTITUCIONAL

MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor-Leste

BILL OF QUANTITY

Name of Project : Upgrading & New Roads Construction Kasnpar/Lisbutak Dili
 Location of Project : Kasnpar/Lisbutak Dili (3,4 Km)
 Municipality of Dili, Timor-Leste

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES	UNIT COST	TOTAL COST
100	GENERAL REQUIREMENTS				
102	Mobilization	Ls	1.00	\$ 16,650.00	\$ 16,650.00
102(1)	Demobilization	Ls	1.00	\$ 2,850.00	\$ 2,850.00
106	Laboratory Testing	Ls	1.00	\$ 9,760.00	\$ 9,760.00
108	Traffic Management and Safety	Ls	1.00	\$ 3,500.00	\$ 3,500.00
109	Field Engineering (Progress Report, Photographs and Enviromental Safeguard	Ls	1.00	\$ 2,000.00	\$ 2,000.00
114		Ls	1.00	\$ 9,000.00	\$ 9,000.00
				SUB TOTAL 100	\$ 43,760.00
200	EARTHWORKS				
202(3a)	Removal of Pavement	Sq.m.	14,568.98	\$ 2.25	\$ 32,780.19
202(3b)	Removal of Sidewalks, Curbs	Sq.m.	448.41	\$ 4.39	\$ 1,968.52
202(4b)	Removal of Existing Stone Masonry	Cu.m.	47.76	\$ 16.06	\$ 767.13
203(2)	Surplus Common Excavation	Cu.m.	10,759.68	\$ 4.22	\$ 45,405.85
204(6)	Pipe Culverts and Drain Excavation	Cu.m.	1,214.64	\$ 4.48	\$ 5,441.59
205(1)	Common Embankment	Cu.m.	3,102.77	\$ 8.04	\$ 24,946.27
205(2)	Selected Embankment	Cu.m.	564.03	\$ 12.87	\$ 7,259.12
206(2)	Subgrade Preparation (Existing Pavement)	Sq.m.	20,184.98	\$ 0.89	\$ 17,964.63
				SUB TOTAL 200	\$ 136,533.30
300	CRUSHED AGGREGATE BASE COURSE				
301	Aggregate Subbase Course	Cu.m.	4,905.62	\$ 15.29	\$ 75,006.91
303(1)	Aggregate Base Class A	Cu.m.	3,305.55	\$ 59.02	\$ 195,093.34
				SUB TOTAL 300	\$ 270,100.25
400	SURFACE COURSE				
402	Prime Coat	Sq.m.	21,928.98	\$ 1.31	\$ 28,726.96
403	Tack Coat	Sq.m.	46,482.00	\$ 0.77	\$ 35,791.14
411(5a)	Asphaltic Concrete - Wearing Course (AC-WC) 4 Cm	Sq.m.	46,482.00	\$ 22.17	\$ 1,030,505.94
411(6a)	Asphaltic Concrete - Binder Course (AC-BC) 6 Cm	Sq.m.	21,928.98	\$ 29.92	\$ 656,114.93
				SUB TOTAL 400	\$ 1,751,138.97
500	BRIDGE CONSTRUCTION				
505	Reinforcing Steel	Kg	13,714.34	\$ 1.59	\$ 21,805.81
506(1)a	Structural Concrete, Class A 30 Mpa	Cu.m.	212.80	\$ 265.26	\$ 56,447.33
506(1)b	Structural Concrete, Class A 21 Mpa	Cu.m.	232.67	\$ 211.07	\$ 49,109.76
506(1)c	Structural Concrete, Class B 17 Mpa	Cu.m.	384.27	\$ 204.57	\$ 78,609.80
506(6)	Lean Concrete	Cu.m.	186.32	\$ 103.97	\$ 19,372.00
				SUB TOTAL 500	\$ 225,344.70
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1a)	Concrete U Ditch Dim. 0.7 m x 0.7 m x 1 m (include	Ln.m.	134.00	\$ 230.62	\$ 30,903.08
601(1b)	Concrete U Ditch Dim. 1.0 m x 1.0 m x 1 m (include	Ln.m.	350.00	\$ 268.04	\$ 93,814.00
604(4)	PVC Pipe 4" dia.	Ln.m.	334.84	\$ 12.56	\$ 4,205.61
604(4)	PVC Pipe 2" dia.	Ln.m.	267.60	\$ 9.86	\$ 2,638.54
604(7)	Steel Grill	Ea.	339.20	\$ 41.76	\$ 14,165.05
609(2)	Cyclopean Concrete, 21 Mpa	Cu.m	1,201.84	\$ 169.33	\$ 203,506.90
				SUB TOTAL 600	\$ 349,233.18



A GÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

Name of Project : Upgrading & New Roads Construction

Location of Project : Kasnafar/Lisbutak Dili (3,4 Km)

Municipality of Dili, Timor-Leste

SECTION NO.	DESCRIPTION	OWNER PROPOSED	ADN VERIFIED
		AMOUNT (USD)	AMOUNT (USD)
100	GENERAL REQUIREMENTS	\$ 43,760.00	\$ 8,625.68
200	EARTHWORKS	\$ 136,533.30	\$ 119,477.62
300	CRUSHED AGGREGATE BASE COURSE	\$ 270,100.25	\$ 258,075.56
400	SURFACE COURSE	\$ 1,751,138.97	\$ 1,608,734.05
500	BRIDGE CONSTRUCTION	\$ 225,344.70	\$ 205,640.94
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE	\$ 349,233.18	\$ 345,949.14
700	MISCELLANEOUS STRUCTURES	\$ 633,867.97	\$ 330,495.69
A	CONSTRUCTION COST	\$ 3,409,978.37	\$ 2,876,998.67
B	CONTRACTOR PROFIT (10%)*A	\$ 340,997.84	\$ 287,699.87
C	OVERHEAD	\$ 9,600.00	\$ 34,227.00
D	TAX 2%*(A+B+C)	\$ 75,211.52	\$ 63,978.51
E	GRAND TOTAL (A+B+C+D)	\$ 3,835,787.73	\$ 3,262,904.05

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 Liu Soares)

Coordenador UAP ADN, I.P.

24/5/25



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITY

Name of Project : Upgrading & New Roads Construction Kasnafar/Lisbutak Dili
 Location of Project ; Kasnafar/Lisbutak Dili (3,4 Km)
 Municipality of Dili, Timor-Leste

ITEM NO.	DESCRIPTION	OWNER PROPOSED			ADV. VERIFIED			TOTAL COST
		UNIT	QUANTITIES	UNIT COST	TOTAL COST	UNIT	QUANTITIES	
100	GENERAL REQUIREMENTS							
102	Mobilization	Ls	1.00	\$ 16,650.00	\$ 16,650.00	Ls	1.00	\$ 6,075.68
102(1)	Demobilization	Ls	1.00	\$ 2,850.00	\$ 2,850.00	Ls	1.00	\$ 2,550.00
106	Laboratory Testing	Ls	1.00	\$ 9,760.00	\$ 9,760.00			
108	Traffic Management and Safety	Ls	1.00	\$ 3,500.00	\$ 3,500.00			
109	Field Engineering (Progress Report, Photographs and As-Built Drawing)	Ls	1.00	\$ 2,000.00	\$ 2,000.00			
114	Environmental Safeguard	Ls	1.00	\$ 9,000.00	\$ 9,000.00			
					\$UB TOTAL 100		\$ 43,760.00	\$UB TOTAL 100
								\$ 8,625.68
200	EARTHWORKS							
202(3a)	Removal of Pavement	Sq.m.	14,568.98	\$ 2.25	\$ 32,730.19	Sq.m.	14,568.98	\$ 2.84
202(3b)	Removal of Sidewalks, Curbs	Sq.m.	448.41	\$ 4.39	\$ 1,968.52	Sq.m.	448.41	\$ 2.84
202(4b)	Removal of Existing Stone Masonry	Cu.m.	47.76	\$ 16.06	\$ 767.13	Cu.m.	47.76	\$ 9.87
203(2)	Surplus Common Excavation	Cu.m.	10,759.68	\$ 4.22	\$ 45,445.85	Cu.m.	10,759.68	\$ 3.78
204(6)	Pipe Culverts and Drain Excavation	Cu.m.	1,214.64	\$ 4.48	\$ 5,441.59	Cu.m.	1,214.64	\$ 4.63
205(1)	Common Embankment	Cu.m.	3,102.77	\$ 8.04	\$ 24,946.27	Cu.m.	3,102.77	\$ 3.01
205(2)	Selected Embankment	Cu.m.	564.03	\$ 12.87	\$ 7,259.12	Cu.m.	564.03	\$ 13.08
206(2)	Subgrade Preparation (Existing Pavement)	Sq.m.	20,184.98	\$ 0.89	\$ 17,964.63	Sq.m.	20,184.98	\$ 0.65
					\$UB TOTAL 200		\$ 136,533.30	\$UB TOTAL 200
								\$ 119,477.62
300	CRUSHED AGGREGATE BASE COURSE							
301	Aggregate Subbase Course	Cu.m.	4,905.62	\$ 15.29	\$ 75,006.91	Cu.m.	4,905.62	\$ 14.44
303(1)	Aggregate Base Class A	Cu.m.	3,305.55	\$ 59.02	\$ 195,093.34	Cu.m.	3,305.55	\$ 56.64
					\$UB TOTAL 300		\$ 270,100.25	\$UB TOTAL 300
								\$ 258,075.56

BILL OF QUANTITY

Name of Project : Upgrading & New Roads Construction Kasaafar/Lisbutak Dili
Location of Project : Kasaafar/Lisbutak Dili (3,4 Km)
Municipality of Dili, Timor-Leste



A GÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.
Agência de Desenvolvimento Nacional

BILL OF QUANTITY

Name of Project : Upgrading & New Roads Construction Kasnafar/Lisbutak Dili
 Location of Project : Kasnafar/Lisbutak Dili (3,4 Km)
 Municipality of Dili, Timor-Leste

ITEM NO.	DESCRIPTION	OWNER PROPOSED				ADN VERIFIED		
		UNIT	QUANTITIES	UNIT COST	TOTAL COST	UNIT	QUANTITIES	UNIT COST
700 MISCELLANEOUS STRUCTURES								
701(1)	Concrete Curb, Type A	Lm.m.	5,876.00	\$ 22.50	\$ 132,210.00	Lm.m.	5,876.00	\$ 17.74
701(3)	Combination Curb and Gutter	Lm.m.	2,799.40	\$ 44.50	\$ 124,573.30	Lm.m.	2,799.40	\$ 35.49
SPL.1	Paints of Sidewalk Curb, Median and Crushed Barrier (Ex.Jotun)	Sqm.m.	17,989.57	\$ 15.26	\$ 274,520.81	Sqm.m.	17,989.57	\$ 4.32
710	Reflectorized Thermoplastic Pavement Markings	Sqm.m.	2,301.70	\$ 44.56	\$ 102,563.86	Sqm.m.	2,301.70	\$ 21.37
					SUB TOTAL 700 \$ 633,867.97			SUB TOTAL 700 \$ 330,495.69
					CONSTRUCTION COST \$ 3,409,978.37			\$ 2,876,998.67



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

Avenida 20 de Maio Dili, Timor -Leste



BILL OF QUANTITY

Name of Project : Upgrading & New Roads Construction Kasnapar/Lisbutak Dili
Location of Project : Kasnapar/Lisbutak Dili (3.4 Km)
Municipality of Dili, Timor-Leste

ITEM NO.	DESCRIPTION	UNIT	QUANTITIES	UNIT COST	TOTAL COST
700	MISCELLANEOUS STRUCTURES				
701(1)	Concrete Curb, Type A	Ln.m.	5,876.00	\$ 22.50	\$ 132,210.00
701(3)	Combination Curb and Gutter	Ln.m.	2,799.40	\$ 44.50	\$ 124,573.30
SPL1	Paints of Sidewalk Curb, Median and Crushed Barrier	Sq.m	17,989.57	\$ 15.26	\$ 274,520.81
710	Reflectorized Thermoplastic Pavement Markings	Sq.m.	2,301.70	\$ 44.56	\$ 102,563.86
				SUB TOTAL 700	\$ 633,867.97
				CONSTRUCTION COST	\$ 3,409,978.37



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



OVERHEAD

Name of Project : Upgrading & New Roads Construction Kasnapar/Lisbutak Dili
Location of Project : Kasnapar/Lisbutak Dili (3,4 Km)
Municipality of Dili, Timor-Leste

NO.	DESCRIPTION	UNIT	QUANTITIES	UNIT COST	TOTAL COST
1	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
2	Site Security	Ls	1.00	\$ 3,600.00	\$ 3,600.00
TOTAL					\$ 9,600.00

(14)



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

Dili, 25 de Junho de 2025

Ref : 10/ADN, I.P./VI/2025

Hatoba : Sr. Jélio Amaral do Carmo
Koor Unidade de Inspeção e Verificação para Pagamento - MOP

Cc : Suaencia Sr. Samuel Marçal
Minas Obras Públicas

Asunto : Rezv Verifikasiun - Project Construction of Cristo Rei Dolok Oan
JuncRoad Package 1-B Sta. 1+000-1+520, Municipio Dili

Ho Respeito,

Bazeia ba kartedidu verifikasiun ho no ref: 231/UIVP-MOP/III/2025 ho data 11 de Março de 2025, ba asu ne'ebemensiona iha leten, ekipa verifikasiun Unidade Avaliação dos Projetos - ADN, I.P. hah'o ona verifikasiun ba dokumentu refere. Ho nune'e bele hare rezultado verifikasiun iha (aneksu).

