



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



Conselho de
Administração

DELIBERASAUN N. 118/VIII/CAFI/2025

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

Asuntu: Pedidu Aprovasaun no autorizasaun despesas no konfirmasaun Finansiamentu iha FI 2025 ba Projetu sira hanesan tuir mai:

1. *New Construction of Health Profisional Residence, Ailora, Alas Manufahi Municipality;*
2. *Nova Construção do Posto de Saúde e Residencia Medica em Sidole, Fahiria, Município Aileu;*
3. *Nova Construção do Posto de Saúde e Residencia Medica em Mau-Ururia, Hololau, Município Aileu;*
4. *Nova Construção do Posto de Saúde e Residencia Medica em Faturasa, Remexio, Município Aileu*
5. *Nova Construção do Centro Comunitário de Saude (CHC) Lebutu, Lapat, no Município Ermera.*

Proponente: Ministerio da Saúde – MdS

Notas/justifikasiasaun:

- Bazeia ba despacho husi Ministro do MPIE ho karta no. 1323/CG-GMPIE/VIII/2025, data 19 de Agosto de 2025, ba karta pedidu husi S.E. Ministra da Saúde Sra. Élia. A.A. dos Reis Amaral, SH ho no ref: 465/MS/VIII/2025, data 14 de Agosto de 2025, ho asuntu Apresentasaun de Projetos em Reunião do CAFI;
- Bazeia ba despacho husi Ministro do MPIE ho karta no. 892/CG-GMPIE/VI/2025, data 9 de junho de 2025, ba karta pedidu husi S.E. Ministra da Saúde Sra. Élia. A.A. dos Reis Amaral, SH ho no ref: 348/MS/VI/2025, data 4 de junho de 2025, ho asuntu Pedido agendamento de apresentação de dois projetos no CAFI;
- Considerando a necessidade de continuar a cumprir o programa do IX Governo Constitutional dotado, Timor-Leste das Infraestruturas necessarias e adequadas a melhoria dos cuidados de Saúde da população;
- Bazeia ba karta husi ADN, I.P., ho no ref.; 0747/ADN, I.P./V/2025, data 14 de maio de 2025 ho assuntu Rezultado Verifikasiasaun –Project New Construction of Health Profisional Residence, Ailora, Alas Manufahi Municipality;

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- 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;
- DL Nº. 25/2024, de 22 de maio, Primeira Alteração ao DL Nº.13/2016, 18 de Maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento projeto FI nian sei lao tuir Regime Juridiku Aprovizionamento em vigor;
- Modalidade aprovisionamento bazeia ba kustu projetu no sei lao tuir Decreto-Lei No.22/2022 de 11 de Maio;
- Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
- Projetu nain konfirma katak sei assume responsabilidade ba monitorizasaun e akompanhamentu ba ezekusaun projetu ne'e no sei garante kualidade servisu nian tuir padraun no espesifikasi saun ne'ebe aprova ona;
- Lista Proposta:

No.	Naran Projeto	Verifikasi saun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade
1	Nova Construção do Posto de Saúde e Residencia Medica em Sidole, Fahiria, Municipio Aileu	\$ 401,132.73	<ul style="list-style-type: none">• FI 2025: \$ 2,000,000.00• Programa 528: Cuidado de Saúde Primários• Kodigu atividade 5280913: Konstrusaun Fasilitade Saude iha 13 Municipios.
2	Nova Construção do Posto de Saúde e Residencia Medica em Mau-Ururia, Hololau, Municipio Aileu	\$ 408,212.19	<ul style="list-style-type: none">• FI 2025: \$ 2,000,000.00• Programa 528: Cuidado de Saúde Primários• Kodigu atividade 5280913: Konstrusaun Fasilitade Saude iha 13 Municipios.
3	Nova Construção do Posto de Saúde e Residencia Medica em Faturasa, Remexio, Municipio Aileu	\$407,983.85	<ul style="list-style-type: none">• FI 2025: \$ 2,000,000.00• Programa 528: Cuidado de Saúde Primários• Kodigu atividade 5280913: Konstrusaun Fasilitade Saude iha 13 Municipios.
4	Nova Construção do Centro Comunitário de Saude (CHC) Lebutu, Lapat, no Municipio Ermera.	\$501,102.30	<ul style="list-style-type: none">• FI 2025: \$ 2,000,000.00• Programa 528: Cuidado de Saúde Primários



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			<ul style="list-style-type: none"> Kodigu atividade 5280913: Konstrusaun Fasilidade Saude iha 13 Municipios. FI 2025: \$ 2,000,000.00 Programa 528: Cuidado de Saúde Primários Kodigu atividade 5280913: Konstrusaun Fasilidade Saude iha 13 Municipios.
5	Project New Construction of Health Profisional Residence, Ailora, Alas Manufahi Municipality	\$; 144,656.09 no ref.; 0747/ADN, I.P./V/2025, data 14 de maio de 2025	

Rekomendasaun:

- 1) CAFI atu aprova no autoriza despezas no kustu total nune'e mos konfirma finansiamentu iha FI 2025 bazeia ba pedidu husi MdS;
- 2) 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;
- 3) CAFI nudar orgão competente ba aprovasaun no autorizasaun despezas bazeia ba DL no. 23/2022, de 19 de maio;
- 4) DL N°. 25/2024, de 22 de maio, Primeira Alteração ao DL N°.13/2016, 18 de Maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento projetu FI nian sei lao tuir Regime Juridiku Aprovizionamento em vigor;
- 5) Decreto-Lei N°. 22/2022 de 11 de Maio, o regime jurídico do aprovisionamento, dos contratos públicos e das respectivas infracções, artigo 42º Regras Espesiais, desizaun kona ba modalidade aprovisionamentu determina bazeia ba kustu projetu no justifikasaun tekniku no legal husi MdS hanesan entidade adjudikante;
- 6) Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
- 7) 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 nian tuir espesifikasiadaun nebe aprova ona;

Desizaun:

1. CAFI aprova no autoriza despeza no kustu total ba projetu nune'e mos konfirma finansiamentu iha FI 2025 bazeia ba pedidu husi projeto nain MdS;
2. 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;

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3. CAFI nudar orgão competente ba aprovasaun no autorizasaun despezas bazeia ba DL no. 23/2022, de 19 de maio;
4. DL N°. 25/2024, de 22 de maio, Primeira Alteração ao DL N°.13/2016, 18 de Maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento projetu FI nian sei lao tuir Regime Juridiku Aprovisionamento em vigor;
5. Decreto-Lei N°. 22/2022 de 11 de Maio, o regime jurídico do aprovisionamento, dos contratos públicos e das respectivas infracções, artigo 42º Regras Espesiais, desizaun kona ba modalidade aprovisionamentu determina bazeia ba kustu projetu no justifikasaun tekniku no legal husi MdS hanesan entidade adjudikante;
6. Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
7. 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 nian tuir espesifikasiun nebe aprova ona;

8. Lista aprovasaun CAFI:

No.	Naran Projeto	Verifikasiun ADN, I.P.	Alokasaun FI 2025/ Kodigu Atividade	Orgaun Kompetênti - DL No. 23/2022, 19 de Maio
1	Nova Construção do Posto de Saúde e Residencia Medica em Sidole, Fahiria, Municipio Aileu	\$ 401,132.73	<ul style="list-style-type: none"> • FI 2025: \$ 2,000,000.00 • Programa 528: Cuidado de Saúde Primários • Kodigu atividade 5280913: Konstrusaun Fasilidade Saude iha 13 Municipios. 	<ul style="list-style-type: none"> • CAFI : Konfirmasasaun Finansiammentu; • CAFI: alinea 1 (b) Artigo Artigo 5.º Competência para a autorização da despesa.
2	Nova Construção do Posto de Saúde e Residencia Medica em Mau-Ururia, Hololau, Municipio Aileu	\$ 408,212.19	<ul style="list-style-type: none"> • FI 2025: \$ 2,000,000.00 • Programa 528: Cuidado de Saúde Primários • Kodigu atividade 5280913: Konstrusaun Fasilidade Saude iha 13 Municipios. 	<ul style="list-style-type: none"> • CAFI : Konfirmasasaun Finansiammentu; • CAFI: alinea 1 (b) Artigo Artigo 5.º Competência para a autorização da despesa.
3	Nova Construção do Posto de Saúde e Residencia Medica em Faturasa, Remexio, Municipio Aileu	\$407,983.85	<ul style="list-style-type: none"> • FI 2025: \$ 2,000,000.00 • Programa 528: Cuidado de Saúde Primários • Kodigu atividade 5280913: Konstrusaun Fasilidade Saude iha 13 Municipios. 	<ul style="list-style-type: none"> • CAFI : Konfirmasasaun Finansiammentu; • CAFI: alinea 1 (b) Artigo Artigo 5.º Competência para a

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				autorização da despesa.
4	Nova Construção do Centro Comunitário de Saúde (CHC) Lebutu, Lapat, no Município Ermera.	\$501,102.30	<ul style="list-style-type: none">• FI 2025: \$ 2,000,000.00• Programa 528: Cuidado de Saúde Primários• Kodigu atividade 5280913: Konstrusaun Fasilitade Saude iha 13 Municipios.	<ul style="list-style-type: none">• CAFI : Konfirmasasaun Finansiamentu;• CAFI: alinea 1 (b) Artigo Artigo 5.º Competência para a autorização da despesa.
5	Project New Construction of Health Professional Residence, Ailora, Alas Manufahi Municipality	\$; 144,656.09 no ref.; 0747/ADN, I.P./V/2025, data 14 de maio de 2025	<ul style="list-style-type: none">• FI 2025: \$ 2,000,000.00• Programa 528: Cuidado de Saúde Primários• Kodigu atividade 5280913: Konstrusaun Fasilitade Saude iha 13 Municipios.	<ul style="list-style-type: none">• CAFI : Konfirmasasaun Finansiamentu;• CAFI: alinea 1 (b) Artigo Artigo 5.º Competência para a autorização da despesa.

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Conselho de
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Aprovado husi CAFI iha loron 25 de Agosto de 2025.

O Conselho de Administração do Fundo das Infraestruturas

O presidente,



Gastão Francisco de Sousa

Ministro do Planeamento e Investimento Estratégico

Santina José Rodrigues Ferreira Viegas Cardoso

Ministra das Finanças

(La Partisipa iha Reuniaun)



Miguel Marques Gonçalves Manetelu

Ministro dos Transportes e Comunicações



Samuel Marçal

Ministro das Obras Públicas

DELIBERASAUN N.º118/VIII/CAFI/2025



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Annexo:

DELIBERASAUN N.º118/VIII/CAFI/2025

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

NOTA DE DESPAICHO

1. ORIGEM DO DOCUMENTO

N Ref; 892/CG-GMPIE/VI/2025

Data do Documento : 9 / 06 /2025

Proveniência do Documento

GMPIE

2. DETALHES DO DOCUMENTO

Data Entrada do Documento: 9 / 06/2025

Enviado ao:

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

Assunto:

Encaminha Despacho Ministro MPIE Kona-ba karta ho No.Oficio 348/MS/VI/2025,data 4 de Junho de 2025
husi Sua. Excelencia Ministra da Saude ho assunto Pedido Agendamento de Apresentação de dois
Projetos no Concelho de Administração do Fundo das Infraestruturas.

3. INSTRUÇÃO DO DIRETOR DO SGP

Data do Despacho: 10 / 6 /2025

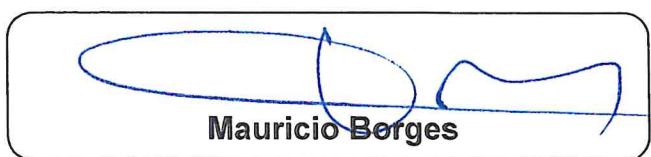
Para Sr/a

1. Sr/a Maria Viana
2. Sr/a Maria Ferreira
3. Sr/a _____

Despacho:

*Função ho Correto
Mudar Se IASFI*

Assinatura :


Mauricio Borges



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



Dili, 9 de Junho de 2025

Nu. Ref : 891 /CG-GMPIE/VI/2025

Hato' o ba : Diretor Executivo SGP
Senhor Mauricio Borges

Assunto : Encaminha Despacho Ministro MPIE

Ho Respeito,

Konforme assunto iha leten, Gabinete do Ministro encaminha Despacho Ministro kona ba Karta ho No. Oficio 348/MS/VI/2025, data 4 de Junho de 2025b husi Sua. Excelencia Ministra da Saude ho assunto Pedido Agendamento de apresentação de dois projetos no Concelho de Administração do Fundo das Infraestruturas. Despacho Ministro hakerek iha kraik no anexo iha kotuk.

Despacho Ministro : Para, SGP – MPIE

Agendar para reunião do CAFI

Data Despacho : 06.5.2025

Ba atensaun no kolabarasaun lahaluha hato' o obrigado wain.

Hau nia melhores cumprimentos

Tomás de Fatima da Silva
Chefe Gabinete do Ministro-MPIE



MINISTÉRIO DA SAÚDE

Gabinete da Ministra

S.R.F
Agende p/reunião
a CAFI

Ref.: 348 /MS/VI/2025

Díli, 4 de junho de 2025

06.05.2025

Para: Sua Excelência, Ministro do Planeamento e Investimento Estratégico e Presidente do CAFI

Senhor Eng.^o Gastão Francisco de Sousa

C/C: Diretora da Unidade de Gestão de Projetos de Saúde

Senhora Adélia Maria Moniz Barreto, MPH

Assunto: Pedido agendamento de apresentação de dois projetos no Conselho de Administração do Fundo das Infraestruturas

Excelência,

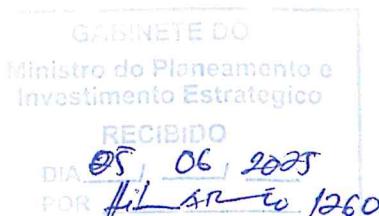
Considerando a necessidade de continuar a cumprir o Programa do IX Governo Constitucional dotando Timor-Leste das infraestruturas necessárias e adequadas à melhoria dos cuidados de saúde da população, o Ministério da Saúde requer a Vossa Excelência, na qualidade de Presidente do Conselho de Administração do Fundo das Infraestruturas, que agende a apresentação em sede de reunião do Conselho de Administração, dos seguintes projetos:

1. Consultancy Services for the Detail Engineering Design (DED) of the new construction for the Ministry of Health Services Building, in Caicoli, Díli;
2. New construction of Health Professional Residence in Ailora, Alas, Município de Manufahi.