Ba ita bo'ot nia atenaun mi hato'o agradecimento wain no subkreve ho konsiderasaun a'as tebes.

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



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



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, E. P.

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 11 - 03 - 2025

Data do Documentos : 11-03-2025

Husi : MOP / UIVP

No. Ref : 231 / UIVP / MOP / III / 2025

Projecto : Construction of Cristo Rei Dolok
On junction Road C package.
I-B - sta 1+000 to sta 1+500 Cristo.
Rei Bili Municipality

Quantidade Documentos : 2

Anexo * DEZENHOT BOQ(1)
* LISB (1)

Assuntos :

Pedido Verifikasiens

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

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

Data : 13.03.2025

Rui Lourenço da Costa
Director Executivo ADN



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

Avenida 20 de Maio Dili, Timor -Leste



Unidade do Inspecção e Verificação Para Pagamento – MOP

Dili, 11 de Marsu de 2025

Hato' o ba :	Sr.Rui Lourenço da Costa Director Executivo-ADN, I. P.
No.ref :	231UIVP-MOP/III/2025
Assuntu :	Pedido Verifikasiasaun
Fontes de Orsamento :	Emergency
Tinan Alokasaun Orsamento :	2025
Naran Projetu :	Construction Of Cristo Rei Dolok Oan Junction Road (Package 1-B,Sta.1+000 to Sta.1+520,Cristo Rei,Dili Municipality)

Ho respeitu,

Refere ba asuntu iha leten, Unidade do Inspecção e Verificação Para Pagamento - MOP enkaminha dokumentus ba projeto **Construction Of Cristo Rei Dolok Oan Junction Road (Package 1-B,Sta.1+000 to Sta.1+520,Cristo Rei,Dili Municipality)** bele hetan verifikasiasaun husi ADN, I. P.

Nudar informasaun, orsamentu ba projetu 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 Araújo do Carmo

Koordenador Geral Unidade do Inspecção e Verificação Para Pagamento - MOP



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN

NARAN PROJECTO : Construction of Cristo Rei Dolok Oan
junction Road Package L-B, Sta
L + 000 - L + 520 - Dili Municipality.

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 : Emergencia	✓
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	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	✓



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE CONSTRUCTION OF CRISTO REI DOLOCK OAN JUNCTION ROAD (PACKAGE 1-B, STA 1+000 TO STA 1+520)

LOCATION CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

SUMMARY

NO.	ITEM DESCRIPTION	OWNER ESTIMATE	VERIFIED BY ADN
		AMOUNT (\$)	AMOUNT (\$)
100	GENERAL REQUIREMENTS	\$ 20,140.00	\$ 10,415.68
200	EARTHWORKS	\$ 169,180.00	\$ 168,154.01
300	SUB BASE AND BASE COURSE	\$ 132,991.12	\$ 132,255.67
400	SURFACE COURSES	\$ 402,453.38	\$ 372,582.84
500	BRIDGE CONSTRUCTION	\$ 479,772.16	\$ 484,347.34
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE	\$ 377,202.50	\$ 382,591.59
700	MISCELLANEOUS STRUCTURES	\$ 194,434.49	\$ 147,229.98
800	BIOENGINEERING	\$ 25,412.39	\$ 15,428.14
900	MATERIALS DETAILS	\$ 196,128.29	\$ 207,263.09
#I	SECURITY POST 1	\$ 21,234.46	\$ 18,502.00
#II	SECURITY POST 2	\$ 23,841.74	\$ 20,804.72
A	CONSTRUCTION COST	\$ 2,042,790.53	\$ 1,959,575.07
B	CONTRACTOR FEE [(A x 10%)]	\$ 204,279.05	\$ 195,957.51
C	OVERHEAD+	\$ 37,730.00	\$ 28,020.00
D	TAX [2% x (A+B+C)]	\$ 45,695.99	\$ 43,671.05
E	TOTAL AMOUNT (A+B+C+D)	\$ 2,330,495.57	\$ 2,227,223.62

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:

 25/6/23
 Arch. José Fernando Soares
Coordenador. UAP - ADN.IP



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE: CONSTRUCTION OF CRISTO REDEDOCK CAN JUNCTION ROAD (PACKAGE 1-B STA 1+000 TO STA 1+520)
LOCATION: CRISTO RE. DILI MUNICIPALITY, TIMOR LESTE

COST ESTIMATION

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)
100	GENERAL REQUIREMENTS								
102	Mobilization	Ls	1.00	\$ 8,365.00	\$ 8,365.00	Ls	1.00	\$ 4,970.68	\$ 4,970.68
102(2)	Demobilization	Ls	1.00	\$ 6,715.00	\$ 6,715.00	Ls	1.00	\$ 3,945.00	\$ 3,945.00
108	Traffic Management and Safety	Ls	1.00	\$ 1,800.00	\$ 1,800.00				
	Project Name Plate	unit	2.00	\$ 80.00	\$ 160.00				
114	Environmental Safeguard	Ls	1.00	\$ 3,100.00	\$ 3,100.00	Ls	1.00	\$ 1,500.00	\$ 1,500.00
				Sub Total 100	\$ 20,140.00				\$ 10,415.68
200	EARTHWORKS								
201	Cleaning and Grabbing	Ha	1.18	\$ 2,375.61	\$ 2,803.78	Ha	1.18	\$ 1,571.23	\$ 1,854.42
203(2)	Common Excavation	cu m	8,582.70	\$ 2.22	\$ 19,093.87	cu m	8582.70	\$ 2.68	\$ 23,008.74
204(1)	Structure Excavation	cu m	5,710.19	\$ 4.65	\$ 26,532.78	cu.m	5710.19	\$ 3.52	\$ 20,123.67
205(3)	Granular Selected Embankment	cu m	9,211.20	\$ 12.87	\$ 118,506.70	cu m	9211.20	\$ 13.08	\$ 120,442.49
206(1)	Subgrade preparation (common material)	sq m	4,160.00	\$ 0.54	\$ 2,242.86	sq.m	4160.00	\$ 0.65	\$ 2,724.69
				Sub Total 200	\$ 169,180.00				\$ 169,184.01
300	SUB BASE AND BASE COURSE								
301	Aggregate Subbase Coarse, 300mm thick	cu m	2,411.26	\$ 15.29	\$ 36,859.56	cu m	2411.26	\$ 14.43	\$ 34,792.56
303	Aggregate Base Class A, 200mm thick	cu m	1,523.23	\$ 63.11	\$ 96,131.56	cu m	1523.23	\$ 63.98	\$ 97,463.11
				Sub Total 300	\$ 132,991.12				\$ 132,255.67
400	SURFACE COURSES								
402	Bituminous Prime Coat	sq m	7,440.12	\$ 1.31	\$ 9,763.30	sq m	7440.12	\$ 1.38	\$ 10,280.53
403	Tack Coat	sq m	7,440.12	\$ 0.77	\$ 5,729.44	sq.m	7440.12	\$ 0.81	\$ 6,045.60
411(5a)	Asphaltic Concrete Wearing Course (AC-WC), 40mm thick	sq m	7,440.12	\$ 29.92	\$ 222,608.39	sq m	7440.12	\$ 19.98	\$ 148,673.20
411(6a)	Asphaltic Concrete Binder Course (AC-BC), 60mm thick	sq m	7,440.12	\$ 22.09	\$ 164,352.25	sq m	7440.12	\$ 27.90	\$ 207,583.51
				Sub Total 400	\$ 402,453.38				\$ 372,582.84
500	BRIDGE CONSTRUCTION								
502	Railing /Guard Fence	ln m	1,183.29	\$ 237.00	\$ 280,439.73	ln m	1183.29	\$ 237.00	\$ 280,439.73
505	Reinforcement Steel Bar	kg	43,404.68	\$ 1.59	\$ 68,926.63	kg	43404.68	\$ 1.59	\$ 68,926.63
506(1)	Structural Concrete Class A (30 MPa)	cu.m	503.25	\$ 245.17	\$ 123,383.71	cu.m	503.25	\$ 254.31	\$ 127,980.06
506(6)	Lean Concrete	cu m	64.10	\$ 109.55	\$ 7,022.08	cu.m	64.10	\$ 109.22	\$ 7,000.91
				Sub Total 500	\$ 479,772.16				\$ 484,347.34
600	DRAINAGE AND SLOPE PROTECTION STRUCTURE								
601(1)	Pipe Culverts PVC 150 mm, Class AW	ln m	534.15	\$ 10.50	\$ 5,608.58	ln m	534.15	\$ 11.92	\$ 6,365.06
601(2)	Pipe Culverts PVC 50 mm, Class AW	ln m	346.80	\$ 2.50	\$ 867.00	ln m	346.80	\$ 2.34	\$ 809.78
602(2)	Storm Dran, Concrete Side Ditch 0.60x0.70 m, (Class 21 MPa)	ln m	521.04	\$ 123.74	\$ 64,474.08	ln m	521.04	\$ 130.83	\$ 68,166.92
603(4)	Riprap, Class D (Armour Rock 100 - 200 kg)	cu.m	2,664.04	\$ 59.00	\$ 157,183.77	cu.m	2664.04	\$ 59.00	\$ 157,176.80
606	Stone Masonry 1 : 4	cu m	2,090.46	\$ 71.31	\$ 149,069.07	cu.m	2090.46	\$ 71.79	\$ 150,073.02
				Sub Total 600	\$ 377,202.50				\$ 382,591.59
700	MISCELLANEOUS STRUCTURES								
701	Concrete Curbs	Ln m	1,300.69	\$ 18.62	\$ 24,223.92	Ln m	1300.69	\$ 17.78	\$ 23,121.61
702 (a)	Sidewalk, concrete 21 Mpa, t=8 cm	sq m	1,435.16	\$ 19.03	\$ 27,308.69	sq m	1435.16	\$ 13.57	\$ 19,479.58
702 (b)	Sidewalk, paved concrete tactile paving t=4 cm	sq m	319.45	\$ 21.67	\$ 6,922.52	sq.m	319.45	\$ 14.36	\$ 4,586.69
702 (c)	Parking Pavement, Concrete 21 MPa t=15 cm	sq m	1,130.48	\$ 35.68	\$ 40,333.50	sq.m	1130.48	\$ 26.83	\$ 30,336.07
702 (d)	Stars Pavement, Concrete 21 MPa t=10 cm	sq m	190.11	\$ 23.79	\$ 4,521.94	sq.m	190.11	\$ 17.89	\$ 3,401.09
706 (1)	Warning Sign	each	5.00	\$ 145.00	\$ 725.00	each	5.00	\$ 145.00	\$ 725.00
706 (4b)	Road Lighting Pole, H = 7 m, Double Angle	each	7.00	\$ 1,689.21	\$ 11,824.47	each	7.00	\$ 1,744.49	\$ 12,211.40



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE: CONSTRUCTION OF CRISTO REI DLOCK JUNCTION ROAD (PACKAGE 1-B STA 1+000 TOSTA 1+520)
LOCATION: CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