Esperando corresponder às melhores expectativas de Vossa Excelência, senhor Ministro do Planeamento e Investimento Estratégico e Presidente do CAFI, e desde já disponível para qualquer esclarecimento, apresento os cordiais cumprimentos.



dr. Élia A. A. dos Reis Amaral, SH
Ministra da Saúde



Rua Palácio das Cinzas
Caicoli postal 374
Díli, Timor-Leste



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
MINISTÉRIO DA SAÚDE
Unidade de Gestão de Projetos da Saúde

Ref.º: 363/MS-DGUGPS/MS/V/2025

Dili, 29 de Maio de 2025

Sua Excelência,
dr. Élia A. A. dos Reis Amaral, SH
Ministra da Saúde
República Democrática de Timor-Leste

Assunto: Apresentação em CAFI de dois projetos

Classificação: Normal

Sua Excelência,

Venho, por este meio, solicitar a Vossa Excelência a apresentação, em sede de CAFI, das seguintes propostas, já devidamente verificadas pela Agência de Desenvolvimento Nacional (ADN), conforme documentação em anexo:

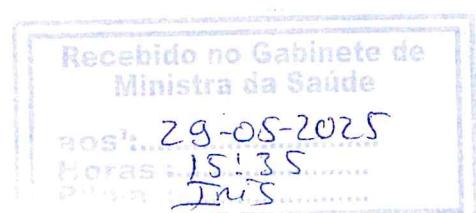
1. *Consultancy Services for the Detail Engineering Design (DED) of the New Construction for the Ministry of Health Services Building in Caicoli, Díli;*
2. *New Construction of Health Professional Residence in Ailora, Alas, Município de Manufahi.*

Permaneço à sua disposição para quaisquer esclarecimentos que considere necessários.

Certa do merecimento e atenção de Sua Excelência, Sra. Ministra aceite, o testemunho da minha mais alta consideração.



dr. Adélia Maria Moniz Barreto, MPH
Diretora Geral
Unidade de Gestão de Projetos da Saúde





AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 14 de Maio de 2025

Ref : 0747 /ADN, I.P./V/2025

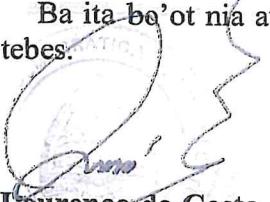
Hato' o ba : **Sra. dr. Adelia Maria Moniz Barreto, MPH**
Diretora Geral Unidade de Gestão de Projetos da Saúde – MS

Asuntu : **Rezultado Verifikasioun – Project New Construction of Health Profisional Residence, Ailora, Alas, Manufahi Municipality**

Ho Respeito,

Bazeia ba karta pedido verifikasioun ho no ref. 240/MS-UJPS/ADN/IV/2025 ho data 03 de Abril de 2025, ba asuntu ne'ebi mensiona iha leten, ekipa verifikasioun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasioun ba dokumentus refere. Ho nune bele hare rezultado verifikasioun iha (*aneksu*).

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


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



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

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION OF HEALTH PROFISSIONAL RESIDENTS

LOCATION : AILORA-ALAS, MANUFAHI MUNICIPALITY-TIMOR LESTE

SUMMARY			
No	WORK DESCRIPTION	OWNER ESTIMATE	ADN VERIFIED
		AMOUNT	AMOUNT
A	BUILDING A	\$ 78,322.29	\$ 61,591.28
I	PREPARATION WORKS	\$ 16,029.31	\$ 5,082.36
II	FOUNDATION WORKS	\$ 2,131.21	\$ 2,208.46
III	CONCRETE WORKS	\$ 11,119.59	\$ 11,037.28
IV	WALL INSSTALLATION AND PLESTERING	\$ 6,397.39	\$ 8,358.08
V	STAIRS WORKS	\$ 634.26	\$ 670.73
VI	DOORS & WINDOWS WORKS	\$ 5,760.00	\$ 3,504.15
VII	ROOFING WORKS	\$ 10,665.52	\$ 9,021.93
VIII	CEILING WORKS	\$ 2,822.85	\$ 2,688.48
IX	FLOOR TILE WORKS	\$ 2,536.31	\$ 2,643.09
X	ELECTRICAL WORKS	\$ 3,120.48	\$ 2,998.25
XI	SANITATION WORKS	\$ 6,410.84	\$ 3,934.14
XII	PAINTING WORKS	\$ 1,365.23	\$ 1,401.38
XIII	TOWER WORKS	\$ 5,562.10	\$ 5,040.75
XIV	FURNITURE	\$ 3,767.20	\$ 3,002.20
B	BUILDING B	\$ 57,974.18	\$ 51,894.73
I	PREPARATION WORKS	\$ 1,243.31	\$ 426.56
II	FOUNDATION WORKS	\$ 2,131.21	\$ 2,208.46
III	CONCRETE WORKS	\$ 11,119.59	\$ 11,037.28
IV	WALL INSSTALLATION AND PLESTERING	\$ 6,397.39	\$ 8,358.08
V	STAIRS WORKS	\$ 634.26	\$ 670.73
VI	DOORS & WINDOWS WORKS	\$ 5,760.00	\$ 3,504.15
VII	ROOFING WORKS	\$ 10,665.52	\$ 9,021.93
VIII	CEILING WORKS	\$ 2,822.85	\$ 2,688.48
IX	FLOOR TILE WORKS	\$ 2,536.31	\$ 2,643.09
X	ELECTRICAL WORKS	\$ 3,120.48	\$ 2,998.25
XI	SANITATION WORKS	\$ 6,410.84	\$ 3,934.14
XII	PAINTING WORKS	\$ 1,365.23	\$ 1,401.38
XIII	FURNITURE	\$ 3,767.20	\$ 3,002.20
C	CONSTRUCTION COST (A+B)	\$ 136,296.47	\$ 113,486.01
D	CONTRACTOR FEE (10% x C)	\$ 13,629.65	\$ 11,348.60
E	Over head	\$ 3,300.00	\$ 5,859.00
F	Taxa (2% x (C+D+E))	\$ 3,064.52	\$ 2,613.87
G	CONTIGENCY (10% x C)	\$ 13,629.65	\$ 11,348.60
H	GRAND TOTAL (C + D + E + F + G)	\$ 169,920.29	\$ 144,656.09

Verified by:

Eng. Madelino Deonizio J. Magno
Civil Engineer of ADN, I.P.

Eng. Angelica da Costa
Mechanical & Electrical Engineer of ADN, I.P.

Checked By:

Eng. Johannes Hornay
Chefe Dep. EPMEETICJM- ADN, I.P.

Certified By:

Arch. Jose Fernando Liu Soares
Coordenador UAP- ADN, I.P.

13/5/28



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 26 de Maio de 2025

Ref : 0809 /ADN, I.P./V/2025

Hato' o ba : **Sra. dr. Adelia Maria Moniz Barreto, MPH**
Diretora Geral Unidade de Gestão de Projetos da Saude – MS

Asunto : **Rezultado Verifikasiasaun – Terms of Reference (ToR) Consultancy Services for the Detail Engineering Design (DED) of New Construction for the Ministry of Health Services Building in Caicoli Dili**

Ho Respeito,

Bazeia ba karta pedido verifikasiasaun ho no ref. 279/MS-DGUGPS/ADN,I.P/IV/2025 ho data 23 de Abril de 2025, ba asuntu ne'ebe mensiona iha leten, ekipa verifikasiasaun Unidade Avaliação dos Projetos – ADN, I.P. hala'o ona verifikasiasaun ba dokumentus refere. Ho nune bele hare rezultado verifikasiasaun iha (*aneksu*).

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

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

 
Bebik-Hum, Foto



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

NOTA DE DESPAICHO

1. ORIGEM DO DOCUMENTO

N Ref; 1323/ CG-GMPIE/ VIII/2025

Data do Documento : 19 /08 /2025

Proveniência do Documento

CG-GMPIE

2. DETALHES DO DOCUMENTO

Data Entrada do Documento: 19/ 8 /2025

Enviado ao:

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

Assunto:

Encaminha Despacho Ministro MPIE kona-ba karta ho Ref. 465/ MS VIII/ 2025, data 14 de Agosto de 2025 husi sua Excelencia Ministra da Saude Sra. Dr. Élia A. A. dos Reis Amaral. SH ho assunto Apresentação de projetos em reunião do CAFI

3. INSTRUÇÃO DO DIRETOR DO SGP

Data do Despacho: 19 / 8 /2025

Para Sr/a

1. Sr/a Mauricio Borges
2. Sr/a Maria Fonseca
3. Sr/a _____

Despacho:

*Verifique ho Giro assunto no
junta le kota*

Assinatura :


Mauricio Borges



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



Dili, 19 de Agosto de 2025
Nu. Ref : 1323/CG-GMPIE/VIII/2025

Hato' o ba : Diretor Executivo SGP
Senhor Mauricio Borges

Assunto : Encaminha Despacho Ministro MPIE

Ho Respeito,

Konforme assunto iha leten, Gabinete do Ministro encaminha Despacho Ministro kona ba karta ho Ref: 465/MS/VIII/2025, data 14 de Agosto de 2025 husi Sua Excelencia Ministra da Saúde Sra. Dr. Élia A.A. dos Reis Amaral. SH ho assunto Apresentação de projetos em reunião do CAFI. Despacho Ministro hakerek iha kraik no anexo iha kotuk.

Despacho Ministro : Para, SGP – MPIE

Agendar

Data Despacho : 08.IX.2025

Ba atensaun no kolabarausaun lahaluha hato' o obrigado wain.

Hau nia melhores Cumprimentos


Tomás de Fatima da Silva
Chefe Gabinete do Ministro-MPIE



MINISTÉRIO DA SAÚDE

Gabinete da Ministra

SGP

Agenda:

DS

08.09.2025

Ref.: 465 /MS/VIII/2025

Díli, 14 de agosto de 2025

Para: Sua Excelência, Ministro do Planeamento e Investimento Estratégico e Presidente do Conselho de Administração do Fundo das Infraestruturas

Senhor Eng.^º Gastão Francisco de Sousa

C/C: Diretora da Unidade de Gestão de Projetos da Saúde

dr. Adélia Maria Moniz Barreto, MPH

Assunto: Apresentação de projetos em reunião do CAFI

Excelência,

O Programa do IX Governo Constitucional, para a área da saúde, pretende garantir que todos os sucos, com uma população entre 1.500 e 2.000 pessoas, sobretudo localizados em áreas remotas, tenham acesso a um Posto de Saúde com um pacote abrangente de serviços, bem como assegurar que os Centros de Saúde Comunitários, nos postos administrativos, garantem o atendimento, entre 5.000 e 15.000 pessoas, e têm a capacidade de gerir cerca de 4 Postos de Saúde das respetivas áreas geográficas.

No cumprimento deste desígnio, junto envio projetos relativos à execução de:

1. Nova construção do Posto de Saúde e Residência Médica em Sidole, Fahiria, no Município de Aileu;
2. Nova construção do Posto de Saúde e Residência Médica em Mau-Ururia, Hololau, no Município de Aileu
3. Nova construção do Posto de Saúde e Residência Médica em Faturasa, Remexio, no Município de Aileu;
4. Nova Construção do Centro Comunitário de Saúde (CHC), Lebutu, Lapat, no Município de Ermera;

GABINETE DO	
Ministro do Planeamento e	
Investimento Estratégico	
RECIDIDO	
DIA	15/08/2025
POR	Inocencia 1971

Rua Palácio das Cinz.
Caicoli postal 374
Díli, Timor-Leste

5. Nova Construção de três residências médicas em Gleno, no Município de Ermera.

A realização destes projetos evidencia o forte compromisso deste executivo para cumprir os objetivos estabelecidos no Programa do IX Governo Constitucional de assegurar o acesso e a prestação de cuidados de saúde à população, em especial, em áreas remotas.

Neste contexto, solicito a Vossa Excelência, senhor Ministro do Planeamento e Investimento Estratégico e Presidente do Conselho de Administração do Fundo das Infraestruturas, o agendamento da apresentação dos projetos em reunião do Conselho de Administração do Fundo das Infraestruturas.

Sem mais de momento e esperando corresponder às melhores expetativas de Vossa Excelência, senhor Ministro, apresento os melhores cumprimentos.





AGENCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : SIDOLE,FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

SUMMARY

No	WORK DESCRIPTION	PROPOSED BY OWNER AMOUNT (\$)	VERIFIED BY ADN AMOUNT (USD)
A	BUILDING A HEALTH POST	\$ 164,906.76	\$ 164,146.07
I	PREPARATION WORKS	\$ 4,655.91	\$ 7,275.86
II	DEMOLISH WORK	\$ 750.00	\$ 1,000.00
III	FOUNDATION WORKS	\$ 10,973.59	\$ 6,336.07
IV	CONCRETE WORKS	\$ 24,797.82	\$ 22,412.19
V	WALL INSSTALLATION AND PLESTERING	\$ 20,267.34	\$ 23,053.18
VI	CARPENTRY WORKS	\$ 10,054.00	\$ 11,361.17
VII	ROOFING WORKS	\$ 24,446.04	\$ 27,484.70
VIII	CEILING WORKS	\$ 14,084.90	\$ 17,291.08
IX	FLOOR TILE WORKS	\$ 7,912.45	\$ 6,544.29
X	ELECTRICAL WORKS	\$ 13,002.83	\$ 7,677.51
XI	SANITATION WORKS	\$ 8,056.28	\$ 7,820.03
XII	PAINTING WORKS	\$ 3,805.71	\$ 3,943.19
XIII	LANDCAPING WORKS	\$ 1,516.22	\$ 1,396.75
XIV	TOWER WORKS	\$ 5,378.42	\$ 5,469.81
XV	FURNITURE	\$ 14,955.25	\$ 14,830.25
XVI	FINAL CLEARING	\$ 250.00	\$ 250.00
B	BUILDING B DOCTOR HOUSE	\$ 65,171.30	\$ 57,911.37
I	PREPARATION WORKS	\$ 1,243.31	\$ 1,196.93
II	FOUNDATION WORKS	\$ 3,702.23	\$ 2,252.17
III	CONCRETE WORKS	\$ 12,372.42	\$ 10,592.80
IV	WALL INSSTALLATION AND PLESTERING	\$ 9,137.17	\$ 8,300.14
V	STAIRS WORKS	\$ 1,268.83	\$ 695.39
VI	CARPENTRY WORKS	\$ 6,040.00	\$ 3,770.33
VII	ROOFING WORKS	\$ 9,925.14	\$ 12,108.10
VIII	CEILING WORKS	\$ 4,029.86	\$ 3,236.47
IX	FLOOR TILE WORKS	\$ 1,925.77	\$ 2,784.41
X	ELECTRICAL WORKS	\$ 3,245.86	\$ 3,242.66
XI	SANITATION WORKS	\$ 7,170.97	\$ 4,574.00
XII	PAINTING WORKS	\$ 1,334.05	\$ 1,382.26
XIII	FURNITURE	\$ 3,775.70	\$ 3,775.70
C	BUILDING C DOCTOR HOUSE	\$ 65,171.30	\$ 57,911.37
I	PREPARATION WORKS	\$ 1,243.31	\$ 1,196.93
II	FOUNDATION WORKS	\$ 3,702.23	\$ 2,252.17
III	CONCRETE WORKS	\$ 12,372.42	\$ 10,592.80
IV	WALL INSSTALLATION AND PLESTERING	\$ 9,137.17	\$ 8,300.14
V	STAIRS WORKS	\$ 1,268.83	\$ 695.39

<u>SUMMARY</u>			
No	WORK DESCRIPTION	PROPOSED BY OWNER AMOUNT (USD)	VERIFIED BY ADN AMOUNT (USD)
VI	CARPENTRY WORKS	\$ 6,040.00	\$ 3,770.33
VII	ROOFING WORKS	\$ 9,925.14	\$ 12,108.10
VIII	CEILING WORKS	\$ 4,029.86	\$ 3,236.47
IX	FLOOR TILE WORKS	\$ 1,925.77	\$ 2,784.41
X	ELECTRICAL WORKS	\$ 3,245.86	\$ 3,242.66
XI	SANITATION WORKS	\$ 7,170.97	\$ 4,574.00
XII	PAINTING WORKS	\$ 1,334.05	\$ 1,382.26
XIII	FURNITURE	\$ 3,775.70	\$ 3,775.70
D	FENCE WORKS	\$ 57,256.77	\$ 44,295.68
I	EARTH / FONDATION WORKS	\$ 12,859.94	\$ 7,349.95
II	CONCRETE WORKS	\$ 14,312.24	\$ 12,816.51
III	WALL WORKS	\$ 9,347.21	\$ 8,579.14
IV	STEEL WORKS	\$ 10,637.93	\$ 7,331.08
V	NEW PAVING WORK	\$ 6,605.26	\$ 5,086.76
VI	LANDSCAPING WORK	\$ 850.00	\$ 420.00
VII	PAINTING WORKS	\$ 2,644.18	\$ 2,712.24
F	PROVISIONAL SUM FOR WATER SUPPLY		
E	TOTAL (A + B + C + D +E+F)	\$ 352,506.13	\$ 324,264.48
F	CONTRACTOR FEE (10% x E)	\$ 35,250.61	\$ 32,426.45
G	Over head	\$ 6,600.00	\$ 4,150.00
H	CONTIGENCY (10% x E)		\$ 32,426.45
I	Taxa (2% x (E + F + G+H))	\$ 7,887.13	\$ 7,865.35
		\$ 35,250.61	
J	GRAND TOTAL (E + F + G + H + I + J)	\$ 437,494.49	\$ 401,132.73

Verified By :



Eng. Angelica da Costa

Electrical Eng. UAP - ADN, IGHEFE Departamento do EPMETIC. UAP -
ADN.IP



Eng. Oscar M. Gomes

Civil Engineer UAP - ADN.IP

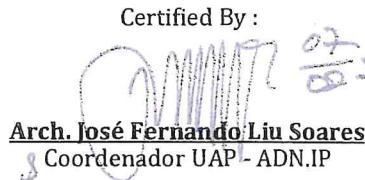
Checked By :



Eng. Johannes Hornay

3/2/25

Certified By :



Arch. José Fernando Liu Soares

Coordenador UAP - ADN.IP





AGENCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH
PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICII
LOCATION :AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

SUMMARY

No	WORK DESCRIPTION	PROPOSED BY OWNER AMOUNT (USD)	VERIFIED BY ADN AMOUNT (USD)
A	BUILDING A HEALTH POST	\$ 166,056.76	\$ 165,634.16
I	PREPARATION WORKS	\$ 5,655.91	\$ 8,308.98
II	FOUNDATION WORKS	\$ 10,973.59	\$ 6,500.96
III	CONCRETE WORKS	\$ 24,797.82	\$ 23,164.02
IV	WALL INSSTALLATION AND PLESTERING	\$ 20,267.33	\$ 23,340.83
V	CARPENTRY WORKS	\$ 10,054.00	\$ 11,361.17
VI	ROOFING WORKS	\$ 24,446.04	\$ 27,484.70
VII	CEILING WORKS	\$ 14,084.90	\$ 17,291.08
VIII	FLOOR TILE WORKS	\$ 7,912.45	\$ 6,597.70
IX	ELECTRICAL WORKS	\$ 13,002.83	\$ 7,677.51
X	SANITATION WORKS	\$ 8,056.28	\$ 7,876.20
XI	PAINTING WORKS	\$ 3,805.71	\$ 3,870.21
XII	LANDCAPING WORKS	\$ 1,516.22	\$ 1,511.17
XIII	TOWER WORKS	\$ 6,278.42	\$ 5,569.38
XIV	FURNITURE	\$ 14,955.25	\$ 14,830.25
XV	FINAL CLEARING	\$ 250.00	\$ 250.00
B	BUILDING B DOCTOR HOUSE	\$ 65,171.30	\$ 59,327.71
I	PREPARATION WORKS	\$ 1,243.31	\$ 1,196.93
II	FOUNDATION WORKS	\$ 3,702.23	\$ 2,303.70
III	CONCRETE WORKS	\$ 12,372.42	\$ 11,159.00
IV	WALL INSSTALLATION AND PLESTERING	\$ 9,137.17	\$ 8,403.82
V	STAIRS WORKS	\$ 1,268.83	\$ 716.00
VI	CARPENTRY WORKS	\$ 6,040.00	\$ 4,370.33
VII	ROOFING WORKS	\$ 9,925.14	\$ 12,108.10
VIII	CEILING WORKS	\$ 4,029.86	\$ 3,236.47
IX	FLOOR TILE WORKS	\$ 1,925.77	\$ 2,802.56
X	ELECTRICAL WORKS	\$ 3,245.86	\$ 3,242.66
XI	SANITATION WORKS	\$ 7,170.97	\$ 4,630.17
XII	PAINTING WORKS	\$ 1,334.05	\$ 1,382.26
XIII	FURNITURE	\$ 3,775.70	\$ 3,775.70
C	BUILDING C DOCTOR HOUSE	\$ 65,171.30	\$ 59,327.71
I	PREPARATION WORKS	\$ 1,243.31	\$ 1,196.93
II	FOUNDATION WORKS	\$ 3,702.23	\$ 2,303.70
III	CONCRETE WORKS	\$ 12,372.42	\$ 11,159.00
IV	WALL INSSTALLATION AND PLESTERING	\$ 9,137.17	\$ 8,403.82
V	STAIRS WORKS	\$ 1,268.83	\$ 716.00
VI	CARPENTRY WORKS	\$ 6,040.00	\$ 4,370.33



AGENCIA DE DESENVOLVIMENTO NACIONAL - I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICII

LOCATION :AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

SUMMARY

No	WORK DESCRIPTION	PROPOSED BY OWNER AMOUNT	VERIFIED BY ADN AMOUNT (USD)
VII	ROOFING WORKS	\$ 9,925.14	\$ 12,108.10
VIII	CEILING WORKS	\$ 4,029.86	\$ 3,236.47
IX	FLOOR TILE WORKS	\$ 1,925.77	\$ 2,802.56
X	ELECTRICAL WORKS	\$ 3,245.86	\$ 3,242.66
XI	SANITATION WORKS	\$ 7,170.97	\$ 4,630.17
XII	PAINTING WORKS	\$ 1,334.05	\$ 1,382.26
XIII	FURNITURE	\$ 3,775.70	\$ 3,775.70
D	FENCE WORKS	\$ 67,258.78	\$ 45,758.79
I	CUT AND FILL WORK	\$ 418.20	\$ 268.16
II	EARTH / FONDATION WORKS	\$ 14,709.92	\$ 8,625.03
III	CONCRETE WORKS	\$ 14,385.95	\$ 13,428.21
IV	WALL WORKS	\$ 9,927.00	\$ 9,226.85
V	STEEL WORKS	\$ 12,602.62	\$ 8,700.33
VI	NEW PAVING WORK	\$ 11,605.76	\$ 2,258.68
VII	LANDSCAPING WORK	\$ 850.00	\$ 420.00
VIII	PAINTING WORKS	\$ 2,759.34	\$ 2,831.53
E	TOTAL (A + B + C + D)	\$ 363,658.14	\$ 330,048.36
F	CONTRACTOR FEE (10% x E)	\$ 36,365.81	\$ 33,004.84
G	Over head	\$ 6,600.00	\$ 4,150.00
H	CONTIGENCY (10% x E)		\$ 33,004.84
I	Taxa (2% x (E + F + G+H))	\$ 8,132.48	\$ 8,004.16
J	CONTIGENCY (10% x E)	\$ 36,365.81	
K	GRAND TOTAL (E + F + G + H + I + J)	\$ 451,122.24	\$ 408,212.19

Verified By :

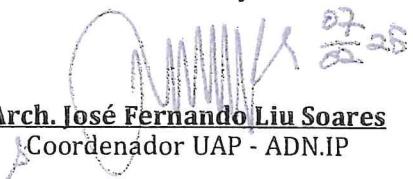

Eng. Oscar M. Gomes
Civil Engineer UAP - ADN.I.P

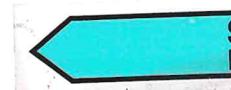

Eng. Angelica da Costa
Electrical Eng. UAP - ADN.IP

Checked By :


Eng. Johanes Hornay
Chefe Departamento do
EPMETIC. UAP - ADN.IP

Certified By :


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





AGENCIAS DE DESARROLLO NACIONAL I P

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

SUMMARY

No	WORK DESCRIPTION	PROPOSED BY OWNER AMOUNT (USD)	VERIFIED BY ADN AMOUNT (USD)
A	BUILDING A HEALTH POST	\$ 166,156.76	\$ 167,159.80
I	PREPARATION WORKS	\$ 6,155.91	\$ 8,808.98
II	DEMOLISH WORK	\$ 500.00	\$ 500.00
III	FOUNDATION WORKS	\$ 10,973.59	\$ 6,500.96
IV	CONCRETE WORKS	\$ 24,797.82	\$ 23,164.02
V	WALL INSSTALLATION AND PLESTERING	\$ 20,267.34	\$ 23,866.47
VI	CARPENTRY WORKS	\$ 10,054.00	\$ 11,361.17
VII	ROOFING WORKS	\$ 24,446.04	\$ 27,484.70
VIII	CEILING WORKS	\$ 14,084.90	\$ 17,291.08
IX	FLOOR TILE WORKS	\$ 7,912.45	\$ 6,597.70
X	ELECTRICAL WORKS	\$ 13,002.83	\$ 7,677.51
XI	SANITATION WORKS	\$ 8,056.28	\$ 7,876.20
XII	PAINTING WORKS	\$ 3,735.27	\$ 3,870.21
XIII	LANDCAPING WORKS	\$ 1,516.22	\$ 1,511.17
XIV	TOWER WORKS	\$ 5,378.42	\$ 5,569.38
XV	FURNITURE	\$ 14,955.25	\$ 14,830.25
XVI	FINAL CLEARING	\$ 250.00	\$ 250.00
B	BUILDING B DOCTOR HOUSE	\$ 65,171.30	\$ 59,077.71
I	PREPARATION WORKS	\$ 1,243.31	\$ 1,196.93
II	FOUNDATION WORKS	\$ 3,702.23	\$ 2,303.70
III	CONCRETE WORKS	\$ 12,372.42	\$ 11,159.00
IV	WALL INSSTALLATION AND PLESTERING	\$ 9,137.17	\$ 8,403.82
V	STAIRS WORKS	\$ 1,268.83	\$ 716.00
VI	CARPENTRY WORKS	\$ 6,040.00	\$ 4,120.33
VII	ROOFING WORKS	\$ 9,925.14	\$ 12,108.10
VIII	CEILING WORKS	\$ 4,029.86	\$ 3,236.47
IX	FLOOR TILE WORKS	\$ 1,925.77	\$ 2,802.56
X	ELECTRICAL WORKS	\$ 3,245.86	\$ 3,242.66
XI	SANITATION WORKS	\$ 7,170.97	\$ 4,630.17
XII	PAINTING WORKS	\$ 1,334.05	\$ 1,382.26
XIII	FURNITURE	\$ 3,775.70	\$ 3,775.70
C	BUILDING C DOCTOR HOUSE	\$ 65,171.30	\$ 59,077.71
I	PREPARATION WORKS	\$ 1,243.31	\$ 1,196.93