COST ESTIMATION

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)
706 (4c)	Road Lighting Pole, H = 12 m, Single Angle	each	23.00	\$ 1,935.81	\$ 44,523.63	each	23.00	\$ 1,624.49	\$ 37,363.16
706 (4d)	Road Lighting Pole, H = 12 m, Double Angle	each	4.00	\$ 2,282.42	\$ 9,129.68				
707 (1)	Reflective Thermoplastic Pavement Marking	sq m	375.76	\$ 30.04	\$ 11,288.82	sq m	375.76	\$ 21.37	\$ 8,029.92
714 (4)	Concrete Expansion Joint	sq m	23.85	\$ 62.15	\$ 1,482.32	sq m	23.85	\$ 62.15	\$ 1,482.32
	Steel Grating 390 x 1000 x 50 mm	ln m	90.00	\$ 135.00	\$ 12,150.00	ln m	90.00	\$ 72.15	\$ 6,493.15
					Sub Total 700	\$ 194,434.49			\$ 147,229.98
800	BIOENGINEERING								
801 (2)	Grass Planting	sq m	184.65	\$ 16.88	\$ 3,116.15	sq m	184.65	\$ 6.38	\$ 1,177.33
801 (3)	Flamboyant Tree (Royal Poinciana) tinggi 1 m	each	24.00	\$ 200.00	\$ 4,800.00	each	24.00	\$ 70.66	\$ 1,695.91
801 (4)	Ketapang Kencana (Madagascar Almond) tinggi 50 cm	each	24.00	\$ 250.00	\$ 6,000.00	each	24.00	\$ 70.66	\$ 1,695.91
	Humus Soil	cu m	55.40	\$ 11.29	\$ 625.41	cu m	55.40	\$ 8.29	\$ 459.22
804	Geotextile	sq m	4,831.48	\$ 2.25	\$ 10,870.83	sq m	4831.48	\$ 2.15	\$ 10,399.76
					Sub Total 800	\$ 25,412.39			\$ 15,428.14
900	MATERIALS DETAILS								
910	Painting for Sidewalk and Stone Masonry Wall	sq m	3,636.01	\$ 3.42	\$ 12,435.15	sq m	3636.01	\$ 3.32	\$ 12,071.55
	Mobilization and Installation of Tetrapods, 0.92 Ton	unit	50.00	\$ 35.00	\$ 1,750.00	unit	50.00	\$ 34.05	\$ 1,702.45
	Mobilization and Installation of Tetrapods, 1.84 Ton	unit	1,600.00	\$ 55.00	\$ 88,000.00	unit	1600.00	\$ 63.10	\$ 100,957.03
	Supply and Install of Outdoor Bench	Unit	25.00	\$ 285.00	\$ 7,125.00	Unit	25.00	\$ 285.00	\$ 7,125.00
	Supply and Installation of Cable NYFGBY 4x95mm								
	- outdoor Panel (50x40x15 cm)					UNIT	1.00	\$ 56.60	\$ 56.60
	- Cable NYFGBY 4x95mm	ln m	1,050.09	\$ 78.00	\$ 81,906.81	ln m	1050.09	\$ 78.00	\$ 81,906.81
	- Power Outlet					UNIT	8.00	\$ 5.67	\$ 45.36
	- MCCB Domae Schneider 3 Phase 50A					UNIT	4.00	\$ 87.31	\$ 349.24
	- MCCB Domae Schneider 1 Phase 20A					UNIT	12.00	\$ 9.63	\$ 115.56
	- MCCB Domae Schneider 1 Phase 10A					UNIT	2.00	\$ 9.11	\$ 18.22
	- MCCB Domae Schneider 1 Phase 6A					UNIT	6.00	\$ 8.58	\$ 51.48
	- Clamp Cable 95 mm2					ls	1.00	\$ 100.00	\$ 100.00
	- Cable NYM 3x2.5 mm2					m	50.00	\$ 4.14	\$ 206.88
	- Cable Lugs					UNIT	32.00	\$ 2.53	\$ 80.96
	- Insulation Tape					UNIT	10.00	\$ 17.67	\$ 176.70
	- Pipa PVC Rucika 3" (3 Inch) Tipe AW Panjang 4 meter + Ass	ln m	262.52	\$ 9.95	\$ 2,612.07				
	- Manual Excavation 50 cm	cu m	105.01	\$ 5.14	\$ 539.74	cu m	105.01	\$ 5.14	\$ 539.74
	- Back Fill	cu m	35.00	\$ 1.70	\$ 59.50	cu m	35.00	\$ 1.70	\$ 59.50
	- Manhole Structure Concrete	Unit	2.00	\$ 850.00	\$ 1,700.00	Unit	2.00	\$ 850.00	\$ 1,700.00
					Sub Total 900	\$ 196,128.29			\$ 207,263.09
#1	SECURITY POST 1								
A	EARTH AND SAND WORK								
1	Setting out and measurement (Bouwplank)	ls	1.00	\$ 500.00	\$ 500.00	ls	1.00	\$ 284.11	\$ 284.11
2	Excavation for ordinary foundation	cu m	3.49	\$ 5.14	\$ 17.95	cu m	3.49	\$ 3.52	\$ 12.31
3	Foundation excavation backfilling	cu m	1.56	\$ 1.70	\$ 2.65	cu m	1.56	\$ 1.70	\$ 2.65
4	Sand filling under foundation	cu m	0.44	\$ 21.31	\$ 9.30	cu m	0.44	\$ 14.29	\$ 6.24
5	Sand filling under floor	cu m	1.89	\$ 21.31	\$ 40.24	cu m	1.89	\$ 14.29	\$ 26.98
6	Selected material filling for floor leveling	cu m	3.78	\$ 21.68	\$ 81.87	cu m	3.78	\$ 14.66	\$ 55.36
B	WALL MASONRY WORKS AND PLASTER WORK								
I	Ordinary block wall 40x20x10 cm masonry (1 cement - 4 sand)	sq m	54.62	\$ 13.14	\$ 717.69	sq m	54.62	\$ 12.97	\$ 708.41



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE: CONSTRUCTION OF CRISTO REI DOLLOCK OAN JUNCTION ROAD (PACKAGE 1-B STA. 1+000 TO STA. 1+520)

LOCATION: CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

COST ESTIMATION

NO.	ITEM DESCRIPTION	OWNER ESTIMATE					VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	
2	Ordinary wall plaster (1 cement : 4 sand) 15 mm thickness	sq m	109.24	\$ 5.20	\$ 568.04	sq m	109.24	\$ 5.11	\$ 558.20	
3	Wall Cement Render	sq m	114.53	\$ 3.23	\$ 360.94	sq m	114.53	\$ 3.20	\$ 366.50	
4	Bathroom Ceramic Wall 20x25 cm	sq m	28.30	\$ 22.18	\$ 627.69	sq m	28.30	\$ 21.98	\$ 622.03	
C	CONCRETE WORKS									
1	Concrete Foot Plate Foundation K300									
	Concrete K300	cu m	1.11	\$ 201.52	\$ 223.85	cu m	1.11	\$ 159.09	\$ 176.72	
	Reinforced	kg	141.69	\$ 1.59	\$ 225.00	kg	141.69	\$ 1.59	\$ 225.00	
	Formwork	sq m	12.61	\$ 17.52	\$ 220.96	sq m	12.61	\$ 17.52	\$ 220.96	
2	Concrete Sloof 150x255 mm - K175									
	Concrete K175	cu m	1.82	\$ 180.52	\$ 328.33	cu m	1.82	\$ 144.28	\$ 262.41	
	Reinforced	kg	381.23	\$ 1.59	\$ 605.39	kg	381.23	\$ 1.59	\$ 605.39	
	Formwork	sq m	24.20	\$ 28.46	\$ 688.72	sq m	24.20	\$ 28.46	\$ 688.72	
3	Concrete Beam Ring 150x300 mm - K175									
	Concrete K175	cu m	1.68	\$ 180.52	\$ 303.41	cu m	1.68	\$ 144.28	\$ 242.50	
	Reinforced	kg	284.50	\$ 1.59	\$ 451.79	kg	284.50	\$ 1.59	\$ 451.79	
	Formwork	sq m	13.45	\$ 45.88	\$ 616.90	sq m	13.45	\$ 45.88	\$ 616.90	
4	Concrete Column 150x150 mm - K175									
	Concrete K175	cu m	1.13	\$ 180.52	\$ 204.16	cu m	1.13	\$ 144.28	\$ 163.18	
	Reinforced	kg	101.96	\$ 1.59	\$ 161.91	kg	101.96	\$ 1.59	\$ 161.91	
	Formwork	sq m	30.16	\$ 37.90	\$ 1,143.03	sq m	30.16	\$ 37.90	\$ 1,143.03	
5	Concrete Roof, t = 120 mm - K175									
	Concrete K 175	cu m	3.04	\$ 180.52	\$ 548.87	cu m	3.04	\$ 144.28	\$ 438.68	
	Reinforced	kg	278.59	\$ 1.59	\$ 442.40	kg	278.59	\$ 1.59	\$ 442.40	
	Formwork	sq m	32.37	\$ 45.88	\$ 1,484.98	sq m	32.37	\$ 45.88	\$ 1,484.98	
6	Concrete Table, t = 80 mm - K175									
	Concrete K 175	cu m	0.38	\$ 180.52	\$ 67.79	cu m	0.38	\$ 144.28	\$ 54.18	
	Reinforced	kg	32.92	\$ 1.59	\$ 52.28	kg	32.92	\$ 1.59	\$ 52.28	
	Formwork	sq m	6.56	\$ 37.90	\$ 248.49	sq m	6.56	\$ 37.90	\$ 248.49	
D	FLOOR WORK									
1	Concrete Topping for Floor Work - K175	cu m	1.89	\$ 180.52	\$ 340.51	cu m	1.89	\$ 144.28	\$ 272.15	
2	Ceramic Tile 600x600mm	sq m	22.09	\$ 24.12	\$ 532.75	sq m	22.09	\$ 23.97	\$ 529.44	
3	Ceramic Tile 400x400mm	sq m	6.77	\$ 22.06	\$ 149.24	sq m	6.77	\$ 21.91	\$ 148.22	
4	Asphaltic Membrane Water Proofing Sheet	sq m	27.40	\$ 36.45	\$ 998.73	sq m	27.40	\$ 11.36	\$ 311.35	
5	Concrete Screed on Top Membrane t = 50 mm, 30 MPa	cu m	1.37	\$ 205.60	\$ 281.67	cu m	1.37	\$ 157.74	\$ 216.10	
E	DOORS, WINDOWS And VENTILATIONS WORKS									
	Door Type D-1, including all accessories	Unit	1.00	\$ 350.00	\$ 350.00	Unit	1.00	\$ 247.00	\$ 247.00	
	Door Type D-2, including all accessories	Unit	2.00	\$ 190.00	\$ 380.00	Unit	2.00	\$ 187.00	\$ 374.00	
	Door Type D-3, including all accessories	Unit	1.00	\$ 190.00	\$ 190.00	Unit	1.00	\$ 187.00	\$ 187.00	
	Door Type D-4, including all accessories	Unit	1.00	\$ 80.00	\$ 80.00	Unit	1.00	\$ 46.00	\$ 46.00	
	Window Type W-1 and Type-W1, including all accessories	Unit	1.00	\$ 300.00	\$ 300.00	Unit	1.00	\$ 92.00	\$ 92.00	
	Ventilation Type BV-1, including all accessories	Unit	3.00	\$ 90.00	\$ 270.00	Unit	3.00	\$ 46.00	\$ 138.00	
F	ROOFING AND CEILING WORK									
1	Supply and install gypsumboard 9mm thick, with structure hollow light steel frame including structure and all necessary works/material for perfect finish	sq m	15.37	\$ 24.81	\$ 381.27	sq m	15.37	\$ 24.81	\$ 381.27	



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE: CONSTRUCTION OF CRISTO REDELOCK ON JUK TION ROAD (PACKAGE 1-B STA 1+000 TO STA 1+520)
LOCATION: CRISTO REDELOCK MUNICIPALITY, TIMOR LESTE

COST ESTIMATION

NO.	ITEM DESCRIPTION	OWNER ESTIMATE					VERIFIED BY ADN				
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)		
2	Supply and install Calisboard 6 mm thick, with structure hollow light steel frame including structure and all necessary works/material for perfect finish	sq m	10.21	\$ 25.85	\$ 263.93	sq m	10.21	\$ 25.58	\$ 261.17		
3	Supply and install ceiling cornice profile ceiling gypsum	m'	34.50	\$ 3.49	\$ 120.41	m'	34.50	\$ 3.49	\$ 120.41		
G	ELECTRICAL WORKS										
	Box MCB 4 Lead					Unit	1.00	\$ 9.00	\$ 9.00		
1	Supply and install of solar panels, complete with accessories	Unit	1.00	\$ 479.50	\$ 479.50					\$ -	
2	Supply and install philips lamp 20 watt good quality	Unit	3.00	\$ 14.34	\$ 43.02	Unit	3.00	\$ 11.73	\$ 35.19		
3	Supply and install philips lamp 10 watt good quality	Unit	3.00	\$ 9.66	\$ 28.98	Unit	3.00	\$ 9.36	\$ 28.08		
4	Supply and install power outlet	Unit	1.00	\$ 6.85	\$ 6.85	Unit	1.00	\$ 5.67	\$ 5.67		
5	Supply and install single switch lamp good quality	Unit	4.00	\$ 3.93	\$ 15.72	Unit	4.00	\$ 5.15	\$ 20.60		
6	Supply and install double switch lamp good quality	Unit	1.00	\$ 5.30	\$ 5.30	Unit	1.00	\$ 5.67	\$ 5.67		
7	Cable NYM 3x2.5 mm good quality for installation electrical per room	point	45.00	\$ 2.40	\$ 108.00					\$ -	
	Lighting installation : NYM cable 3x2.5mm2 + 20mm PVC conduit high impact					point	7.00	\$ 29.58	\$ 207.06		
H	SANITATION WORK										
1	Squat closet colour white + accessories	Unit	3.00	\$ 74.03	\$ 222.09	Unit	3.00	\$ 73.96	\$ 221.88		
2	Wastafel colour white + accessories	Unit	2.00	\$ 100.71	\$ 201.42	Unit	2.00	\$ 100.71	\$ 201.42		
3	Supply and install Floor drain	Unit	3.00	\$ 5.22	\$ 15.66	Unit	3.00	\$ 5.22	\$ 15.66		
4	Pipe PVC AW dia 0.5" for cold water pipe instalation	m'	25.00	\$ 2.07	\$ 51.75	m'	25.00	\$ 2.07	\$ 51.75		
5	Pipe PVC dia 3" for waste water pipe instalation	m'	20.00	\$ 9.95	\$ 199.00	m'	20.00	\$ 9.95	\$ 199.00		
6	Pipe PVC dia 4" for water closed pipe instalation	m'	15.00	\$ 16.94	\$ 254.10	m'	15.00	\$ 16.94	\$ 254.10		
7	Supply and install water faucet	Unit	3.00	\$ 6.98	\$ 20.94	Unit	3.00	\$ 6.98	\$ 20.94		
8	Supply and install Profile Water Storage Tank 2000 L (capacity 2 cubic meters)	Unit	1.00	\$ 375.00	\$ 375.00	Unit	1.00	\$ 320.00	\$ 320.00		
9	Septictank 2000x1000 mm										
	Concrete K 300	cu m	2.84	\$ 201.52	\$ 571.51	cu m	2.84	\$ 159.09	\$ 451.17		
	Reinforced	kg	510.14	\$ 1.59	\$ 810.10	kg	510.14	\$ 1.59	\$ 810.10		
	Formwork	sq m	25.12	\$ 28.46	\$ 715.01	sq m	25.12	\$ 28.46	\$ 715.01		
	Pipe PVC dia. 3"	m'	1.30	\$ 9.95	\$ 12.94	m'	1.30	\$ 9.95	\$ 12.94		
	Pipe PVC dia. 6"	m'	7.45	\$ 34.76	\$ 258.96	m'	7.45	\$ 20.38	\$ 151.83		
	Tee PVC dia. 3"	Unit	1.00	\$ 5.00	\$ 5.00	Unit	1.00	\$ 4.42	\$ 4.42		
	Tee PVC dia. 6"	Unit	1.00	\$ 15.00	\$ 15.00	Unit	1.00	\$ 6.17	\$ 6.17		
	Ordinary block wall masonry 39x19x19 cm (1 cement - 4 sand)	sq m	0.92	\$ 27.20	\$ 25.02	sq m	0.92	\$ 27.03	\$ 24.87		
	Ordinary wall plaster (1 cement - 4 sand)	sq m	1.84	\$ 5.20	\$ 9.57	sq m	1.84	\$ 5.11	\$ 9.40		
	Wall Cement render	sq m	2.60	\$ 3.23	\$ 8.40	sq m	2.60	\$ 3.20	\$ 8.32		
10	Absorption (Diffusion)										
	Concrete K 300	cu m	0.05	\$ 201.52	\$ 10.72	cu m	0.05	\$ 159.09	\$ 8.46		
	Reinforced	kg	13.47	\$ 1.59	\$ 21.39	kg	13.47	\$ 1.59	\$ 21.39		
	Formwork	sq m	0.90	\$ 28.46	\$ 25.50	sq m	0.90	\$ 28.46	\$ 25.50		
	Gravel 20x20 mm	cu m	1.33	\$ 45.00	\$ 59.77	cu m	1.33	\$ 56.96	\$ 75.66		
	Fibre of Palmtree	sq m	10.21	\$ 10.00	\$ 102.10	sq m	10.21	\$ 10.00	\$ 102.10		
	Ordinary block wall masonry 39x19x19 cm (1 cement - 4 sand)	sq m	7.85	\$ 27.20	\$ 213.63	sq m	7.85	\$ 27.03	\$ 212.29		
	Ordinary wall plaster (1 cement - 4 sand)	sq m	3.77	\$ 5.20	\$ 19.60	sq m	3.77	\$ 5.11	\$ 19.26		
	Cement render	sq m	3.77	\$ 3.23	\$ 12.18	sq m	3.77	\$ 3.20	\$ 12.06		
I	PAINTING WORK										
1	Interior Wall Painting	sq m	45.74	\$ 3.42	\$ 156.44	sq m	45.74	\$ 3.42	\$ 156.44		
2	Exterior Wall Painting with Weather Bond Type Painting	sq m	51.47	\$ 4.41	\$ 227.00	sq m	51.47	\$ 4.41	\$ 227.00		



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE: CONSTRUCTION OF CRISTO REEDOLOCK JUNCTION ROAD (PACKAGE 1-B STA 14000 TO STA 1-520)
LOCATION: CRISTO REEDOLOCK MUNICIPALITY, TIMOR-LESTE

COST ESTIMATION

NO.	ITEM DESCRIPTION	OWNER ESTIMATE					VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	
3	Ceiling Painting	sq.m	25.58	\$ 3.33	\$ 85.17	sq.m	25.58	\$ 3.33	\$ 85.17	
J	SUPPLY AND INSTALLATION WORK									
1	Supply and Installation Steel Ladder	Unit	1.00	\$ 250.00	\$ 250.00	Unit	1.00	\$ 120.00	\$ 120.00	
										\$ 18,502.00
#II	SECURITY POST 2									
A	EARTH AND SAND WORK									
1	Setting out and measurement (Bouwplank)	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 284.11	\$ 284.11	
2	Excavation for ordinary foundation	cu.m	4.03	\$ 5.14	\$ 20.72	cu.m	4.03	\$ 3.52	\$ 14.21	
3	Foundation excavation backfilling	cu.m	1.90	\$ 1.70	\$ 3.23	cu.m	1.90	\$ 1.70	\$ 3.23	
4	Sand filling under foundation	cu.m	0.50	\$ 21.31	\$ 10.74	cu.m	0.50	\$ 14.29	\$ 7.20	
5	Sand filling under floor	cu.m	2.14	\$ 21.31	\$ 45.65	cu.m	2.14	\$ 14.29	\$ 30.61	
6	Selected material filling for floor leveling	cu.m	4.28	\$ 21.68	\$ 92.89	cu.m	4.28	\$ 14.66	\$ 62.81	
B	WALL MASONRY WORKS AND PLASTER WORK									
1	Ordinary block wall 40x20x10 cm masonry (1 sand - 4 sand)	sq.m	52.62	\$ 13.14	\$ 691.40	sq.m	52.62	\$ 12.97	\$ 682.45	
2	Ordinary wall plaster (1 cement - 4 sand) 15 mm thickness	sq.m	105.24	\$ 5.20	\$ 547.22	sq.m	105.24	\$ 5.11	\$ 537.75	
3	Wall cement render	sq.m	113.42	\$ 3.23	\$ 366.35	sq.m	113.42	\$ 3.20	\$ 362.95	
4	Bathroom ceramic wall 20x25 cm	sq.m	28.30	\$ 22.18	\$ 627.69	sq.m	28.30	\$ 21.98	\$ 622.03	
C	CONCRETE WORKS									
1	Concrete foot plate foundation K300									
	Concrete K300	cu.m	1.25	\$ 201.52	\$ 251.06	cu.m	1.25	\$ 159.09	\$ 198.19	
	Reinforced	kg	158.77	\$ 1.59	\$ 252.13	kg	158.77	\$ 1.59	\$ 252.13	
	Formwork	sq.m	13.06	\$ 17.52	\$ 228.85	sq.m	13.06	\$ 17.52	\$ 228.85	
2	Concrete sloof 150x255 mm - K175									
	Concrete K175	cu.m	2.17	\$ 180.52	\$ 392.54	cu.m	2.17	\$ 144.28	\$ 313.74	
	Reinforced	kg	449.33	\$ 1.59	\$ 713.54	kg	449.33	\$ 1.59	\$ 713.54	
	Formwork	sq.m	28.99	\$ 28.46	\$ 825.16	sq.m	28.99	\$ 28.46	\$ 825.16	
3	Concrete beam ring 150x300 mm - K175									
	Concrete K175	cu.m	1.68	\$ 180.52	\$ 303.41	cu.m	1.68	\$ 144.28	\$ 242.50	
	Reinforced	kg	284.50	\$ 1.59	\$ 451.79	kg	284.50	\$ 1.59	\$ 451.79	
	Formwork	sq.m	13.45	\$ 45.88	\$ 616.90	sq.m	13.45	\$ 45.88	\$ 616.90	
4	Concrete column 150x150 mm - K175									
	Concrete K175	cu.m	1.13	\$ 180.52	\$ 204.16	cu.m	1.13	\$ 144.28	\$ 163.18	
	Reinforced	kg	101.96	\$ 1.59	\$ 161.91	kg	101.96	\$ 1.59	\$ 161.91	
	Formwork	sq.m	30.16	\$ 37.90	\$ 1,143.03	sq.m	30.16	\$ 37.90	\$ 1,143.03	
5	Concrete roof, t= 120 mm - K175									
	Concrete K 175	cu.m	3.04	\$ 180.52	\$ 548.87	cu.m	3.04	\$ 144.28	\$ 438.68	
	Reinforced	kg	278.59	\$ 1.59	\$ 442.40	kg	278.59	\$ 1.59	\$ 442.40	
	Formwork	sq.m	32.37	\$ 45.88	\$ 1,484.98	sq.m	32.37	\$ 45.88	\$ 1,484.98	
6	Concrete table t= 80 mm - K175									
	Concrete K 175	cu.m	0.36	\$ 180.52	\$ 64.64	cu.m	0.36	\$ 144.28	\$ 51.67	
	Reinforced	kg	30.81	\$ 1.59	\$ 48.93	kg	30.81	\$ 1.59	\$ 48.93	
	Formwork	sq.m	6.07	\$ 37.90	\$ 229.88	sq.m	6.07	\$ 37.90	\$ 229.88	
D	FLOOR WORK									
1	Concrete topping for floor work - K175	cu.m	2.14	\$ 180.52	\$ 386.36	cu.m	2.14	\$ 144.28	\$ 308.79	
2	Ceramic Tile 600x600mm	sq.m	28.57	\$ 24.12	\$ 689.05	sq.m	28.57	\$ 23.97	\$ 684.76	



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE: CONSTRUCTION OF CRISTO REI DOLOCK JUNCTION ROAD (PACKAGE 1-B STA. 1+000 TO STA. 1+520)