SUMMARY

No	WORK DESCRIPTION	PROPOSED BY OWNER AMOUNT	VERIFIED BY ADN AMOUNT (USD)
II	FOUNDATION WORKS	\$ 3,702.23	\$ 2,303.70
III	CONCRETE WORKS	\$ 12,372.42	\$ 11,159.00
IV	WALL INSTALLATION AND PLESTERING	\$ 9,137.17	\$ 8,403.82
V	STAIRS WORKS	\$ 1,268.83	\$ 716.00
VI	CARPENTRY WORKS	\$ 6,040.00	\$ 4,120.33
VII	ROOFING WORKS	\$ 9,925.14	\$ 12,108.10
VIII	CEILING WORKS	\$ 4,029.86	\$ 3,236.47
IX	FLOOR TILE WORKS	\$ 1,925.77	\$ 2,802.56
X	ELECTRICAL WORKS	\$ 3,245.86	\$ 3,242.66
XI	SANITATION WORKS	\$ 7,170.97	\$ 4,630.17
XII	PAINTING WORKS	\$ 1,334.05	\$ 1,382.26
XIII	FURNITURE	\$ 3,775.70	\$ 3,775.70
D	FENCE WORKS	\$ 56,484.58	\$ 44,546.59
I	EARTH / FONDATION WORKS	\$ 12,887.11	\$ 7,561.83
II	CONCRETE WORKS	\$ 14,745.07	\$ 13,705.10
III	WALL WORKS	\$ 9,865.44	\$ 9,169.52
IV	STEEL WORKS	\$ 12,474.97	\$ 8,612.59
V	NEW PAVING WORK	\$ 2,914.88	\$ 2,258.68
VI	LANDSCAPING WORK	\$ 850.00	\$ 420.00
VII	PAINTING WORKS	\$ 2,747.12	\$ 2,818.87
E	TOTAL (A + B + C + D +E)	\$ 352,983.94	\$ 329,861.80
F	CONTRACTOR FEE (10% x E)	\$ 35,298.39	\$ 32,986.18
G	Over head	\$ 6,600.00	\$ 4,150.00
H	CONTIGENCY (10% x E)		\$ 32,986.18
I	Taxa (2% x (E + F + G+H))	\$ 7,897.65	\$ 7,999.68
J	CONTIGENCY (10% x E)	\$ 35,298.39	
K	GRAND TOTAL (E + F + G + H + I +J)	\$ 438,078.37	\$ 407,983.85

Verified By :

Eng. Oscar M. Gomes

Civil Engineer UAP - ADN.I.P

Eng. Angelica da Costa

Electrical Eng. UAP - ADN.I.P

Checked By :

Eng. Johannes Hornay

Chefe Departamento do
EPMÉTIC. UAP - ADN.IP

Certified By :

Arch. José Fernando Liu Soares

Coordenador UAP - ADN.IP





AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

No	Item Description	OVERHEAD PROPOSED BY OWNER				VERIFIED BY ADN			
		UNIT	QUAN TITY	UNIT PRICE	AMOUNT (USD)	UNIT	QUANTIT Y	UNIT PRICE (USD)	AMOUNT (USD)
G	Overhead								
1	Site Engineer	Ls	1.00	\$ 1,500.00	\$ 1,500.00	Ls	1.00	\$ 1,800.00	\$ 1,800.00
2	Progress Report,Photographs and as built drawing	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 300.00	\$ 300.00
3	Security (for 1 person)	Ls	1.00	\$ 1,800.00	\$ 1,800.00	Ls	1.00	\$ 900.00	\$ 900.00
4	Protective Clothing and firs aid equipment	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
5	Water supply for works	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 250.00	\$ 250.00
6	Electrical supply power and lighting	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 250.00	\$ 250.00
7	Material sampling and testing	Ls	1.00	\$ 1,650.00	\$ 1,650.00	Ls	1.00	\$ 500.00	\$ 500.00
Total				\$ 6,600.00				\$ 4,150.00	



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION OF COMMUNITY HEALTH CENTRE (CHC)

LOCATION : LEBUTU , LAPAT, MANUSAE, HATULIA -A, ERMERA MUNICIPALITY - TIMOR-LESTE

SUMMARY

NO	WORK DESCRIPTION	PROPOSED BY OWNER	VERIFIED BY ADN
		Total USD	Total USD
1	2	3	3
A	COMMUNITY HEALTH CENTRE (CHC)		
1	PREPARATION WORKS	\$ 11.500,68	\$ 10.899,38
2	FUNDATION WORKS	\$ 18.197,31	\$ 24.091,72
3	CONCRETE WORKS	\$ 66.512,43	\$ 71.607,35
4	WALL WORKS	\$ 72.249,92	\$ 67.535,44
5	DOOR AND WINDOW WORKS (Almunium G & S)	\$ 26.404,00	\$ 32.438,25
6	ROOFING WORKS	\$ 37.616,37	\$ 38.145,33
7	CEILING WORKS	\$ 17.353,99	\$ 20.059,73
8	FLOOR TILE WORKS	\$ 19.274,02	\$ 15.115,71
9	ELECTRICAL WORKS	\$ 23.942,05	\$ 17.468,49
10	MECHANICAL WORKS	\$ 2.070,00	\$ 2.070,00
11	SANITASI WORKS	\$ 12.135,25	\$ 13.013,45
12	PAINTING WORKS	\$ 13.702,94	\$ 14.231,65
13	APRON & DRAINAGE WORKS	\$ 1.938,98	\$ 2.108,28
14	FURNITURE WORKS	\$ 61.149,60	\$ 61.149,60
15	FINAL CLEARING	\$ 250,00	\$ 100,00
B	EXTERNAL WORKS	\$ 15.150,00	\$ 15.150,00
C	TOTAL CONSTRUCTION COST	\$ 399.447,55	\$ 405.184,37
D	Contractor Fee (10%*C)	\$ 39.944,75	\$ 40.518,44
E	OVER HEAD	\$ 4.450,00	\$ 5.850,00
G	Contingency 10%*(C)		\$ 40.518,44
F	TAXA 2%*(C+D+E)	\$ 8.876,85	\$ 9.031,06
G	Contingency 2%*(C)	\$ 39.944,75	
H	T O T A L (C+D+E+F+G)	\$ 492.663,90	\$ 501.102,30

Verified by :


Francisca da Costa Ximenes
Engineering UAP ADN.I.P


Angelica da Costa
Electrical engineering UAP ADN.I.P

Checked by :


Johanes Hornay
Chefe Départamento do EPMEITCM
ADN.I.P

Certified by :


Arch. José Fernando Liu Soares
Coordenador do UAP ADN.I.P





PROJECT OWNER: MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : FAHIRA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
NO	CODE	DESCRIPTION	PROPOSED BY OWNER			VERIFIED BY AND			AMOUNT (USD)	
			UNIT	QUANT ITY	UNIT PRICE (USD)	UNIT	QUANTITY	UNIT PRICE (USD)		
A. HEALTH POST										
I	PREPARATION WORKS				\$ 4,655.91				\$ 7,275.86	
1	Mobilization and Demobilization		Ls	1.00	\$ 2,000.00	Ls	1.00	\$ 2,000.00	\$ 2,000.00	
2	Project sing board		Unit	1.00	\$ 79.26	Unit	1.00	\$ 75.70	\$ 75.70	
3	Site Cleaning and Levelling		sq.m	318.99	\$ 1.40	sq.m	318.99	\$ 1.40	\$ 446.59	
4	Bowplank / frame work		m'	206.97	\$ 7.39	m'	206.97	\$ 9.55	\$ 1,976.53	
5	Site Office 3 m x 3 m		LS	1.00	\$ 250.00	m2	9.00	\$ 115.71	\$ 1,041.39	
6	Material Storage 3 m x 5 m		LS	1.00	\$ 350.00	m2	15.00	\$ 115.71	\$ 1,735.65	
II	DEMOLISH WORK				\$ 750.00				\$ 1,000.00	
1	demolish existing House		unit	75.00	\$ 6.00	unit				
2	Demolish the football field		unit	1.00	\$ 300.00	unit				
3	demolish existing House and fiel					ls	1.00	\$ 1,000.00	\$ 1,000.00	
III	FUNDATION WORKS				\$ 10,973.59				\$ 6,336.07	
1	Excavation Earth Foundation		Cu.m	85.01	\$ 5.14	Cu.m	85.01	\$ 5.14	\$ 436.96	
2	Sand Bedding under foundation Thinkness 50mm		Cu.m	8.39	\$ 8.61	Cu.m	8.39	\$ 8.29	\$ 69.57	
3	Stone Masonry 1 pc : 3 ps		Cu.m	71.69	\$ 140.45	Cu.m	71.69	\$ 75.80	\$ 5,434.19	
4	Back Filling sides of foundation		Cu.m	58.66	\$ 1.70	Cu.m	58.66	\$ 1.70	\$ 99.72	
5	Compacted Foundation Fill		Cu.m	70.39	\$ 4.20	Cu.m	70.39	\$ 4.20	\$ 295.63	
IV	CONCRETE WORKS				\$ 24,797.82				\$ 22,412.19	
1	FOOTING FONDATION									
1.1	Reinforced concrete of Foundation 24 Mpa(D12mm x Ø10mm)									
-	Concreate FC = 24 Mpa		Cu.m	1.81	\$ 169.49	Cu.m	1.81	\$ 141.92	\$ 257.24	
-	Reinforcement Steel		Kg	306.24	\$ 1.45	Kg	306.24	\$ 1.66	\$ 508.05	
-	FormWork		sq.m	14.50	\$ 18.03	sq.m	14.50	\$ 17.54	\$ 254.33	
2	GROUND BEAM B1 30/20									
2.1	Reinforced concrete of Sloof 300mm x 200mm sloof, 24 Mpa(D12mm x Ø8mm)									
-	Concreate FC = 24 Mpa		Cu.m	7.94	\$ 169.49	Cu.m	7.94	\$ 141.92	\$ 1,126.56	
-	Reinforcement Steel		Kg	1012.10	\$ 1.45	Kg	1012.10	\$ 1.66	\$ 1,679.07	
-	FormWork		sq.m	79.38	\$ 26.78	sq.m	79.38	\$ 28.84	\$ 2,289.32	
3	GROUND BEAM B2 30/15									
3.1	Reinforced concrete of Sloof 300mm x 150mm sloof, 24 Mpa(Ø12mm x Ø8mm)									
-	Concreate FC = 24 Mpa		Cu.m	1.02	\$ 169.49	Cu.m	1.02	\$ 141.92	\$ 145.29	
-	Reinforcement Steel		Kg	104.07	\$ 1.45	Kg	104.07	\$ 1.66	\$ 172.66	
-	FormWork		sq.m	13.65	\$ 26.78	sq.m	13.65	\$ 28.84	\$ 393.67	
4	TOP BEAM B3 20/20									
4.1	Reinforced concrete of Sloof 250mm x 200mm sloof, 24 Mpa(Ø12mm x Ø8mm)									
-	Concreate FC = 24 Mpa		Cu.m	5.29	\$ 169.49	Cu.m	5.29	\$ 141.92	\$ 751.04	
-	Reinforcement Steel		Kg	744.41	\$ 1.45	Kg	744.41	\$ 1.66	\$ 1,234.97	
-	FormWork		sq.m	52.92	\$ 44.97	sq.m	52.92	\$ 28.84	\$ 1,526.21	
5	TOP BEAM B4 20/15									
5.1	Reinforced concrete of Sloof 250mm x 200mm sloof, 24 Mpa(Ø12mm x Ø8mm)									
-	Concreate FC = 24 Mpa		Cu.m	0.85	\$ 169.49	Cu.m	0.85	\$ 141.92	\$ 121.08	
-	Reinforcement Steel		Kg	122.02	\$ 1.45	Kg	122.02	\$ 1.66	\$ 202.42	
-	FormWork		sq.m	9.10	\$ 44.97	sq.m	9.10	\$ 28.84	\$ 262.44	
6	COLUMN C1 20/20									
6.1	Reinforced concrete of Sloof 150mm x 150mm sloof, 24 Mpa(Ø12mm x Ø10mm)									
-	Concreate FC = 24 Mpa		Cu.m	4.89	\$ 169.49	Cu.m	4.89	\$ 141.92	\$ 694.56	
-	Reinforcement Steel		Kg	871.55	\$ 1.45	Kg	871.55	\$ 1.66	\$ 1,445.90	
-	FormWork		sq.m	97.88	\$ 36.59	sq.m	97.88	\$ 28.84	\$ 2,822.88	
7	COLUMN C2 15/15									
7.1	Reinforced concrete of Sloof 150mm x 150mm sloof, 24 Mpa(Ø12mm x Ø10mm)									
-	Concreate FC = 24 Mpa		Cu.m	0.86	\$ 169.49	Cu.m	0.86	\$ 141.92	\$ 121.98	
-	Reinforcement Steel		Kg	184.76	\$ 1.45	Kg	184.76	\$ 1.66	\$ 306.52	
-	FormWork		sq.m	22.92	\$ 36.59	sq.m	22.92	\$ 28.84	\$ 661.01	
8	LINTLE BEAM FOR TOP ROOFING 10/10									
8.1	Reinforced concrete of Sloof 100mm x 100mm sloof, 24 Mpa(Ø12mm x Ø10mm)									
-	Concreate FC = 24 Mpa		Cu.m	0.42	\$ 169.49	Cu.m	0.42	\$ 141.92	\$ 59.40	

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION								
NO	CODE	DESCRIPTION	PROPOSED BY OWNER			VERIFIED BY AND		
			UNIT	QUANT ITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY
A. HEALTH POST								
-	Reinforcement Steel	Kg	95.46	\$ 1.45	\$ 138.13	Kg	95.46	\$ 1.66 \$ 158.37
-	FormWork	sq.m	3.55	\$ 36.59	\$ 129.72	sq.m	3.55	\$ 28.84 \$ 102.24
9	CONCRETE ROOFING PLATE for ENSINERATOR							
9.1	Install 1Pc : 2Sd ; 3 Ag reinforced concrete Plate, 14.5 Mpa	Cu.m	0.19	\$ 161.16	\$ 31.19	Cu.m	0.19	\$ 131.10 \$ 25.37
10	Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	198.92	\$ 3.50	\$ 696.21	sq.m	198.92	\$ 1.40 \$ 278.48
11	Wiremesh under floor Ø 8 - N 150 mm	Kg	1099.94	\$ 1.45	\$ 1,591.62	Kg	1099.94	\$ 1.66 \$ 1,824.81
12	Concrete Floor , 24 Mpa	Cu.m	18.73	\$ 169.49	\$ 3,174.83	Cu.m	18.73	\$ 141.92 \$ 2,658.39
13	Ramp for Acces Disability	Cu.m	0.60	\$ 533.38	\$ 320.03	Cu.m	0.60	\$ 546.55 \$ 327.93
V	WALL INSTALLATION AND PLESTERING				\$ 20,267.34			\$ 23,053.18
1	Wall concrete block (39x19x19), 1Pc : 4 ps grade A1 & all necessary works	Sq.m	396.08	\$ 25.50	\$ 10,099.99	Sq.m	396.08	\$ 37.12 \$ 14,702.42
2	Wall concrete block (40 x10 x 20), 1PC : 4Ps Grade A1 & all necessary	sq.m	48.18	\$ 41.55	\$ 2,001.88	sq.m	48.18	\$ 13.82 \$ 656.21
3	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	888.52	\$ 5.98	\$ 5,313.33	Sq.m	888.52	\$ 5.36 \$ 4,762.45
	Finishing with cement mortar	Sq.m	888.52	\$ 3.21	\$ 2,852.14	Sq.m	888.52	\$ 3.30 \$ 2,932.11
VI	DOORS & WINDOWS WORKS				\$ 10,054.00			\$ 11,361.17
1	Supply and Installation of Glass Door Type D01,2400mm x 1680mm including all accessories & finishing/Pintu Panel Aluminium	Each	1	\$ 650.00	\$ 650.00	Each	1.00	\$ 601.20 \$ 601.20
2	Supply and installation of Door Type D02 2400mm x 1000mm', including all accessories & finishing	Each	8	\$ 385.00	\$ 3,080.00	Each	8.00	\$ 370.00 \$ 2,960.00
3	Supply and installation Sliding Door Type D03 2000mm x700mm', including all accessories & finishing	Each	4	\$ 225.00	\$ 900.00	Each	4.00	\$ 268.00 \$ 1,072.00
4	Supply and installation Sliding Door Type D03 2000mm x1000mm', including all accessories & finishing	Each	1	\$ 325.00	\$ 325.00	Each	1.00	\$ 336.00 \$ 336.00
5	Window frame Type W01 1800mm x 600mm including all assessories,	Each	2	\$ 186.00	\$ 372.00	Each	2.00	\$ 176.60 \$ 353.20
6	Window frame Type W02 1210mm x 1800mm including all assessories,	Each	15	\$ 256.00	\$ 3,840.00	Each	15.00	\$ 335.81 \$ 5,037.15
7	Window frame with Loket Type W 1210mm x 1800mm including all assessories,	Each	2	\$ 256.00	\$ 512.00	Each	2.00	\$ 335.81 \$ 671.62
8	Supply & install Glasses Ventilation 800 x 500	Each	5	\$ 75.00	\$ 375.00	Each	5.00	\$ 66.00 \$ 330.00
VII	ROOFING WORKS				\$ 24,446.04			\$ 27,484.70
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	2849.12	\$ 2.78	\$ 7,920.56	kg	2849.12	\$ 3.73 \$ 10,627.22
2	Supply & Install Steel Purlin Rondo 45 x 35 x 0.75 mm	kg	1886.69	\$ 2.78	\$ 5,244.98	kg	1886.69	\$ 3.73 \$ 7,037.34
3	Supply & Install Roof Mesh	sq.m	300.85	\$ 4.05	\$ 1,218.29	sq.m	300.85	\$ 3.89 \$ 1,170.58
4	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	300.85	\$ 5.04	\$ 1,514.88	Sq.m	300.85	\$ 2.92 \$ 877.83
5	G550 AZ 150, 0.42 BM1 X 940 MM Tickness (MM) 0.42 BM1 Colorbond and Zincalum steel including all	Sq.m	300.85	\$ 18.24	\$ 5,487.50	Sq.m	300.85	\$ 18.46 \$ 5,553.69
6	Supply & install HD Plate 6mm	Unit	34.00	\$ 18.00	\$ 612.00	Unit	34.00	\$ 8.66 \$ 294.53
7	Supply & install Ridge Caping 0.42 mm	M'	21.40	\$ 14.31	\$ 306.23	M'	21.40	\$ 14.26 \$ 305.16
8	Supply and Installation of lisplank around the roof 200 x 30	M'	90.00	\$ 18.24	\$ 1,641.60	M'	90.00	\$ 14.26 \$ 1,283.40
9	Supply and Installation Roof Ventilator Edmonds Hurricane H400 turbine rotary roof ventilator, complete with proprietary base including all flashing, anti-corrosion, low moisture transmission coating to contact surface as specified	Unit	2.00	\$ 250.00	\$ 500.00	Unit	2.00	\$ 167.48 \$ 334.95
VIII	CEILING WORKS				\$ 14,084.90			\$ 17,291.08
1	Supply & Install Steel Ceiling Joist Channel C 75 x35x 1 mm	kg	1616.54	\$ 2.78	\$ 4,493.98	kg	1616.54	\$ 3.73 \$ 6,029.70
2	Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.75 mm	kg	1899.11	\$ 2.78	\$ 5,279.51	kg	1899.11	\$ 3.73 \$ 7,083.67
3	Supply & Install Ceiling Calciboard 6 mm	sq.m	257.08	\$ 13.34	\$ 3,429.40	sq.m	257.08	\$ 12.82 \$ 3,295.72
4	Supply & Install Ceiling cornice 5 cm	M'	245.00	\$ 3.60	\$ 882.00	M'	245.00	\$ 3.60 \$ 882.00
IX	FLOOR TILE WORKS				\$ 7,912.45			\$ 6,544.29
1	Supply & install tile 600x600 mm (White Colors) similliar approval by Engineer	Sq.m	177.62	\$ 31.88	\$ 5,662.60	Sq.m	177.62	\$ 24.79 \$ 4,403.26
2	Supply & install Rough Floor Tiles 400 x 400 mm, of colour Grey tile antislip for toilet, similliar approval by Engineer	Sq.m	9.69	\$ 21.04	\$ 203.96	Sq.m	9.69	\$ 22.63 \$ 219.37
3	Supply & install Tile wall 400 x 400mm, of colour Grey tile wall 2 M for toilet, similliar approval by Engineer	Sq.m	60.68	\$ 22.89	\$ 1,388.89	Sq.m	60.68	\$ 24.73 \$ 1,500.53
4	Supply & install Tile Plint 10x60 cm	M'	133.27	\$ 4.93	\$ 657.00	M'	133.27	\$ 3.16 \$ 421.12
X	ELECTRICAL WORKS				\$ 13,002.83			\$ 7,677.51
1	Supply & install Distribution Panel board + all accessories (Inc.Fee 3 Phase Connect to EDTL)12 Group	Ls	1.00	\$ 750.00	\$ 750.00	Ls	1.00	\$ 423.71 \$ 423.71
2	Supply & install Excaus Fan Panasonic + all accessories	Unit	5.00	\$ 55.00	\$ 275.00	Unit	5.00	\$ 42.18 \$ 210.90
3	Supply & install Ceiling Fan panasonic 75 watt + all accessories	Unit	9.00	\$ 85.00	\$ 765.00	Unit	9.00	\$ 81.03 \$ 729.27
4	Supply & install Ac 1 PK Merk Ponasonic + all accessories	Unit	3.00	\$ 350.00	\$ 1,050.00	Unit	3.00	\$ 567.28 \$ 1,701.84
5	Supply & install Lighting Phillips Downlight 24 watt	Unit	33.00	\$ 21.88	\$ 722.04	Unit	33.00	\$ 18.55 \$ 612.15
6	Supply & install Lighting F1 TL 2x36 Watt	Unit	15.00	\$ 52.00	\$ 780.00	Unit	15.00	\$ 63.18 \$ 947.70
7	Supply & install power outlet + all Accessories	Unit	34.00	\$ 8.50	\$ 289.00	Unit	34.00	\$ 8.82 \$ 300.02



PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION

NO	CODE	DESCRIPTION	UNIT	PROPOSED BY OWNER			VERIFIED BY AND		
				QUANT ITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)
A. HEALTH POST									
	8	Supply & install Cable 3x2,5mm SNI Standard + all Accessories	m'	261.72	\$ 4.30	\$ 1,125.38	m'	261.72	\$ 3.71
	9	Supply & install Cable 3x1,5mm SNI Standard + all Accessories	m'	169.98	\$ 4.30	\$ 730.91	m'	169.98	\$ 3.71
	10	Supply & install Cable SR 2x25mm SNI Standard + all Accessories	m'	75.00	\$ 75.00	\$ 5,625.00	m'	75.00	\$ 5.45
	11	Supply & install double switch + all Accessories	Unit	4.00	\$ 7.50	\$ 30.00	Unit	4.00	\$ 6.46
	12	Supply & install single switch + all Accessories	Unit	15.00	\$ 6.50	\$ 97.50	Unit	15.00	\$ 5.94
	14	Supply & install power outlet AC + all Accessories	Unit	3.00	\$ 8.50	\$ 25.50	Unit	3.00	\$ 8.82
	16	Supply & install Grounding Rod (Penangkal Petir)							\$ -
	16.1	kabel Arde BC 70 Single KURN'	m'	20.00	8.50	\$ 170.00	m'	20.00	\$ 7.00
	16.2	Busbar	Unit	1.00	25.00	\$ 25.00	Unit	1.00	\$ 25.00
	16.3	Besi Tembaga For Grounding /Stick Ground Original	m'	5.00	22.50	\$ 112.50	m'	5.00	\$ 22.50
	16.4	Pipa PVC 1 1/4"	m'	12.00	10.00	\$ 120.00	m'	12.00	\$ 1.06
	16.5	titik pengeboran	m'	2.00	30.00	\$ 60.00	m'	2.00	\$ 30.00
	16.6	Tiang Penangkal 2"	m'	2.00	50.00	\$ 100.00	m'	2.00	\$ 50.00
	16.7	Instalasi dan test pemburian dengan batas maximum 0,5 Ohm	Ls	1.00	150.00	\$ 150.00	Ls	1.00	\$ 150.00
XI SANITASI WORKS									
	1	Supply & install Water Closet merk TOTO+ all Accessories	Unit	5.00	\$ 242.71	\$ 1,213.55	Unit	5.00	\$ 242.71
	2	Supply & install Hand Basin merk TOTO + all accessories	Unit	6.00	\$ 167.46	\$ 1,004.76	Unit	6.00	\$ 167.46
	3	Supply & install Zink + all accessories	Unit	1.00	\$ 40.31	\$ 40.31	Unit	1.00	\$ 40.31
	4	Supply & install Hose Cook (inc.Valve and Accessories)	Unit	5.00	\$ 26.46	\$ 132.30	Unit	5.00	\$ 26.46
	5	Supply & install fiber Water Box	Unit	5.00	\$ 185.97	\$ 929.85	Unit	5.00	\$ 185.97
	6	Supply & install Toilet Roll Holder	Unit	5.00	\$ 10.80	\$ 54.00	Unit	5.00	\$ 10.80
	7	Supply & install Toilet Floor drain	Unit	5.00	\$ 5.41	\$ 27.05	Unit	5.00	\$ 5.41
	8	Supply & install Steel Holder for Dissability/ Pegangan toilet	Unit	3.00	\$ 25.88	\$ 77.64	Unit	3.00	\$ 25.88
I. Septiktank Works									
	1	Excavation Earth Foundation	Cu.m	25.32	\$ 5.14	\$ 130.14	Cu.m	25.32	\$ 5.14
	2	Sand Bedding	Cu.m	1.37	\$ 8.61	\$ 11.79	Cu.m	1.37	\$ 8.29
	3	Back Filling	Cu.m	6.50	\$ 1.70	\$ 11.05	Cu.m	6.50	\$ 1.70
	4	Anstamping	Cu.m	1.71	\$ 80.12	\$ 137.11	Cu.m	1.71	\$ 25.19
	5	Compacted Fill	Cu.m	7.80	\$ 4.20	\$ 32.76	Cu.m	7.80	\$ 4.20
	5	Concrete for Box Control 14.5 Mpa	Cu.m	0.30	\$ 161.16	\$ 48.35	Cu.m	0.30	\$ 131.10
	6	Reinforced concrete plat cover for Seplick , 14.5 Mpa							\$ 39.33
	6.1	Concreate FC = 14.5 Mpa	Cu.m	1.84	\$ 161.16	\$ 295.73	Cu.m	1.84	\$ 131.10
	6.2	Reinforcement Steel	Kg	117.72	\$ 1.45	\$ 170.33	Kg	117.72	\$ 1.66
	6.3	FormWork	sq.m	8.60	\$ 80.00	\$ 688.20	sq.m	8.60	\$ 46.27
	7	COLOMN 15/15							
	Install IPC : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 24 Mpa (Ø10mm x Ø12mm)								
	7.1	Concrete FC = 14.5 Mpa	Cu.m	0.34	\$ 161.16	\$ 54.39	Cu.m	0.34	\$ 131.10
	7.2	Reinforcement Steel	Kg	83.65	\$ 1.45	\$ 121.04	Kg	83.65	\$ 1.66
	7.3	FormWork	sq.m	4.50	\$ 36.59	\$ 164.66	sq.m	4.50	\$ 28.84
	8	Wall for septic 40x20x10 cm	Sq.m	39.39	\$ 15.25	\$ 600.62	Sq.m	39.39	\$ 13.62
	9	Wall plester (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	39.39	\$ 5.98	\$ 235.52	Sq.m	39.39	\$ 5.36
	10	Piping with all accessories	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00
II. PIPING WORKS AND ACCESSORIES									
	1	Supply & install diameter Pipe 1/2 "	M'	177.62	\$ 2.53	\$ 449.38	M'	177.62	\$ 2.11
	2	Supply & install diameter Pipe 1 "	M'	70.48	\$ 2.98	\$ 210.04	M'	70.48	\$ 2.96
	3	Supply & install diameter Pipe 2"	M'	3.60	\$ 5.05	\$ 18.18	M'	3.60	\$ 7.75
	4	Supply & install diameter Pipe 3"	M'	3.28	\$ 9.40	\$ 30.84	M'	3.28	\$ 10.29
	5	Supply & install diameter Pipe 4"	M'	70.01	\$ 12.38	\$ 866.69	M'	70.01	\$ 17.62
	6	Supply & install Valve gate valve and Fittings	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00
XII PAINTING WORKS									
	1	Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penutup)Color coordinate with site engineer for aproval	Sq.m	888.52	\$ 3.34	\$ 2,967.65	Sq.m	888.52	\$ 3.46
	2	Ceiling painting	Sq.m	257.08	\$ 3.26	\$ 838.07	Sq.m	257.08	\$ 3.38
XIII LANDSCAPING WORKS									
	1	Apron Works							
	1.1	Sand Bedding under Floor Thinkness 50mm	Cu.m	3.34	\$ 8.61	\$ 28.77	Cu.m	3.34	\$ 8.29
	1.2	Install 1Pc : 3Sd : 5Ag f*c 14.5 Mpa	Cu.m	6.27	\$ 161.16	\$ 1,009.89	Cu.m	6.27	\$ 131.10
	1.3	Wiremesh Apron floor Ø 8 - N 150 mm	Kg	330.03	\$ 1.45	\$ 477.55	Kg	330.03	\$ 1.66
XIV TOWER WORKS									
	1	Excavation	Cu.m	3.20	\$ 5.14	\$ 16.45	Cu.m	3.20	\$ 5.14
	2	Backfilling	Cu.m	0.96	\$ 1.70	\$ 1.63	Cu.m	0.96	\$ 1.70
	3	Compacted Fill	Cu.m	1.15	\$ 4.20	\$ 4.84	Cu.m	1.15	\$ 4.20