LOCATION: CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

COST ESTIMATION

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)
3	Ceramic Tile 400x400mm	sq m	6.77	\$ 22.06	\$ 149.24	sq m	6.77	\$ 21.91	\$ 148.22
4	Asphaltic Membrane Water Proofing Sheet	sq m	27.40	\$ 36.45	\$ 998.73	sq m	27.40	\$ 31.36	\$ 311.35
5	Concrete Screed on Top Membrane t = 50 mm, 30 MPa	cu m	1.37	\$ 205.60	\$ 281.67	cu m	1.37	\$ 157.74	\$ 216.10
E	DOORS, WINDOWS And VENTILATIONS WORKS								
1	Door type D-1, including all accessories	Unit	1.00	\$ 350.00	\$ 350.00	Unit	1.00	\$ 247.00	\$ 247.00
2	Door type D-2, including all accessories	Unit	2.00	\$ 190.00	\$ 380.00	Unit	2.00	\$ 187.00	\$ 374.00
3	Door type D-3, including all accessories	Unit	1.00	\$ 190.00	\$ 190.00	Unit	1.00	\$ 187.00	\$ 187.00
4	Door type D-4, including all accessories	Unit	1.00	\$ 80.00	\$ 80.00	Unit	1.00	\$ 46.00	\$ 46.00
5	Window type W-1 and type-W1, including all accessories	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 92.00	\$ 184.00
6	Ventilation type BV-1, including all accessories	Unit	3.00	\$ 90.00	\$ 270.00	Unit	3.00	\$ 46.00	\$ 138.00
F	ROOFING AND CEILING WORK								
1	Supply and install gypsumboard 9 mm thick, with structure hollow light steel frame including structure and all necessary works/material for perfect finish	sq m	15.37	\$ 24.81	\$ 381.27	sq m	15.37	\$ 24.81	\$ 381.27
2	Supply and install Calsiboard 6 mm thick, with structure hollow light steel frame including structure and all necessary works/material for perfect finish	sq m	10.21	\$ 25.85	\$ 263.93	sq m	10.21	\$ 25.58	\$ 261.17
3	Supply and install ceiling cornice profile ceiling gypsum	m'	34.50	\$ 3.49	\$ 120.41	m'	34.50	\$ 3.49	\$ 120.41
G	ELECTRICAL WORKS								
	Box MCB 4 Load					unit	1.00	\$ 9.00	\$ 9.00
1	Supply and install of solar panels, complete with accessories	Unit	1.00	\$ 479.50	\$ 479.50			\$ -	\$ -
2	Supply and install philips lamp 20 watt good quality	Unit	3.00	\$ 14.34	\$ 43.02	Unit	3.00	\$ 11.73	\$ 35.19
3	Supply and install philips lamp 10 watt good quality	Unit	3.00	\$ 9.66	\$ 28.98	Unit	3.00	\$ 9.36	\$ 28.08
4	Supply and install power outlet	Unit	1.00	\$ 6.85	\$ 6.85	Unit	1.00	\$ 5.67	\$ 5.67
5	Supply and install single switch lamp good quality	Unit	4.00	\$ 3.93	\$ 15.72	Unit	4.00	\$ 5.15	\$ 20.60
6	Supply and install double switch lamp good quality	Unit	1.00	\$ 5.30	\$ 5.30	Unit	1.00	\$ 5.67	\$ 5.67
7	Cable NYM 3x2.5 mm good quality for installation electrical per room	point	45.00	\$ 2.40	\$ 108.00			\$ -	\$ -
	Lighting installation , NYM cable 3x2.5mm2 + 20mm PVC conduit high impact					point	7.00	\$ 29.58	\$ 207.06
H	SANITATION WORK								
1	Squat Closet Colour White + Accessories	Unit	3.00	\$ 74.03	\$ 222.09	Unit	3.00	\$ 73.96	\$ 221.88
2	Wastafel Colour White + Accessories	Unit	2.00	\$ 100.71	\$ 201.42	Unit	2.00	\$ 100.71	\$ 201.42
3	Supply and Install Floor Drain	Unit	3.00	\$ 5.22	\$ 15.66	Unit	3.00	\$ 5.22	\$ 15.66
4	Pipe PVC AW dia 0.5" for cold water pipe instalation	m'	25.00	\$ 2.07	\$ 51.75	m'	25.00	\$ 2.07	\$ 51.75
5	Pipe PVC dia 3" for waste water pipe instalation	m'	20.00	\$ 9.95	\$ 199.00	m'	20.00	\$ 9.95	\$ 199.00
6	Pipe PVC dia 4" for water closed pipe instalation	m'	15.00	\$ 16.94	\$ 254.10	m'	15.00	\$ 16.94	\$ 254.10
7	Supply and Install Water Fauet	Unit	3.00	\$ 6.98	\$ 20.94	Unit	3.00	\$ 6.98	\$ 20.94
8	Supply and Install Profile Water Storage Tank (capacity 2 cubic meters)	Unit	1.00	\$ 375.00	\$ 375.00	Unit	1.00	\$ 320.00	\$ 320.00
9	Septictank 2000x1000 mm								
	Concrete K 300	cu m	5.46	\$ 201.52	\$ 1,099.59	cu m	5.46	\$ 159.09	\$ 868.05
	Reinforced	kg	925.30	\$ 1.59	\$ 1,469.38	kg	925.30	\$ 1.59	\$ 1,469.38
	Formwork	sq m	46.94	\$ 28.46	\$ 1,335.88	sq m	46.94	\$ 28.46	\$ 1,335.88
	Pipe PVC dia. 3"	m'	1.44	\$ 9.95	\$ 14.33	m'	1.44	\$ 9.95	\$ 14.33
	Pipe PVC dia. 4"	m'	6.40	\$ 34.76	\$ 222.46	m'	6.40	\$ 20.38	\$ 130.43
	Tee PVC dia. 3"	Unit	1.00	\$ 5.00	\$ 5.00	Unit	1.00	\$ 4.42	\$ 4.42
	Tee PVC dia. 6"	Unit	1.00	\$ 15.00	\$ 15.00	Unit	1.00	\$ 6.17	\$ 6.17
	Ordinary Block Wall Masonry 39x19x19 cm (1 Cement - 4 Sand)	sq m	2.27	\$ 27.20	\$ 61.69	sq m	2.27	\$ 27.03	\$ 61.30
	Ordinary Wall Plaster (1 Cement - 4 Sand)	sq m	4.54	\$ 5.20	\$ 23.59	sq m	4.54	\$ 5.11	\$ 23.18



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE: CONSTRUCTION OF CRISTO REI DOCK ON JUNCTION ROAD (PACKAGE I-B, STA 1+000 TO STA 1+520)

LOCATION: CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

COST ESTIMATION

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)
	Wall Cement render	sq m	6.17	\$ 3.23	\$ 19.92	sq m	6.17	\$ 3.20	\$ 19.74
10	Absorption (Diffusion)								
	Concrete K 300	cu m	0.05	\$ 201.52	\$ 10.72	cu m	0.05	\$ 159.09	\$ 8.46
	Reinforced	kg	13.47	\$ 1.59	\$ 21.39	kg	13.47	\$ 1.59	\$ 21.39
	Formwork	sq m	0.90	\$ 28.46	\$ 25.50	sq m	0.90	\$ 28.46	\$ 25.50
	Gravel 20x20 mm	cu m	1.33	\$ 45.00	\$ 59.77	cu m	1.33	\$ 56.96	\$ 75.66
	Fibre of Palmtree	sq m	10.21	\$ 10.00	\$ 102.10	sq m	10.21	\$ 10.00	\$ 102.10
	Ordinary Block Wall Masonry 39x19x19 cm (1 Cement : 4 Sand)	sq m	7.85	\$ 27.20	\$ 213.63	sq m	7.85	\$ 27.03	\$ 212.29
	Ordinary Wall Plaster (1 Cement : 4 Sand)	sq m	3.77	\$ 3.23	\$ 19.60	sq m	3.77	\$ 3.20	\$ 19.26
	Cement render	sq m	3.77	\$ 3.23	\$ 12.18	sq m	3.77	\$ 3.20	\$ 12.06
I	PAINTING WORK								
1	Interior Wall Painting	sq m	44.75	\$ 3.42	\$ 153.05	sq m	44.75	\$ 3.42	\$ 153.05
2	Exterior Wall Painting with Weatherbond Type Painting	sq m	49.43	\$ 3.50	\$ 173.01	sq m	49.43	\$ 4.41	\$ 218.00
3	Ceiling Painting	sq m	25.58	\$ 3.75	\$ 95.92	sq m	25.58	\$ 3.33	\$ 85.17
J	SUPPLY AND INSTALLATION WORK								
1	Supply and Installation Steel Ladder	Unit	1.00	\$ 250.00	\$ 250.00	Unit	1.00	\$ 120.00	\$ 120.00
					Sub Total #II (Post Security 2)	\$ 23,841.74			\$ 20,804.72
					TOTAL CONSTRUCTION COST	\$ 2,042,790.53			\$ 1,959,575.07



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE: CONSTRUCTION OF CRISTO REI DILLOK, OAN JUNCTION ROAD (PACKAGE 1B STA 1-000 TO STA 1-520)
LOCATION: CRISTO REI DILLOK MUNICIPALITY, TIMOR-LESTE

OVERHEAD

NO.	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)	UNIT	QUANTITY	UNIT PRICE (US\$)	AMOUNT (US\$)
I	PROJECT TEAM								
	STAFF TEKNIKU								
1	Site Engineer	month	12.00	\$ 1,500.00	\$ 18,000.00	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
	STAFF APOIO SERVISU								
1	Logistics					LS	1	\$ 1,500.00	\$ 1,500.00
2	Administration					LS	1	\$ 1,200.00	\$ 1,200.00
3	Security	month	12.00	\$ 300.00	\$ 3,600.00	LS	1	\$ 1,800.00	\$ 1,800.00
II	KUSTU OPERASIONAL								
	OPERATIONAL OFFICE								
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
	RELATORIOS								
1	Daily, weekly, monthly reports					LS	1	\$ 240.00	\$ 240.00
2	Shop drawings, as built drawings	Ls	1.00	\$ 500.00	\$ 500.00	LS	1	\$ 200.00	\$ 200.00
III	KUSTU SERVISU APOIO NIAN								
1	Material Sampling & Testing					LS	1	\$ 8,320.00	\$ 8,320.00
	Mix Design Concrete	set	3.00	\$ 150.00	\$ 450.00				
	Concrete Compressive Strength	set	100.00	\$ 51.00	\$ 5,100.00				
	Rebar Tensile Strength	pcs	50.00	\$ 65.00	\$ 3,250.00				
	Job Mix Design Hot Mix Asphalt	mx	2.00	\$ 250.00	\$ 500.00				
	Embankment Test (FDT)	point	60.00	\$ 50.00	\$ 3,000.00				
	Core Drill Asphalt Test	point	30.00	\$ 51.00	\$ 1,530.00				
2	Personal protective equipment (PPE)	month	12.00	\$ 150.00	\$ 1,800.00	LS	1	\$ 480.00	\$ 480.00
				TOTAL	\$ 37,730.00				\$ 28,020.00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT TITLE CONSTRUCTION OF CRISTO REI DOLOCK OAN JUNCTION ROAD (PACKAGE 1-B, STA 1+000 TO STA 1+520)

LOCATION CRISTO REI, DILI MUNICIPALITY, TIMOR LESTE

SUMMARY

NO.	ITEM DESCRIPTION	AMOUNT (\$)
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	BIOENGINEERING	\$ -
900	MATERIALS DETAILS	\$ -
#I	SECURITY POST 1	\$ -
#II	SECURITY POST 2	\$ -
A	CONSTRUCTION COST	\$ -
B	CONTRACTOR FEE [(Ax10%)]	\$ -
C	OVERHEAD+	\$ -
D	TAX [2% x (A+B+C)]	\$ -
E	TOTAL AMOUNT (A+B+C+D)	\$ -

(15)



AGÈNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 14 de Julho de 2025Ref : 1244 /ADN, I.P./VII/2025

Hato' o ba : 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

Asuntu : Rezultado Verifikasiasaun – Project Dili Urban Road Package 2, Rehabilitation Manleuana, Part 2 Sta. 0+000-2+985, Suco Manleuana, Municipality Dili

OK

Ho Respeito,

Bazeia ba karta pedidu verifikasiasaun ho no ref: 683/UIVP-MOP/VI/2025 ho data 05 de Junho de 2025, ba asuntu ne'ebe mensiona iha leten, ekipa verifikasiasaun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasiasaun ba dokumentu refere. Ho nune'e bele hare rezultado verifikasiasaun iha (*aneksu*).

Ba ita bo'ot nia atensaun ami hato'o agradecimento wain no subkreve ho konsiderasaun a'as tebes.

Januario Maia Guterres

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



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 : 05 - 06 - 2025

Data do Documentos : 05 - 06 - 2025

Husi : Mop - UIVP

No. Ref : 683 / UIVP - MOP / VR / 2025

Projecto :

Dili Urban Road, Package 2, Rehabilitation
Manlevana, part 2 (sta. 0 + 000 - sta. 2 +
985) Dili Municipality.

Quantidade Documentos : 1

Anexo :

* BOQ + Desenho = 1

NB : USB anexo iha doc.
Nº Ref : 649

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

Visita foi realizada e
Anexo

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

Data : 5/6/25

Rui Lourenço da Costa
Director Executivo ADN



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN

NARAN PROJECTO :

*Urban Dil: urban road package 2, Rehabilita-
sau Manleuana, part 2 (sta. 0 footo - 2+985
Dili Municipality.*

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 Teknik	
12.	Soft Copy (BOQ iha Excel) no (Desenho iha Auto Cad) USB <i>Anexo 1hc Doc. No Ref ! 649</i>	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	✓



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

Avenida 20 de Maio Dili, Timor -Leste



Unidade do Inspecção e Verificação Para Pagamento – MOP

Dili, 05 de Junho de 2025

Hato' o ba :	Sr.Rui Lourenço da Costa Director Executivo-ADN, I. P.
No.ref :	083./UIVP-MOP/VI/2025
Assuntu :	Pedido Verifikasiun
Fontes de Orsamento :	Emergency
Tinan Alokasaun Orsamento :	2025
Naran Projetu :	Dili Urban Road Package 2, Rehabilitation Manleuana, Part 2 (Sta 0+000 – Sta 2+985) Suco Manleuana, Dili Timor - Leste

Ho respeitu,

Refere ba asuntu iha leten, Unidade do Inspecção e Verificação Para Pagamento - MOP enkaminha dokumentus ba **Dili Urban Road Package 2, Rehabilitation Manleuana, Part 2 (Sta 0+000 – Sta 2+985) Suco Manleuana, Dili Timor - Leste** hodi bele hetan verifikasiun husi ADN, I. P.