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION

NO	CODE	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
			UNIT	QUANT ITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
A. HEALTH POST										
4	FOOT PLAT									
	Reinforced concrete Footing, 24 Mpa (Ø12mm)									
4.1	Concreate FC = 24 Mpa	Cu.m	0.64	\$ 169.49	\$ 108.47	Cu.m	0.64	\$ 141.92	\$ 90.83	
4.2	Reinforcement Steel	Kg	60.38	\$ 1.45	\$ 87.38	Kg	60.38	\$ 1.66	\$ 100.18	
4.3	FormWork	sq.m	2.56	\$ 18.03	\$ 46.16	sq.m	2.56	\$ 17.54	\$ 44.90	
5	COOLUMN 30/30									
	Reinforced concrete of 300mm x 300mm column, 24 Mpa (Ø10mm x Ø12mm)									
5.1	Concreate FC = 24 Mpa	Cu.m	2.23	\$ 169.49	\$ 377.69	Cu.m	2.23	\$ 141.92	\$ 316.25	
5.2	Reinforcement Steel	Kg	171.18	\$ 1.45	\$ 247.69	Kg	171.18	\$ 1.66	\$ 283.98	
5.3	FormWork	sq.m	29.71	\$ 36.59	\$ 1,087.16	sq.m	29.71	\$ 28.84	\$ 856.89	
6	SLOOF B01 25/25									
	Reinforced concrete of 250mm x 250mm sloof, 24 Mpa (Ø12mm x Ø8mm)									
6.1	Concreate FC = 24 Mpa	Cu.m	0.48	\$ 169.49	\$ 80.51	Cu.m	0.48	\$ 141.92	\$ 67.41	
6.2	Reinforcement Steel	Kg	47.85	\$ 1.45	\$ 69.24	Kg	47.85	\$ 1.66	\$ 79.39	
6.3	FormWork	sq.m	3.80	\$ 26.78	\$ 101.76	sq.m	3.80	\$ 28.84	\$ 109.59	
7	RING BALK B02 20/30									
	Reinforced concrete of 200mm x 300mm sloof, 24 Mpa (Ø12mm x Ø8mm)									
7.1	Concreate FC = 24 Mpa	Cu.m	0.60	\$ 169.49	\$ 101.69	Cu.m	0.60	\$ 141.92	\$ 85.15	
7.2	Reinforcement Steel	Kg	62.97	\$ 1.45	\$ 91.11	Kg	62.97	\$ 1.66	\$ 104.46	
7.3	FormWork	sq.m	5.00	\$ 26.78	\$ 133.90	sq.m	5.00	\$ 28.84	\$ 144.20	
8	CONCRETE PLAT									
8.1	Install 1Pc : 2Sd : 3 Ag reinforced concrete plat, 24 Mpa (Ø10mm N 200 mm)	Cu.m	1.25	\$ 169.49	\$ 211.86	Cu.m	1.25	\$ 141.92	\$ 177.40	
9	Wall concrete block HOLLOW Thickness 20 mm (39 x 19 x 19), TPC : 4 ps grade AT for External inc corefill	sq.m	11.78	\$ 25.50	\$ 300.39	sq.m	11.78	\$ 37.12	\$ 437.27	
10	Wall plesler (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	23.56	\$ 5.98	\$ 140.89	Sq.m	23.56	\$ 5.36	\$ 126.28	
11	Finishing with cement mortar	Sq.m	23.56	\$ 3.21	\$ 75.63	Sq.m	23.56	\$ 3.30	\$ 77.75	
12	Steel Works for Stairs	Kg	28.21	\$ 2.78	\$ 78.42	Kg	28.21	\$ 3.73	\$ 105.22	
13	Painting Works	sq.m	52.35	\$ 3.34	\$ 174.86	sq.m	52.35	\$ 3.46	\$ 181.14	
14	Supply & install Water Tank Profil 3200 ltr merk ROOTO	Unit	1.00	\$ 650.00	\$ 650.00	Unit	1.00	\$ 485.10	\$ 485.10	
15	ROOFING WORKS									
15.1	Supply and install Column Steel Hollow 40 x 80 mm	Kg	5.72	\$ 2.78	\$ 15.90	Kg	5.72	\$ 3.73	\$ 21.34	
15.2	Supply & Install Steel hollow 100 x 100.mm	Kg	13.00	\$ 2.78	\$ 36.14	Kg	13.00	\$ 3.73	\$ 48.49	
15.3	Supply & Install Steel hollow 40 x 80.mm	Kg	32.83	\$ 2.78	\$ 91.28	Kg	32.83	\$ 3.73	\$ 122.47	
15.4	Supply & Install Steel Purlin V 60 x 30 x 95 x 0.53.mm	Kg	34.32	\$ 2.78	\$ 95.41	Kg	34.32	\$ 3.73	\$ 128.01	
15.5	Supply & install Standard roof zincalum Colorbond 0.42 mm	Sq.m	6.29	\$ 18.24	\$ 114.73	Sq.m	6.29	\$ 18.46	\$ 116.11	
15.6	Supply & install Ridge Caping	M'	3.30	\$ 14.31	\$ 47.22	M'	3.30	\$ 14.26	\$ 47.06	
16	Supply & install Water Pump 150W 1 phase + all aaccesories	Unit	1.00	\$ 490.00	\$ 490.00	Unit	1.00	\$ 490.00	\$ 490.00	
17	Supply & install Pipe + all aaccesories from tower tank to HP and DH	LS	1.00	\$ 300.00	\$ 300.00	LS	1.00	\$ 600.00	\$ 600.00	
XV	FURNITURE				\$ 14,955.25					\$ 14,830.25
1	Provide the Provisional for room signage and title of Health Post (signboard)	LS	1.00	\$ 500.00	\$ 500.00	LS	1.00	\$ 500.00	\$ 500.00	
2	Clinic Medical Furniture Provide the provisional sum for Clinic Medical Furniture									
3	Clinic Medical Furniture include :									
3.1	Hospital Bed with back raise mark AOLIKE - ALK06A232P (coordinate with owner for aproval) Specifications Movimentos: Movimento de dorso - ângulo: 0° ~ 70° (±5°) Movimento de joelho - ângulo: 0° ~ 30° (±5°) Dimensões: Cama: C 2130 mm x L 980 mm x H 500 mm Leito : C 1945 mm x L 850 mm Certificações: CE, ISO 13485: 2003, ISSO 9001: 2008	Unit	2.00	\$ 1,500.00	\$ 3,000.00	Unit	2.00	\$ 1,500.00	\$ 3,000.00	
3.2	Examination Bed (MEJA PERIKSA PASIEN LIPAT+FOOTSTEP INDOMED) Specifications Berat meja: 23 kg Bagian kepala panjang 50cm Dimensi meja periksa: 1950x650x830 mm Sudut kemiringan backrest: 0-70 (5)	Unit	2.00	\$ 750.00	\$ 1,500.00	Unit	2.00	\$ 750.00	\$ 1,500.00	



PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : FAHIRA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION								
NO	CODE	DESCRIPTION	PROPOSED BY OWNER			VERIFIED BY AND		
			UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY
A. HEALTH POST								
		Include: Footstep						
		Bahan meja periksa: powder coating steel						
		Bahan matras: Foam dengan cover kulit imitasi (warna biru)						
		Tebal matras: 8 cm						
3.2		Examination and Gynaecology Bed (MEJA GYNECOLOGI Stainless Steel)						
		Specifications						
		Merek : Indomed						
		Bahan : Stainless Steel						
		Bahan Matrass : Spons dilapisi dengan kulit imitasi						
		Dimensi : 210 x 71 x 84 ± 2 cm (PxLxT)						
		FITUR & AKSESORIS						
		Bagian kepala bisa diangkat max 70°						
		Bagian kaki bisa diturunkan max 90°						
3.3		Bedside Cabinet (YA-B06 Hospital ABS Bedside Cabinet)						
		Model: YA-B06						
		Overall Size: 48 x 48 x 76cm						
		Load Capacity: 30kg						
3.3		Instrument Trolley with two shelves (Troli Instrument Meja Instrument Stainless 2 Susun)	Unit	3.00	\$ 86.00	\$ 258.00	Unit	3.00
3.4		Medicine Cabinet (Lemari Obat 2 Pintu)						
		SPESIFIKASI PRODUK :						
		Nama Produk : Lemari Obat 2 Pintu Bahan Besi						
		Fungsi : Menyimpan obat dan perlengkapan medis di klinik, RS atau ruangan medis lainnya						
		Dimensi : 90 x 40 x 170 cm						
		Bahan : plat besi 1 mm finishing epoxy cat oven / powder coating						
		Pintu atas terbagi 2 berbahan kaca ketebalan 5 mm						
		Pintu bagian bawah dari plat						
3.5		Waiting Chair four sheet (coordinate with owner for aproval)						
		Specifications						
		Bench or chairs for waiting room3 places						
		Robust design with ergonomic backrests.						
		Steel structure of black color.						
		Horizontal steel bar that strongly supports the entire structure.						
		Seats and backrest in black die-cut steel.						
3.6		Supply and intall Office table (coordinate with owner for aproval)	Unit	4.00	\$ 195.50	\$ 782.00	Unit	4.00
3.7		Supply and intall Office Chair (coordinate with owner for aproval)	Unit	7.00	\$ 224.25	\$ 1,569.75	Unit	7.00
3.8		Supply and intall Highchair for Laboratory room(coordinate with owner for aproval)	Unit	2.00	\$ 97.75	\$ 195.50	Unit	2.00
3.9		Supply and install Place and flagpole (coordinate with owner for aproval)	Unit	1.00	\$ 250.00	\$ 250.00	Unit	1.00
3.10		Supply and intall Laptop hp CORE i5 + all accessories (coordinate with site engineer for aproval) hp core i5	Unit	1.00	\$ 1,500.00	\$ 1,500.00	Unit	1.00
3.11		Supply and intall Printer HP LaserJet (coordinate with site engineer for aproval)	Unit	1.00	\$ 400.00	\$ 400.00	Unit	1.00
XVI		FINAL CLEARING				\$ 250.00		\$ 250.00
1		Remove and clean all the construction site areas	Ls	1.00	\$ 250.00	\$ 250.00	Ls	1.00
B		CONTRUCTION COST (I+XV)				\$164,906.76		\$164,146.07