Nudar informasaun, orsamentu ba projetu 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 Inspecção e Verificação Para Pagamento – MOP



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE

IX GOVERNO CONSTITUCIONAL

MINISTÉRIO DAS OBRAS PÚBLICAS

Avenida 20 de Maio Dili, Timor -Leste



Project Title : Dili Urban Road, Package 2,
Rehabiltation Manleuana, Part 2 (Sta. 0+000 - Sta. 2+985)
Project Location : Suco Manleuana, Posto-Administrativo

Summaries Bill of Quantity

Pay Item	Description	Amount
100	General Requirements	\$ 61,249.70
200	Earth Works	\$ 84,118.29
300	Crushed Aggregates Base Course	\$ 115,294.34
400	Surfaces Course	\$ 343,765.47
600	Drainage and Slope Protection Structures	\$ 1,265,757.47
A	Construction Cost	\$ 1,870,185.26
B	Contractor Profit (10% x A)	\$ 187,018.53
C	Overhead	\$ 9,600.00
D	Tax (2% x (A + B + C))	\$ 41,336.08
E	Grand Total (A + B + C + D)	\$ 2,108,139.86

Verified by:

1. Eng. Amorin S. Menezes
Engineer of UIVP-MOP

2. Eng. Pedro Amaral
Engineer of UIVP-MOP

Checked By:

Eng. Martinho da Costa Graciano
Chefe Seksau Verifikasiun UIVP-MOP





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

Project Title : Dili Urban Road, Package 2, Rehabilitation Manleuana, Part 2 (Sta. 0+000 - Sta. 2+985)
Project Location : Suco Manleuana, Posto-Administrativo Dom-Aleixo, Município Dili
Project Owner : Ministry of Public Works

Summaries Bill of Quantity

Pay Item	Description	OWNER PROPOSED	ADN VERIFIED
		Amount (U\$D)	Amount (U\$D)
100	General Requirements	\$ 61,249.70	\$ 22,065.38
200	Earth Works	\$ 84,118.29	\$ 95,106.81
300	Crushed Aggregates Base Course	\$ 115,294.34	\$ 112,989.71
400	Surfaces Course	\$ 343,765.47	\$ 322,276.11
600	Drainage and Slope Protection Structures	\$ 1,265,757.47	\$ 1,157,657.86
A	Total	\$ 1,870,185.26	\$ 1,710,095.87
B	Profit (10% x A)	\$ 187,018.53	\$ 171,009.59
C	Overhead	\$ 9,600.00	\$ 26,385.00
D	Tax (2% x (A + B + C))	\$ 41,336.08	\$ 38,149.81
E	Grand Total (A + B + C + D)	\$ 2,108,139.86	\$ 1,945,640.26

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 Liu Soares)

Coordenador UAP ADN, I.P.



Project Title : Dili Urban Road, Package 2, Rehabilitation Manleuana, Part 2 (Sta. 0+000 - Sta. 2+985)

Project Location : Suco Manleuana, Posto Administrativo Dom-Alexio, Município Dili

Project Owner : Ministry of Public Works

Bill of Quantities

Pay Item	Description	OWNER PROPOSED			ADN VERIFIED		
		Unit	Quantity	Unit Price (USD)	Amount (USD)	Quantity	Unit Price (USD)
100	General Requirements	Ls.	1.00	\$ 17,950.00	\$ 17,950.00	1.00	\$ 6,075.68
102	Mobilization	Ls.	1.00	\$ 2,850.00	\$ 2,850.00	1.00	\$ 2,550.00
102(2)	Demobilization	Ls.	1.00	\$ 9,760.00	\$ 9,760.00		
106	Laboratory Testing	Ls.	1.00	\$ 3,500.00	\$ 3,500.00		
108	Traffic Management and Safety	Ls.	1.00	\$ 2,000.00	\$ 2,000.00		
109	Field Engineering Reports, Photos and As Built	Ls.	1.00	\$ 9,000.00	\$ 9,000.00		
114	Environmental Safeguard	Ls.	1.00	\$ 12,06	\$ 12,06	1.00	\$ 12,06
115 (1)	Realocation of Existing Water Supply Utility Pipe Diameter 2"	Ln.m	100.00	\$ 13,89	\$ 1,389.00	100.00	\$ 13,89
115(1b)	Realocation of Existing Water Supply Utility Pipe Diameter 3"-4"	Ln.m	100.00	\$ 1,01	\$ 100.82	100.00	\$ 100.82
115(1c)	Realocation of Existing Water Supply Utility Pipe HDPE PolyPIPE NOD 20mm (1/2")	Ln.m	100.00	\$ 1.16	\$ 116.22	100.00	\$ 116.22
115(1d)	Realocation of Existing Water Supply Utility Pipe HDPE PolyPIPE NOD 25mm (3/4")	Ln.m	100.00	\$ 2.06	\$ 205.70	100.00	\$ 205.70
115(1e)	Realocation of Existing Water Supply Utility Pipe HDPE PolyPIPE NOD 32mm (1")	Ln.m	100.00	\$ 2.92	\$ 291.50	100.00	\$ 291.50
115(1f)	Realocation of Existing Water Supply Utility Pipe HDPE PolyPIPE NOD 40mm (1 1/4")	Ln.m	100.00	\$ 3.79	\$ 379.12	100.00	\$ 379.12
115 (2)	Realocation of Existing Water Supply Utility Pipe HDPE PolyPIPE NOD 50mm (1 1/2")	Each	25.00	\$ 500.07	\$ 12,501.75	25.00	\$ 390.07
	Sub Total 100			\$ 61,249.70			\$ 22,065.38
200	Earth Works						
202 (3)	Removal of Pavement	Sq.m	13,988.09	\$ 2.25	\$ 31,537.00	13,988.09	\$ 2.84
202 (4)	Removal of Existing Concrete Plate Access to Properties	Cu.m	440.10	\$ 17.68	\$ 7,800.09	17.68	\$ 7,780.09
204(6)	Pipe Culvert and Drain Excavation	Cu.m	5,964.53	\$ 4.42	\$ 26,344.55	5,964.53	\$ 4.63
205 (2)	Selected Embankment	Cu.m	973.35	\$ 12.87	\$ 12,522.63	973.35	\$ 13.08
206 (1)	Sub-Grade Preparation (Common Materials)	Sq.m	11,005.82	\$ 0.54	\$ 5,934.02	11,005.82	\$ 0.65
	Sub Total 200			\$ 84,118.29			\$ 95,106.81
300	Crushed Aggregates Base Course						
301	Aggregates Sub-Base Course	Cu.m	1,168.08	\$ 15.29	\$ 17,855.80	1,168.08	\$ 15.79
303(1)	Aggregates Base Class A	Cu.m	1,650.87	\$ 59.02	\$ 97,438.54	1,650.87	\$ 57.27
	Sub Total 300			\$ 115,294.34			\$ 112,989.71
400	Surfaces Course						
402	Bituminous Prime Coat	Sq.m	11,005.82	\$ 1.31	\$ 14,442.38	11,005.82	\$ 1.38
411(6a)	Asphaltic Concrete Binder Course Hot Laid 60mm Thick	Sq.m	11,005.82	\$ 29.92	\$ 329,323.09	11,005.82	\$ 27.90
	Sub Total 400			\$ 343,765.47			\$ 322,276.11
600	Drainage and Slope Protection Structures						
601 (1C)	Concrete U-Ditch dim.0.7m x 0.7m x 1.0m (Include Cover) Class 25 Mpa	Each	644.00	\$ 230.62	\$ 148,518.24	644.00	\$ 230.62
601 (1F)	Concrete U-Ditch dim.0.5m x 0.5m x 1.0m (Include Cover) Class 25 Mpa	Each	4,738.00	\$ 185.32	\$ 878,061.70	4,738.00	\$ 185.32
602	Lean Concrete, Class 10 Mpa	Cu.m	596.45	\$ 103.97	\$ 62,013.71	596.45	\$ 101.63
603	Sand Bedding	Cu.m	298.23	\$ 22.20	\$ 6,619.83	298.23	\$ 22.96
609	Cast-in-Site Concrete U-Ditch Connection (Include Rebar) Class 25 Mpa	Cu.m	82.43	\$ 398.00	\$ 33,205.06	83.43	\$ 398.00
610	Cast-in Iron Manhole (60x60 cm2)	Each	542.00	\$ 253.39	\$ 137,338.93	542.00	\$ 56.11
	Sub Total 600			\$ 1,265,757.47			\$ 1,157,657.86
	Total			\$ 1,870,185.26			\$ 1,710,095.87
	A						



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

Project Title : Dili Urban Road, Package 2, Rehabilitation Manleuana, Part 2 (Sta. 0+000 - Sta. 2+985)
Project Location : Suco Manleuana, Posto-Administrativo Dom-Aleixo, Municipio Dili
Project Owner : Ministry of Public Works

OVERHEAD

NO	DESKRISAUN	ADN VERIFIED			
		UNIT	QUANTITY	UNIT PRICE	TOTAL
1	PROJECT TEAM				
	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
	Quality Control	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
	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00
	Sub Total				\$ 16,500.00
2	KUSTU OPERASIONAL				
	Stationary	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
	Sub Total				\$ 2,720.00
3	KUSTU SERVISU APOIO NIAN				
	Material Sampling & Testing	Ls	1.00	\$ 6,685.00	\$ 6,685.00
	Personal protective equipment (PPE)	Ls	1.00	\$ 480.00	\$ 480.00
	Sub Total				\$ 7,165.00
	TOTAL OVERHEAD				\$ 26,385.00



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

Avenida 20 de Maio Dili, Timor-Leste



Project Title : Dili Urban Road, Package 2, Rehabilitation Manleuana, Part 2 (Sta. 0+000 - Sta. 2+985)
Project Location : Suco Manleuana, Posto-Administrativo Dom-Aleixo, Municipio Dili
Project Owner : Ministry of Public Works

Bill of Quantities

Pay Item	Description	Unit	Quantity	Unit Price (USD)	Amount (USD)
100	General Requirements				
102	Mobilization	Ls	1.00	\$ 17,950.00	\$ 17,950.00
102(2)	Demobilization	Ls	1.00	\$ 2,850.00	\$ 2,850.00
106	Laboratory Testing	Ls	1.00	\$ 9,760.00	\$ 9,760.00
108	Traffic Management and Safety	Ls	1.00	\$ 3,500.00	\$ 3,500.00
109	Field Engineering (Reposrts, Photos and As Built)	Ls	1.00	\$ 2,000.00	\$ 2,000.00
114	Enviromental Safeguard	Ls	1.00	\$ 9,000.00	\$ 9,000.00
115 (1)	Realocation of Existing Water Supply Utility Pipe Diameter 2"	Ln.m	100.00	\$ 12.06	\$ 1,205.60
115(1b)	Realocation of Existing Water Supply Utility Pipe Diameter 3"-4"	Ln.m	100.00	\$ 13.89	\$ 1,389.00
115(1c)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 20mm (1/2")	Ln.m	100.00	\$ 1.01	\$ 100.82
115(1d)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 25mm (3/4")	Ln.m	100.00	\$ 1.16	\$ 116.22
115(1e)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 32mm (1")	Ln.m	100.00	\$ 2.06	\$ 205.70
115(1f)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 40mm (1 1/4")	Ln.m	100.00	\$ 2.92	\$ 291.50
115(1g)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 50mm (1 1/2")	Ln.m	100.00	\$ 3.79	\$ 379.12
115 (2)	Realocation of Electrical Post	Each	25.00	\$ 500.07	\$ 12,501.75
	Sub Total 100				\$ 61,249.70
200	Earth Works				
202 (3)	Removal of Pavement	Sq.m	13,988.09	\$ 2.25	\$ 31,537.00
202 (4)	Removal of Existing Concrete Plate Access to Properties	Cu.m	440.10	\$ 17.68	\$ 7,780.09
204(6)	Pipe Culvert and Drain Excavation	Cu.m	5,964.53	\$ 4.42	\$ 26,344.55
205 (2)	Selected Embankment	Cu.m	973.35	\$ 12.87	\$ 12,522.63
206 (1)	Sub-Grade Preparation (Common Materials)	Sq.m	11,005.82	\$ 0.54	\$ 5,934.02
	Sub Total 200				\$ 84,118.29
300	Crushed Aggregates Base Course				
301	Aggregates Sub-Base Course	Cu.m	1,168.08	\$ 15.29	\$ 17,855.80
303(1)	Aggregates Base Class A	Cu.m	1,650.87	\$ 59.02	\$ 97,438.54
	Sub Total 300				\$ 115,294.34
400	Surfaces Course				
402	Bituminous Prime Coat	Sq.m	11,005.82	\$ 1.31	\$ 14,442.38
411(6a)	Asphaltic Concrete Binder Course Hot Laid 60mm Thick	Sq.m	11,005.82	\$ 29.92	\$ 329,323.09
	Sub Total 400				\$ 343,765.47
600	Drainage and Slope Protection Structures				
601 (1C)	Concrete U-Ditch dim.0.7m x 0.7m x 1.0m (Include Cover) Class 25 Mpa	Each	644.00	\$ 230.62	\$ 148,518.24
601 (1F)	Concrete U-Ditch dim.0.5m x 0.5m x 1.0m (Include Cover) Class 25 Mpa	Each	4,738.00	\$ 185.32	\$ 878,061.70
602	Lean Concrete, Class 10 Mpa	Cu.m	596.45	\$ 103.97	\$ 62,013.71
603	Sand Bedding	Cu.m	298.23	\$ 22.20	\$ 6,619.83
609	Cast-in-Site Concrete U-Ditch Connection (Include Rebar), Class 25 Mpa	Cu.m	83.43	\$ 398.00	\$ 33,205.06
610	Cast-in Iron Manhole (60x60 cm ²)	Each	542.00	\$ 253.39	\$ 137,338.93
	Sub Total 600				\$ 1,265,757.47
A	Construction Cost				\$ 1,870,185.26