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
I	PREPARATION WORKS								
1	Mobilization and Demobilization	N/A		\$	-				
2	Project sing board	N/A		\$	-				
3	Water Supply for Works	N/A		\$	-				
4	Electrical Supply power and lighting	N/A		\$	-				
5	Site Office 4 m x 4 m	N/A		\$	-				
6	Material Storage 3 m x 5 m	N/A		\$	-				
7	Site safety and Protective Clothing	N/A		\$	-				
8	Progress Report and Photographs	N/A		\$	-				
9	Material sampling testing	N/A		\$	-				
10	Site Cleaning and Levelling	N/A		\$	-				
11	Bowplank / frame work	Ln.m	125.33	\$ 9.92	\$ 1,243.31	Ln.m	125.33	\$ 9.55	\$ 1,196.93
	Sub Total			\$	1,243.31				\$ 1,196.93
II	FOUNDATION WORKS								
1	Excavation Earth Foundation	Cu.m	44.85	\$ 5.14	\$ 230.52	Cu.m	44.85	\$ 5.14	\$ 230.52
2	Sand Bedding under foundation Thinkness 50mm inclued Floor	Cu.m	5.72	\$ 8.61	\$ 49.21	Cu.m	5.72	\$ 8.29	\$ 47.38
3	Stone Masonry 1Ps : 3Sd	Cu.m	22.40	\$ 140.45	\$ 3,146.22	Cu.m	22.40	\$ 75.80	\$ 1,696.00
4	Back Filling sides of foundation inclued floor	Cu.m	40.99	\$ 1.70	\$ 69.68	Cu.m	40.99	\$ 1.70	\$ 69.68
5	Compacted Foundation Fill inclued floor	Cu.m	49.19	\$ 4.20	\$ 206.59	Cu.m	49.19	\$ 4.20	\$ 206.59
	Sub Total			\$	3,702.23				\$ 2,252.17
III	CONCRETE WORKS								
1	SLOOF 1 15/20								
1.1	Reinforced concrete of 150mm x 200mm Tie Beam (B1), 24 Mpa (D12mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	1.37	\$ 169.49	\$ 232.52	Cu.m	1.37	\$ 141.92	\$ 194.70
-	Reinforcement Steel	Kg	234.69	\$ 1.45	\$ 339.59	Kg	234.69	\$ 1.66	\$ 389.34
-	FormWork	sq.m	18.29	\$ 18.03	\$ 329.80	sq.m	18.29	\$ 17.54	\$ 320.84
2	SLOOF 2 10/20								
2.1	Reinforced concrete of 100mm x 200mm Tie Beam (B2), 24 Mpa (D12mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	0.33	\$ 169.49	\$ 55.49	Cu.m	0.33	\$ 141.92	\$ 46.46
-	Reinforcement Steel	Kg	79.70	\$ 1.45	\$ 115.33	Kg	79.70	\$ 1.66	\$ 132.22
-	FormWork	sq.m	6.55	\$ 26.78	\$ 175.36	sq.m	6.55	\$ 17.54	\$ 114.85
3	COLUMN I 15/30								
3.1	Reinforced concrete of 150mm x 300mm column (C1), 24 Mpa (D12mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	0.16	\$ 169.49	\$ 27.08	Cu.m	0.16	\$ 141.92	\$ 22.67
-	Reinforcement Steel	Kg	20.09	\$ 1.45	\$ 29.07	Kg	20.09	\$ 1.66	\$ 33.33
-	FormWork	sq.m	4.26	\$ 36.59	\$ 155.87	sq.m	4.26	\$ 28.84	\$ 122.86
4	COLUMN 2 15/20								
4.1	Reinforced concrete of 150mm x 200mm column (C2), 24 Mpa (D12mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	0.21	\$ 169.49	\$ 36.10	Cu.m	0.21	\$ 141.92	\$ 30.23



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
PROPOSED BY OWNER				VERIFIED BY AND					
NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
-	Reinforcement Steel	Kg	36.44	\$ 1.45	\$ 52.72	Kg	36.44	\$ 1.66	\$ 60.45
-	FormWork	sq.m	5.68	\$ 36.59	\$ 207.83	sq.m	5.68	\$ 28.84	\$ 163.81
5	COLUMN 3 15/15								
5.1	Reinforced concrete of 150mm x 150mm column (C3), 24 Mpa (D12mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	1.60	\$ 169.49	\$ 271.31	Cu.m	1.60	\$ 141.92	\$ 227.18
-	Reinforcement Steel	Kg	259.78	\$ 1.45	\$ 375.91	Kg	259.78	\$ 1.66	\$ 430.98
-	FormWork	sq.m	42.69	\$ 36.59	\$ 1,561.90	sq.m	42.69	\$ 28.84	\$ 1,231.08
6	COLUMN 4 10/10								
6.1	Reinforced concrete of 100mm x 100mm column (C4), 24 Mpa (D12mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	0.56	\$ 169.49	\$ 94.77	Cu.m	0.56	\$ 141.92	\$ 79.35
-	Reinforcement Steel	Kg	107.90	\$ 1.45	\$ 156.13	Kg	107.90	\$ 1.66	\$ 179.00
-	FormWork	sq.m	9.94	\$ 36.59	\$ 363.70	sq.m	9.94	\$ 28.84	\$ 286.67
7	TOP BEAM I 15/20								
7.1	Reinforced concrete of 150mm x 200mm Roof Beam (B1), 24 Mpa (D12mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	1.99	\$ 169.49	\$ 337.14	Cu.m	1.99	\$ 141.92	\$ 282.30
-	Reinforcement Steel	Kg	287.48	\$ 1.45	\$ 415.98	Kg	287.48	\$ 1.66	\$ 476.92
-	FormWork	sq.m	22.41	\$ 44.97	\$ 1,007.63	sq.m	22.41	\$ 28.84	\$ 646.21
8	TOP BEAM 2 10/20								
8.1	Reinforced concrete of 100mm x 200mm Roof Beam (B2), 24 Mpa (D12mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	0.33	\$ 169.49	\$ 55.49	Cu.m	0.33	\$ 141.92	\$ 46.46
-	Reinforcement Steel	Kg	79.70	\$ 1.45	\$ 115.33	Kg	79.70	\$ 1.66	\$ 132.22
-	FormWork	sq.m	6.55	\$ 44.97	\$ 294.46	sq.m	6.55	\$ 28.84	\$ 188.84
9	LINTLE BEAM 10/15								
9.1	Reinforced concrete of 100mm x 150mm Lintel Beam, 24 Mpa (D10mm x Ø8mm)								
-	Concreate FC = 24 Mpa	Cu.m	0.39	\$ 169.49	\$ 66.69	Cu.m	0.39	\$ 141.92	\$ 55.84
-	Reinforcement Steel	Kg	92.36	\$ 1.45	\$ 133.65	Kg	92.36	\$ 1.66	\$ 153.23
-	FormWork	sq.m	5.25	\$ 44.97	\$ 235.91	sq.m	5.25	\$ 28.84	\$ 151.29
10	Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	64.53	\$ 3.50	\$ 225.87	sq.m	64.53	\$ 1.40	\$ 90.35
11	Wiremesh under floor Ø8 - N 150 mm	Kg	440.29	\$ 1.45	\$ 637.10	Kg	440.29	\$ 1.66	\$ 730.45
12	Concrete Floor 24 Mpa, t = 100 mm	Cu.m	25.17	\$ 169.49	\$ 4,266.69	Cu.m	25.17	\$ 141.92	\$ 3,572.65
	Sub Total				\$ 12,372.42				\$ 10,592.80
IV	WALL INSTALLATION AND PLASTERING								
1	Wall concrete block Hollow Thickness 20mm (40 x 15 x 20), 1Pc : 4 ps grade A1 & all necessary work	sq.m	152.46	\$ 41.55	\$ 6,334.88	sq.m	152.46	\$ 37.12	\$ 5,659.46
2	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	304.93	\$ 5.98	\$ 1,823.47	Sq.m	304.93	\$ 5.36	\$ 1,634.41
3	Finishing with cement mortar	Sq.m	304.93	\$ 3.21	\$ 978.82	Sq.m	304.93	\$ 3.30	\$ 1,006.26



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - D

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
			PROPOSED BY OWNER			VERIFIED BY AND			
NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
	Sub Total				\$ 9,137.17				\$ 8,300.14
V	STAIRS WORKS								
1	Excavation	Cu.m	0.68	\$ 5.14	\$ 3.51	Cu.m	0.68	\$ 5.14	\$ 3.51
2	Stone Masonry 1Ps : 3Sd	Cu.m	8.59	\$ 140.45	\$ 1,207.12	Cu.m	8.59	\$ 75.80	\$ 651.47
3	Plastering (1Pc : 4 Sand), thickness 20 mm	Sq.m	7.67	\$ 7.59	\$ 58.20	Sq.m	7.67	\$ 5.27	\$ 40.41
	Sub Total				\$ 1,268.83				\$ 695.39
VI	DOORS & WINDOWS WORKS								
1	Supply and Installation of Door Wooden Frame With Leaf Type D01 2450mm x 1000mm, including all accessories & finishing/Pintu kayu	Unit	4.00	\$ 485.00	\$ 1,940.00	Unit	4.00	\$ 295.00	\$ 1,180.00
2	Supply and installation Aluminium Frame with Leaf aluminium for toilet Type D02 2450 mm x 900 mm, including all accessories & finishing	Unit	2.00	\$ 465.00	\$ 930.00	Unit	2.00	\$ 285.00	\$ 570.00
3	Supply & Install Window frame With Nako Glass Type W01 1730 mm x 1850 mm including all accessories	Unit	1.00	\$ 450.00	\$ 450.00	Unit	1.00	\$ 434.13	\$ 434.13
4	Supply & Install Window Aluminium frame With Nako Glass Type W02 1730 mm x 1250 mm including all accessories	Unit	4.00	\$ 400.00	\$ 1,600.00	Unit	4.00	\$ 302.00	\$ 1,208.00
5	Supply & Install Window Aluminiumframe With Nako Glass Type W03 1450 mm x 650 mm including all accessories,	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 140.50	\$ 281.00
6	Supply & Installation of Window Steel frame With Nako Glass Type W04 1482 mm x 1250 mm including all	Unit	1.00	\$ 350.00	\$ 350.00				
7	Supply & Install Ventilation Aluminium frame With Fixed Glass type V01 400 mm x 700 mm including all accessories	Unit	2.00	\$ 85.00	\$ 170.00	Unit	2.00	\$ 48.60	\$ 97.20
	Sub Total				\$ 6,040.00				\$ 3,770.33
VII	ROOFING WORKS								
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	1581.12	\$ 2.78	\$ 4,395.52	kg	1581.12	\$ 3.73	\$ 5,897.58
2	Supply & Install Steel Purling V 35 x 45 x 0.75 mm	kg	706.28	\$ 2.78	\$ 1,963.44	kg	706.28	\$ 3.73	\$ 2,634.41
3	Supply & Install Roof Mesh	Sq.m	115.78	\$ 4.05	\$ 468.85	Sq.m	115.78	\$ 3.89	\$ 450.50
4	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	115.78	\$ 5.04	\$ 583.00	Sq.m	115.78	\$ 2.92	\$ 337.83
5	Supply & install G550 AZ 150, 0.42 BMT x 940 mm thickness (mm) 0.42 BMT Colorbond and Zincalum steel and screws with all necessary works	Sq.m	115.78	\$ 14.31	\$ 1,656.83	Sq.m	115.78	\$ 18.46	\$ 2,137.32
6	Supply & install Ridge Capping thickness 0.42 mm	m'	10.75	\$ 14.31	\$ 153.83	m'	10.75	\$ 14.26	\$ 153.30
7	Supply & install HD Plate 6mm	Unit	22.00	\$ 18.00	\$ 396.00	Unit	22.00	\$ 8.66	\$ 190.58
8	Supply and Installation of listplank around the roof	m'	21.50	\$ 14.31	\$ 307.67	m'	21.50	\$ 14.26	\$ 306.59
	Sub Total				\$ 9,925.14				\$ 12,108.10
VIII	CEILING WORKS								
1	Supply & Install Steel Ceiling Joist Channel C 75 x 35 x 1.0m	kg	284.59	\$ 2.78	\$ 791.16	kg	284.59	\$ 3.73	\$ 1,061.52
2	Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.7	kg	137.05	\$ 2.78	\$ 380.99	kg	137.05	\$ 3.73	\$ 511.18
3	Supply & Install Ceiling Calciboard 6 mm	sq.m	96.81	\$ 13.34	\$ 1,291.42	sq.m	96.81	\$ 12.82	\$ 1,241.08
4	Supply & Install Ceiling cornice 5 cm	m'	117.41	\$ 13.34	\$ 1,566.29	m'	117.41	\$ 3.60	\$ 422.69
	Sub Total				\$ 4,029.86				\$ 3,236.47
IX	TILE WORKS								
1	Supply & install tile 400mm x 400mm (White Colors) simillar approval by Engineer	Sq.m	56.71	\$ 21.04	\$ 1,193.10	Sq.m	56.71	\$ 22.63	\$ 1,283.27
2	Supply & install Rough Floor Tiles 200mm x 200mm, of colour Grey tile antislip for toilet, simillar approval by	Sq.m	7.13	\$ 22.09	\$ 157.43	Sq.m	7.13	\$ 21.67	\$ 154.44