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



OVERHEAD

NAME OF PROJECT : DILI URBAN ROAD REHABILITATION
LOCATION OF PROJECT : FOMENTO - MERCADO MANLEUANA

NO.	DESCRIPTION	UNIT	QUANTITIES	UNIT COST	TOTAL COST
1	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
2	Site Security	Ls	1.00	\$ 3,600.00	\$ 3,600.00
TOTAL					\$ 9,600.00



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

Avenida 20 de Maio Dili, Timor -Leste



NAME OF PROJECT : Dili Urban Road, Package 2, Rehabilitation Manleuana, Part 2 (Sta. 0+000 - Sta. 2+985)

LOCATION OF PROJECT : Suco Manleuana, Posto-Administrativo Dom-Aleixo, Municipio Dili

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	
				US \$	\$
100	GENERAL REQUIREMENTS				
100	Mobilization	LS	1.00	\$ 17,950.00	\$
102	Desmobilization	LS	1.00	\$ 2,850.00	\$
102(2)	Laboratory Testing	LS	1.00	\$ 9,760.00	\$
106	Trafic Management System & Safety	LS	1.00	\$ 3,500.00	\$
108	Field Engineering (Reposirts, Photos and As Built)	LS	1.00	\$ 2,000.00	\$
109	Enviromental Safeguard	LS	1.00	\$ 9,000.00	\$
114	Realocation of Existing Water Supply Utility Pipe Diameter 2"	LS	100.00	\$ 12.06	\$
115 (1)	Realocation of Existing Water Supply Utility Pipe Diameter 3"-4"	LS	100.00	\$ 13.89	\$
115(1b)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 20mm (1/2")	Ln.m	100.00	\$ 1.01	\$
115(1c)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 25mm (3/4")	Ln.m	100.00	\$ 1.16	\$
115(1d)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 32mm (1")	Ln.m	100.00	\$ 2.06	\$
115(1e)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 40mm (1 1/4")	Ln.m	100.00	\$ 2.92	\$
115(1f)	Realocation of Existing Water Supply Utility Pipe HDPE Polypipe NOD 50mm (1 1/2")	Ln.m	100.00	\$ 3.79	\$
115(1g)	Realocation of Electrical Post	Each	25.00	\$ 500.07	\$
115 (2)					
200	EARTHWORKS				
201.(1)	Removal of Pavement	Sq.m	13,988.09	\$ 2.25	\$
203.2	Removal of Existing Concrete Plate Access to Properties	Cu.m	440.10	\$ 17.68	\$
204.(1)	Pipe Culvert and Drain Excavation	Cu.m	5,964.53	\$ 4.42	\$
205.(3)	Selected Embankment	Cu.m	973.35	\$ 12.87	\$
206.(1)	Sub-Grade Preparation (Common Materials)	Sq.m	11,005.82	\$ 0.54	\$
300	Crushed Aggregates Base Course				
301	Aggregates Sub-Base Course	Sq.m	1,168.08	\$ 15.29	\$
303(1)	Aggregates Base Class A	Sq.m	1,650.97	\$ 59.02	\$
400	SUB BASE AND BASE COURSE				
402	Bituminous Prime Coat	Sq.m	11,005.82	\$ 1.31	\$
411(6a)	Asphaltic Concrete Binder Course Hot Laid 60mm Thick	Sq.m	11,005.82	\$ 29.92	\$
500	Drainage and Slope Protection Structures				
505	Concrete U-Ditch dim.0.7m x 0.7m x 1.0m (Include Cover) Class 25 Mpa	Each	644.00	\$ 230.62	\$
506.1b	Concrete U-Ditch dim.0.5m x 0.5m x 1.0m (Include Cover) Class 25 Mpa	Each	4,738.00	\$ 185.32	\$
506.6	Lean Concrete, Class 10 Mpa	Cu.m	596.45	\$ 103.97	\$
601.(1a)	Sand Bedding	Ln.m	298.23	\$ 22.20	\$
601.(1b)	Cast-in-Site Concrete U-Ditch Connection (Include Rebar), Class 25 Mpa	Cu.m	83.43	\$ 398.00	\$
606	Cast-in Iron Manhole (60x60 cm ²)	Each	542.00	\$ 253.39	\$
	CONSTRUCTION COST				\$
	PROGRESS PER WEEK				
	CUMMULATIVE PROGRESS				

Verified by :

1. Eng. Amorin S. Menezes
 Engineer of UIVP-MOP

2. Eng. Pedro Amaral
 Engineer of UIVP-MOP

(16)



AGÉNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 28 de Março de 2025

Ref : 0452/ADN, I.P./III/2025

Hato'ó ba : Sr. Eng. Aleixo Amaral do Carmo
Koordenador Unidade de Inspeção e Verificação para Pagamento – MOP

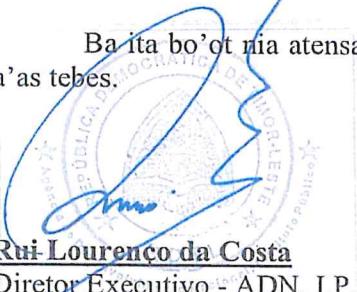
Cc : Sua Exceléncia Sr. Samuel Marçal
Ministro das Obras Públicas

Asunto : **Rezultado Verifikasiasaun – Projeto Obra Konstrusaun Estrada Lokal Plum Concrete & Drainagem Sta. 0+000-11+685 Suco Fatulia, Municipio Ermera**

Ho Respeito,

Bazeia ba karta pedidu verifikasiasaun ho no ref: 122/UIVP-MOP/II/2025 ho data 10 de Fevereiro de 2025, ba asuntu ne'ebe mensiona iha leten, ekipa verifikasiasaun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasiasaun ba dokumentu refere. Ho nune'e bele hare rezultado verifikasiasaun iha (*aneksu*).

Ba ita bo'ot mia atensaun ami hato'o agradecimento wain no subkreve ho konsiderasaun a'as tebes.


Rui Lourenço da Costa
Diretor Executivo - ADN, I.P.



on

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



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 11 - 02 - 2025

Data do Documento : 10 - 02 - 2025

Husi : MOP-UIUP

No. Ref : 122 UIUP - MOP/11/2025

Projecto :

Obra Konchusaun fstraße Lokal
Plum Concrete & Drainage
Cta. 07000 - Sta. 117685 Usuco
Fatubasi, Porto Adu. Matolia B,
Municipio Esmeralda.

Quantidade Documentos :

Anexo :

300 + Desculpo = 1

NB:

soft anexo iha
DOC. no. ref.
113

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

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

Data : 11/02/2025

for

Rui Lourenço da Costa
Director Executivo ADN

Solicita MAP atu halo Verifikasiun fir
pedido iha anexo.



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

CHECK LIST DOKUMENTOS BA VERIFIKASAUN

NARAN PROJECTO : *Obra Konstrusaun Estrada Lokal Piun
Concrete & Drainagem Sta Otoco - II + 685*

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	✓
X	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	✓
X	Spesifikasi Teknik	
12.	Soft Copy (BOQ iha Excel) no (Desenho iha Auto Cad) /USB <i>Anexo iha Ref 113</i>	✓
14.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	✓



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



Ministério das Obras Públicas

Unidade do Inspeção e Verificação Para Pagamento - MOP

Data, 10... Fevereiro de 2025

Hato'o ba :	<u>Sr.Rui Lourenço da Costa</u> Director Executivo-ADN, I. P.
CC :	
No.ref :	<u>122</u>/UIVP-MOP/II/2025
Assuntu :	Pedido Verifikasiun
Fontes de Orsamento :	Emergencia
Alokasaun orsamento Tinan :	2025
Naran Projetu :	Obra Konstrusaun Estrada Lokal Plum Concrete & Dranagem (Sta. 0+000 - Sta. 11+685). Suco Fatubesi, Posto Administrativo Hatolia B, Municipio Ermera.

Ho respeitu,

Baseia ba asuntu iha leten, Unidade do Inspeção e Verificação Para Pagamento - MOP enkaminha dokumentus ba projeto Obra Konstrusaun Estrada Lokal Plum Concrete & Dranagem (Sta. 0+000 - Sta. 11+685). Suco Fatubesi, Posto Administrativo Hatolia B, Municipio Ermera. bele hetan verifikasiun husi ADN, I. P.

Nudar informasaun, orsamentu ba projetu 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





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



DIRECÇÃO GERAL DE ESTRADAS, PONTES, PREVENÇÃO E controlo de cheias (DGEPPCC)
UNIDADE DE GESTÃO DE PROJETOS DE RESPOSTAS RÁPIDAS (UGPRR)
Avenida da Restauração, Ralotu, Dili, Timor Leste

BILL OF QUANTITY

PROJECT TITLE:

OBRA KONSTRUSAUN ESTRADA LOKAL PLUM CONCRETE & DRAINAGEM
(STA. 0+000 - STA. 11+685)

COORDINATE

STAR: X = 755813.4538 Y = 9031671.3255
END: X = 752391.6199 Y = 9034273.1420

PROJECT LOCATION:

SUCO FATUBESI, POSTO ADMINISTRACIVO HATOLIA B, MUNICIPIO ERMERA

DEZEMBRO, 2024



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



DIRECÇÃO GERAL DE ESTRADAS, PONTES, PREVENÇÃO E CONTROLO DE CHEIAS (DGEPPCC)
UNIDADE DE GESTÃO DE PROJETOS DE RESPOSTAS RÁPIDAS (UGPRR)
Avenida da Restauração, Raicofa, Dili, Timor Leste

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : OBRA KONSTRUSAUN ESTRADA LOKAL PLUM CONCRETE & DRAINAGEM (STA. 0+000 - STA. 11+685)

LOCATION OF PROJECT : SUCO FATUBESI, POSTO ADMINISTRACIVO HATOLIA B, MUNICIPIO ERMERA

SECTION NO.	DESCRIPTION	
100	GENERAL REQUIREMENTS	14,825.10
200	EARTHWORKS	69,508.61
300	SUB BASE AND BASE COURSE	503,156.56
500	BRIDGE CONSTRUCTION	211,703.33
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	472,605.66
800	BIOENGINEERING	4,543.92
Estimated Direct Cost (EDC)	(a)	1,276,343.18
Profit 10% of (a)	(b)	127,634.32
Tax 2% (a+b)	(c)	28,079.55
Bid Price Carried Forward to From of Bid (a+b+c)	(d)	1,432,057.05

Submitted by:

(Eng. Leão Freitas Guterres)
Vice Coordenador I, UGPRR

Certified by:

(Eng. Rito Edigar Ratima Ns de Jejus)
Coordenador UGPRR

Approved by:

(Eng. Nuno Lubato)
Director General DGEPPCC
28/02/2018

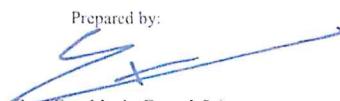
BILL OF QUANTITIES

NAME OF PROJECT : OBRA KONSTRUSAUN ESTRADA LOKAL PLUM CONCRETE & DRAINAGEM (STA. 0+000 - STA. 11+685)

LOCATION OF PROJECT : SUCU FATUBESI, POSTO ADMINISTRACIVO HATOLIA B, MUNICIPIO ERMERA

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS				
102.1	Mobilization	Ls	1.00	\$ 690.00	\$ 690.00
102.2	Demobilization	Ls	1.00	\$ 690.00	\$ 690.00
106	Laboratory Testing Services	Ls	1.00	\$ 8,495.10	\$ 8,495.10
108	Traffic Management & Safety	Ls	1.00	\$ 1,850.00	\$ 1,850.00
109	Field Engineering	Ls	1.00	\$ 3,100.00	\$ 3,100.00
<i>Sub Total 100</i>					\$ 14,825.10
200	EARTHWORKS				
203.2	Surplus Common Excavation	Cu.m	298.086	\$ 4.17	\$ 1,243.02
204.1	Structure Excavation	Cu.m	1,324.00	\$ 4.17	\$ 5,521.08
204.3	Foundation fill	Cu.m	14.40	\$ 22.79	\$ 328.18
204.3a	Ordinary Backfill from Excavation	Cu.m	18.16	\$ 4.02	\$ 72.95
204.6	Pipe culvert and Drain Excavation	Cu.m	3,907.975	\$ 5.21	\$ 20,360.55
205.1	Common Embankment	Cu.m	559.57	\$ 18.21	\$ 10,189.81
205.2	Selected Embankment	Cu.m	65.69	\$ 17.76	\$ 1,166.62
206.1	Subgrade Preparation (Common Material)	Sq.m	31,902.50	\$ 0.96	\$ 30,626.40
<i>Sub Total 200</i>					\$ 69,508.61
300	SUB BASE AND BASE COURSE				
307d	Plum Concrete 21 Mpa	Cu.m	2,734.50	\$ 184.00	\$ 503,156.56
<i>Sub Total 300</i>					\$ 503,156.56
500	BRIDGE CONSTRUCTION				
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	1,469.13	\$ 140.25	\$ 206,045.48
506.1d	Structural Concrete 15 Mpa (Guide Post & Kilometer Post)	Cu.m	7.20	\$ 204.12	\$ 1,469.66
506.1e	Structural Concrete Cyclop 21 Mpa	Cu.m	18.06	\$ 231.90	\$ 4,188.19
<i>Sub Total 500</i>					\$ 211,703.33
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES				
601(1c)	RCPC 1070mm diameter	Ln.m	60.50	\$ 457.81	\$ 27,697.80
606	Stone Masonry	Cu.m	4,385.60	\$ 100.37	\$ 440,194.14
610	Gabions	Cu.m	66.00	\$ 71.42	\$ 4,713.72
<i>Sub Total 600</i>					\$ 472,605.66
800	BIOENGINEERING				
804.3a	Geotextile	Sq.m	63.00	\$ 3.28	\$ 206.64
804.3c	Geogrid (ParaLink® 300)	Sq.m	288.00	\$ 15.06	\$ 4,337.28
<i>Sub Total 800</i>					\$ 4,543.92
TOTAL					\$ 1,276,343.18

Prepared by:


(Eng. Eusebio da Conceição)
 Engenheiro de Custos UGPRR

Checked by:


(Eng. Leão Freitas Gutierrez)
 Vice Coordenador I UGPRR





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

Avenida 20 de Maio Dili, Timor Leste



DIRECÇÃO GERAL DE ESTRADAS, PONTES, PREVENÇÃO E controlo de cheias (DGEPPCC)
UNIDADE DE GESTÃO DE PROJECTOS DE RESPOSTAS RÁPIDAS (UGPRR)
Avenida da Restauração, Raikotu, Dili, Timor Leste

TIME SCHEDULE

PROJECT TITLE:

OBRA KONSTRUSAUN ESTRADA LOKAL PLUM CONCRETE & DRAINAGEM (STA. 0+000 - STA. 11+685)

STAR: X = 755813.4538 Y = 9031671.3255
END: X = 752391.6199 Y = 9034273.1420

PROJECT LOCATION:

SUCO FATUBESI, POSTO ADMINISTRACIVO HATOLIA B, MUNICIPIO ERMERA

DEZEMBRO, 2024



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY BILL OF QUANTITIES

NAME OF PROJECT : OBRA KONSTRUSAUN ESTRADA LOKAL PLUM CONCRETE & DRAINAGEM (STA. 0+000 - STA. 11+685)

LOCATION OF PROJECT : SUCO FATUBESI, POSTO ADMINISTRACIVO HATOLIA B, MUNICÍPIO ERMERA

SECTION NO.	DESCRIPTION	OWNER ESTIMATE	VERIFIED BY ADN
		AMOUNT US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS	\$ 14,825.10	\$ 7,254.35
200	EARTHWORKS	\$ 69,508.61	\$ 39,411.10
300	SUB BASE AND BASE COURSE	\$ 503,156.56	\$ 282,869.85
500	BRIDGE CONSTRUCTION	\$ 211,703.33	\$ 214,881.87
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES	\$ 472,605.66	\$ 326,346.64
800	BIOENGINEERING	\$ 4,543.92	\$ 1,934.01
A	Estimated Direct Cost (EDC)	\$ 1,276,343.18	\$ 872,697.81
B	Profit 10% of (a)	\$ 127,634.32	\$ 87,269.78
C	Overhead		\$ 30,958.00
D	Tax 2% (a+b+c)	\$ 28,079.55	\$ 19,818.51
E	Bid Price Carried Forward to From of Bid (a+b+c)	\$ 1,432,057.05	\$ 1,010,744.10

Verified By :

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

Checked By:

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

Certified By :

25/3/25

Arch. José Fernando Lu Soares
Coordenador, UAP - ADN.IP



AGENCIA DE DESENVOLVIMENTO NACIONAL - I.P.

BILL OF QUANTITIES

NAME OF PROJECT : OBRA KONSTRUSAUN ESTRADA LOKAL PLUM CONCRETE & DRAINAGEM (STA. 0+000 - STA. 11+685)
LOCATION OF PROJECT : SUCO FATUBESI, POSTO ADMINISTRATIVO HATOLIA B, MUNICIPIO ERMERA

PAY ITEM	ITEM DESCRIPTION	OWNER ESTIMATE				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
100	GENERAL REQUIREMENTS								
102.1	Mobilization	Ls	1.00	\$ 690.00	\$ 690.00	Ls	1.00	\$ 4,404.35	\$ 4,404.35
102.2	Demobilization	Ls	1.00	\$ 690.00	\$ 690.00	Ls	1.00	\$ 2,850.00	\$ 2,850.00
106	Laboratory Testing Services	Ls	1.00	\$ 8,495.10	\$ 8,495.10			\$ -	\$ -
108	Traffic Management & Safety	Ls	1.00	\$ 1,850.00	\$ 1,850.00			\$ -	\$ -
109	Field Engineering	Ls	1.00	\$ 3,100.00	\$ 3,100.00			\$ -	\$ -
<i>Sub Total 100</i>					\$ 14,825.10				\$ 7,254.35
200	EARTHWORKS								
203.2	Surplus Common Excavation	Cu.m	298.086	\$ 4.17	\$ 1,243.02	Cu.m	298.09	\$ 1.95	\$ 581.59
204.1	Structure Excavation	Cu.m	1,324.00	\$ 4.17	\$ 5,521.08	Cu.m	1324.00	\$ 2.98	\$ 3,948.00
204.3	Foundation fill	Cu.m	14.40	\$ 22.79	\$ 328.18	Cu.m	14.40	\$ 18.76	\$ 270.15
204.3a	Ordinary Backfill from Excavation	Cu.m	18.16	\$ 4.02	\$ 72.95	Cu.m	18.16	\$ 3.43	\$ 62.25
204.6	Pipe culvert and Drain Excavation	Cu.m	3,907.975	\$ 5.21	\$ 20,360.55	Cu.m	3907.98	\$ 2.98	\$ 11,653.08
205.1	Common Embankment	Cu.m	559.57	\$ 18.21	\$ 10,189.81	Cu.m	559.57	\$ 3.43	\$ 1,918.09
205.2	Selected Embankment	Cu.m	65.69	\$ 17.76	\$ 1,166.62	Cu.m	65.69	\$ 18.76	\$ 1,232.35
206.1	Subgrade Preparation (Common Material)	Sq.m	31,902.50	\$ 0.96	\$ 30,626.40	Sq.m	31902.50	\$ 0.62	\$ 19,745.58
<i>Sub Total 200</i>					\$ 69,508.61				\$ 39,411.10
300	SUB BASE AND BASE COURSE								
307d	Plum Concrete 21 Mpa	Cu.m	2,734.50	\$ 184.00	\$ 503,156.56	Cu.m	2734.50	\$ 103.44	\$ 282,869.85
<i>Sub Total 300</i>					\$ 503,156.56				\$ 282,869.85
500	BRIDGE CONSTRUCTION								
506.1c	Structural Concrete 10 Mpa (Lean Concrete)	Cu.m	1,469.13	\$ 140.25	\$ 206,045.48	Cu.m	1469.13	\$ 143.54	\$ 210,879.41
506.1d	Structural Concrete 15 Mpa	Cu.m	7.20	\$ 204.12	\$ 1,469.66	Cu.m	7.20	\$ 147.01	\$ 1,058.44
506.1e	Structural Concrete Cyclop 21 Mpa	Cu.m	18.06	\$ 231.90	\$ 4,188.19	Cu.m	18.06	\$ 163.01	\$ 2,944.02
<i>Sub Total 500</i>					\$ 211,703.33				\$ 214,881.87
600	DRAINAGE AND SLOPE PROTECTION STRUCTURES								
601(1c)	RCPC 1070mm diameter	Ln.m	60.50	\$ 457.81	\$ 27,697.80	Ln.m	60.50	\$ 332.71	\$ 20,129.24
606	Stone Masonry 1 : 4 (batu kali)	Cu.m	4,385.60	\$ 100.37	\$ 440,194.14	Cu.m	4385.60	\$ 69.00	\$ 302,625.94
610	Gabions GALV 2X1X1M (80X100MM) WIRE 2.7MM,(Batu Kali)	Cu.m	66.00	\$ 71.42	\$ 4,713.72	Cu.m	66.00	\$ 54.42	\$ 3,591.46
<i>Sub Total 600</i>					\$ 472,605.66				\$ 326,346.64
800	BIOENGINEERING								
804.3a	Geotextile	Sq.m	63.00	\$ 3.28	\$ 206.64	Sq.m	63.00	\$ 2.22	\$ 139.64
804.3c	Geogrid (ParaLink® 300)	Sq.m	288.00	\$ 15.06	\$ 4,337.28	Sq.m	288.00	\$ 6.23	\$ 1,794.37
<i>Sub Total 800</i>					\$ 4,543.92				\$ 1,934.01
TOTAL					\$ 1,276,343.18				\$ 872,697.81



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

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LOCATION OF PROJECT : SUCO FATUBESI, POSTO ADMINISTRACIVO HATOLIA B, MUNICÍPIO ERMERA

OVERHEAD

No.	ITEM DESCRIPTION	VERIFIED BY ADN			
		UNIT	QTY	UNIT PRICE	AMOUNT
I	PROJECT TEAM				
	STAFF TEKNIKU				
1	Project Manager	Ls	1.00	\$ 6,000.00	\$ 6,000.00
3	Site Engineer	Ls	1.00	\$ 6,000.00	\$ 6,000.00
4	Quality Control	Ls	1.00	\$ 2,000.00	2,000.00
5	Health, Safety and Environment	Ls	1.00	\$ 1,500.00	1,500.00
6	Surveyor	Ls	1.00	\$ 1,000.00	1,000.00
	STAFF APOIO SERVISU				
1	Logistics	Ls	1.00	\$ 3,000.00	3,000.00
2	Administration	Ls	1.00	\$ 2,400.00	2,400.00
4	Security	Ls	1.00	\$ 1,800.00	\$ 1,800.00
II	KUSTU OPERASIONAL				
	OPERATIONAL OFFICE				
1	Stationary	Ls	1.00	\$ 600.00	600.00
2	Communication	Ls	1.00	\$ 600.00	600.00
3	Meetings	Ls	1.00	\$ 200.00	200.00
4	Electricity	Ls	1.00	\$ 600.00	600.00
5	Water	Ls	1.00	\$ 600.00	600.00
	RELATORIOS				
1	Daily, weekly, monthly reports	Ls	1.00	\$ 240.00	240.00
2	Shop drawings, as built drawings	Ls	1.00	\$ 240.00	\$ 240.00
3	Quality control report, test report, engineering report, final report	Ls	1.00	\$ 100.00	100.00
III	KUSTU SERVISU APOIO NIAN				
1	Material Sampling & Testing	Ls	1.00	\$ 3,578.00	\$ 3,578.00
2	Personal protective equipment (PPE)	Ls	1.00	\$ 500.00	\$ 500.00
	TOTAL				\$ 30,958.00