AGENCIA DE DESENVOLVIMENTO NACIONAL - IP

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
PROPOSED BY OWNER				VERIFIED BY AND					
NO	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
3	Supply & install Wall Tile 200mm x 200 mm, of colour Grey tile wall 2 M for toilet, similar approval by Engineer	Sq.m	35.34	\$ 0.65	\$ 22.97	Sq.m	35.34	\$ 22.58	\$ 797.98
4	Supply & install Ceramic Tile table+ Benz Ceramic 200mm x	Sq.m	8.42	\$ 22.09	\$ 186.07	Sq.m	8.42	\$ 21.67	\$ 182.53
5	Supply & install Skirting 100mm x 400mm	m'	56.86	\$ 6.44	\$ 366.20	m'	56.86	\$ 6.44	\$ 366.20
	Sub Total				\$ 1,925.77				\$ 2,784.41
X	ELECTRICAL WORKS								
1	Supply & install Distribution Panel board + all accessories (Inc. fee Connect to Health Post) 12 Group	Ls	1.00	\$ 350.00	\$ 350.00	Ls	1.00	\$ 346.79	\$ 346.79
2	Supply & install Lighting Phillips F1 TL 2x36W + Accessories	Unit	7.00	\$ 52.00	\$ 364.00	Unit	7.00	\$ 63.18	\$ 442.26
3	Supply & install Lighting Phillips Downlight 24 watt	Unit	17.00	\$ 21.88	\$ 371.96	Unit	17.00	\$ 18.55	\$ 315.35
4	Supply & install Power outlet for AC + all Accessories	Unit	2.00	\$ 8.50	\$ 17.00	Unit	2.00	\$ 8.82	\$ 17.65
5	Supply & install Power outlet + all Accessories	Unit	12.00	\$ 8.50	\$ 102.00	Unit	12.00	\$ 8.82	\$ 105.89
6	Supply & install Cable Nym 3 x 2,5mm SNI Standard + all Accessories	m'	63.00	\$ 6.30	\$ 396.90	m'	63.00	\$ 3.71	\$ 233.73
7	Supply & install Cable Nym 3 x 1,5mm SNI Standard + all Accessories	m'	70.00	\$ 6.30	\$ 441.00	m'	70.00	\$ 3.71	\$ 259.70
9	Supply & install Single switch + all Accessories	Unit	7.00	\$ 6.50	\$ 45.50	Unit	7.00	\$ 5.94	\$ 41.56
10	Supply & install Double switch + all Accessories	Unit	1.00	\$ 7.50	\$ 7.50	Unit	1.00	\$ 6.46	\$ 6.46
11	Supply & install Ceiling fan panasonic 75 Watt + all Accessories	Unit	2.00	\$ 85.00	\$ 170.00	Unit	2.00	\$ 85.00	\$ 170.00
12	Supply & Install Exhausting fan 15 Watt + all Accessories	Unit	4.00	\$ 55.00	\$ 220.00	Unit	4.00	\$ 42.18	\$ 168.72
13	Supply & Install Air Conditioner (AC) 1 PK merk Panasonic	Unit	2.00	\$ 380.00	\$ 760.00	Unit	2.00	\$ 567.28	\$ 1,134.56
	Sub Total				\$ 3,245.86				\$ 3,242.66
XI	SANITATION WORKS								
1	Supply & install Water Closet merk TOTO+ all Accessories	Unit	3.00	\$ 242.71	\$ 728.13	Unit	3.00	\$ 242.71	\$ 728.13
2	Supply & install Standard Hand Basin (Inc. Valve and accessories)	Unit	3.00	\$ 167.46	\$ 502.38	Unit	3.00	\$ 167.46	\$ 502.38
3	Single Stainless Zink (SK)	Unit	1.00	\$ 40.31	\$ 40.31	Unit	1.00	\$ 40.31	\$ 40.31
4	Supply & install Hose Cook (inc.Valve and Accessories)	Unit	3.00	\$ 26.46	\$ 79.38	Unit	3.00	\$ 26.46	\$ 79.38
5	Supply & install fiber Water Box	Unit	2.00	\$ 185.97	\$ 371.94	Unit	2.00	\$ 185.97	\$ 371.94
6	Supply & install Toilet Roll Holder	Unit	3.00	\$ 10.80	\$ 32.40	Unit	3.00	\$ 10.80	\$ 32.40
7	Supply & install Toilet Floor drain	Unit	2.00	\$ 5.41	\$ 10.82	Unit	2.00	\$ 5.41	\$ 10.82
	I. Septick tank Works								
1	Excavation Earth Foundation	Cu.m	25.32	\$ 5.14	\$ 130.14	Cu.m	25.32	\$ 5.14	\$ 130.14
2	Sand Bedding	Cu.m	1.37	\$ 8.61	\$ 11.79	Cu.m	1.37	\$ 8.29	\$ 11.35
3	Back Filling	Cu.m	6.50	\$ 1.70	\$ 11.05	Cu.m	6.50	\$ 1.70	\$ 11.05
4	Anstamping	Cu.m	1.71	\$ 80.12	\$ 137.11	Cu.m	1.71	\$ 80.12	\$ 137.11
5	Compacted Fill	Cu.m	7.80	\$ 4.20	\$ 32.76	Cu.m	7.80	\$ 4.20	\$ 32.76
5	Concrete for Box Control 14.5 Mpa	Cu.m	0.30	\$ 161.16	\$ 48.35	Cu.m	0.30	\$ 131.10	\$ 39.33
6	Reinforced concrete plat cover for Septick, 14.5 Mpa								
-	Concreate FC = 14.5 Mpa	Cu.m	1.84	\$ 161.16	\$ 295.73	Cu.m	1.84	\$ 131.10	\$ 240.57
-	Reinforcement Steel	Kg	117.72	\$ 1.45	\$ 170.33	Kg	117.72	\$ 1.66	\$ 195.29
-	Form Work	sq.m	8.60	\$ 80.00	\$ 688.20	sq.m	8.60	\$ 28.84	\$ 248.10
7	COLOMN 15/15								



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - D

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
7.1	Install 1Pc : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 24 Mpa ($\varnothing 10\text{mm} \times \varnothing 12\text{mm}$)								
-	Concreate FC = 14.5 Mpa	Cu.m	0.34	\$ 161.16	\$ 54.39	Cu.m	0.34	\$ 131.10	\$ 44.25
-	Reinforcement Steel	Kg	83.65	\$ 26.78	\$ 2,240.15	Kg	83.65	\$ 1.66	\$ 138.78
-	FormWork	sq.m	4.50	\$ 36.59	\$ 164.66	sq.m	4.50	\$ 28.84	\$ 129.78
8	Wall for septick 40x20x10 cm	Sq.m	39.39	\$ 15.25	\$ 600.62	Sq.m	39.39	\$ 13.62	\$ 536.42
9	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	39.39	\$ 5.98	\$ 235.52	Sq.m	39.39	\$ 5.36	\$ 211.10
10	Piping with all accessories	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00
I.PIPING WORKS AND ACCESSORIES									
1	Supply & install diameter Pipe for 1/2 " for clean water pipe	m'	29.00	\$ 2.53	\$ 73.37	m'	29.00	\$ 2.11	\$ 61.19
2	Supply & install diameter Pipe for 3/4 " for clean water pipe	m'	29.00	\$ 2.98	\$ 86.42	m'	29.00	\$ 2.96	\$ 85.84
3	Supply & install diameter Pipe 1" for Waste water pipe sister	m'	5.50	\$ 2.98	\$ 16.39	m'	5.50	\$ 7.75	\$ 42.63
4	Supply & install diameter Pipe 2" for Waste water pipe sist	m'	11.00	\$ 9.40	\$ 103.40	m'	11.00	\$ 10.29	\$ 113.19
5	Supply & install diameter Pipe 4" for Waste water pipe sist	m'	8.50	\$ 12.38	\$ 105.24	m'	8.50	\$ 17.62	\$ 149.77
6	Supply & install Valve gate valve and Fittings	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 150.00	\$ 150.00
	Sub Total				\$ 7,170.97				\$ 4,574.00
XII	PAINTING WORKS								
1	Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penutup)Color coordinate with site engineer for aproval	Sq.m	304.93	\$ 3.34	\$ 1,018.46	Sq.m	304.93	\$ 3.46	\$ 1,055.05
2	Ceiling painting Color similliar approval by Engineer	Sq.m	96.81	\$ 3.26	\$ 315.60	Sq.m	96.81	\$ 3.38	\$ 327.21
	Sub Total				\$ 1,334.05				\$ 1,382.26
XIII	FURNITURE								
1	Supply and Install wood beds (Coordinate with Site Engineer for Aproval)	Unit	2.00	\$ 550.00	\$ 1,100.00	Unit	2.00	\$ 550.00	\$ 1,100.00
2	Supply and Install Spring bed (Dimension of Spring bed 200 x 160 x 300mm)	Unit	2.00	\$ 215.00	\$ 430.00	Unit	2.00	\$ 215.00	\$ 430.00
3	Supply and Install Bed Cover	Unit	2.00	\$ 25.00	\$ 50.00	Unit	2.00	\$ 25.00	\$ 50.00
4	Supply Pillow + Cover pillow	Unit	4.00	\$ 15.00	\$ 60.00	Unit	4.00	\$ 15.00	\$ 60.00
5	Supply and Install Sofa	set	1.00	\$ 350.00	\$ 350.00	set	1.00	\$ 350.00	\$ 350.00
6	Supply and Install dining table + chair (woods table chairs be selected by site engineer)	set	1.00	\$ 350.00	\$ 350.00	set	1.00	\$ 350.00	\$ 350.00
7	Supply and Install wardrobe + (selected by site engineer)	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 300.00	\$ 600.00
8	Supply Refrigerator Sharp SJ-X187MG-DB Single door	Unit	1.00	\$ 263.20	\$ 263.20	Unit	1.00	\$ 263.20	\$ 263.20
9	Supply dish rack (rak piring)	Unit	1.00	\$ 60.00	\$ 60.00	Unit	1.00	\$ 60.00	\$ 60.00
10	Supply Electric stove (kompor Listrik + Tacu)	Unit	1.00	\$ 130.00	\$ 130.00	Unit	1.00	\$ 130.00	\$ 130.00
11	Supply "KIRIN RICE COOKER 2.0 LITER KRC-289 Hard Anodized	Unit	1.00	\$ 70.00	\$ 70.00	Unit	1.00	\$ 70.00	\$ 70.00
12	Supply and Install Curtain rail + Curtain windows WO1	Unit	1.00	\$ 42.50	\$ 42.50	Unit	1.00	\$ 42.50	\$ 42.50



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
13	Supply and Install Curtain rail + Curtain windows W02	Unit	4.00	\$ 25.50	\$ 102.00	Unit	4.00	\$ 25.50	\$ 102.00
14	Supply and Install Curtain rail + Curtain windows W03	Unit	2.00	\$ 17.00	\$ 34.00	Unit	2.00	\$ 17.00	\$ 34.00
15	Supply and Install Curtain rail + Curtain windows W03	Unit	2.00	\$ 17.00	\$ 34.00	Unit	2.00	\$ 17.00	\$ 34.00
16	Provide home supplies such as: brooms, mops, carpets, Small Trash Bin	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00
	Sub Total				\$ 3,775.70				\$ 3,775.70
	TOTAL COST				\$ 65,171.30				\$ 57,911.37
	2 UNIT BUILDING DOCTOR HOUSE				\$ 130,342.60				\$ 115,822.74



AGENCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
NO	CODE	DESCRIPTION	UNIT	PROPOSED BY OWNER			VERIFIED BY AND			AMOUNT (USD)
				QUANTIT Y	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	
		FENCE								
I		EARTH / FONDATION WORKS				\$ 12,859.94				\$ 7,349.95
	1	Excavation Earth	Cu.m	119.44	\$ 5.14	\$ 613.92	Cu.m	119.44	\$ 5.14	\$ 613.92
	2	Urugan Kembali (Back Fill)	Cu.m	34.24	\$ 1.70	\$ 58.21	Cu.m	34.24	\$ 1.70	\$ 58.21
	3	Compacted Fill	Cu.m	41.09	\$ 4.20	\$ 172.57	Cu.m	41.09	\$ 4.20	\$ 172.58
	4	Sand Banding	Cu.m	5.68	\$ 8.61	\$ 48.90	Cu.m	5.68	\$ 8.29	\$ 47.09
	5	Stone Mansony 1Pc : 3Ps	Cu.m	85.20	\$ 140.45	\$ 11,966.34	Cu.m	85.20	\$ 75.80	\$ 6,458.16
II		CONCRETE WORKS				\$ 14,312.24				\$ 12,816.51
	1	Column 30/30								
		Reinforced concrete of Column 300mm x 300mm , 24 Mpa (D12mm x Ø8mm)								
		Concrete FC = 24 Mpa	Cu.m	18.21	\$ 169.49	\$ 3,086.98	Cu.m	18.21	\$ 141.92	\$ 2,584.84
		Reinforcement Steel	Kg	1917.28	\$ 1.45	\$ 2,774.31	Kg	1917.28	\$ 1.66	\$ 3,180.77
		FormWork	Sq.m	59.55	\$ 36.59	\$ 2,178.93	Sq.m	59.55	\$ 28.84	\$ 1,717.42
	2	Ground Beam 25/20								
		Reinforced concrete of Ground Beam 250mm x 200 24 Mpa(D12mm x Ø8mm)								
		Concrete FC = 24 Mpa	Cu.m	7.10	\$ 169.49	\$ 1,203.38	Cu.m	7.10	\$ 141.92	\$ 1,007.63
		Reinforcement Steel	Kg	766.14	\$ 1.45	\$ 1,108.60	Kg	766.14	\$ 1.66	\$ 1,271.02
		FormWork	Sq.m	35.50	\$ 26.78	\$ 950.69	Sq.m	35.50	\$ 17.54	\$ 622.67
	3	Top Beam 15/15								
		Reinforced concrete of Top Beam 150 mm x 150mm, 24 Mpa(D12mm x Ø8mm)								
		Concrete FC = 24 Mpa	Cu.m	3.20	\$ 169.49	\$ 541.52	Cu.m	3.20	\$ 141.92	\$ 453.44
		Reinforcement Steel	Kg	691.35	\$ 1.45	\$ 1,000.38	Kg	691.35	\$ 1.66	\$ 1,146.95
		FormWork	Sq.m	21.30	\$ 44.97	\$ 957.86	Sq.m	21.30	\$ 17.54	\$ 373.60
	4	Concrete Slab Entrance & Exit + Cover Steel Struktur Thickness 150 mm								
		Concrete FC = 24 Mpa	Cu.m	2.26	\$ 169.49	\$ 383.05	Cu.m	2.26	\$ 141.92	\$ 320.74
		Reinforcement Steel	Kg	59.23	\$ 1.45	\$ 85.71	Kg	59.23	\$ 1.66	\$ 98.27
		FormWork	Sq.m	0.18	\$ 26.78	\$ 4.82	Sq.m	0.18	\$ 17.54	\$ 3.16
	5	Supply and install Angkur	Pcs	12.00	\$ 3.00	\$ 36.00	Pcs	12.00	\$ 3.00	\$ 36.00
III		WALL WORKS				\$ 9,347.21				\$ 8,579.14
	1	Wall concrete block 40x20x10 cm , 1Pc : 4 ps grade A1 & all necessary works	Sq.m	283.56	\$ 15.25	\$ 4,324.29	Sq.m	283.56	\$ 13.62	\$ 3,862.09
	2	Wall plester (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	567.12	\$ 5.98	\$ 3,391.38	Sq.m	567.12	\$ 5.36	\$ 3,039.76
	3	Finishing with cement mortar	Sq.m	508.27	\$ 3.21	\$ 1,631.55	Sq.m	508.27	\$ 3.30	\$ 1,677.29
IV		STEEL WORKS				\$ 10,637.93				\$ 7,331.08
	1	Supply and Install Hollow Struktur 80x80x2mm For Gate and Fence	Kg	467.07	\$ 5.31	\$ 2,480.13	Kg	467.07	\$ 3.65	\$ 1,704.79



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER: MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : FAHIRIA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
			PROPOSED BY OWNER				VERIFIED BY AND			
NO	CODE	DESCRIPTION	UNIT	QUANTIT Y	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
FENCE										
	2	Supply and Install Hollow 30x30x2mm	Kg	1505.69	\$ 5.31	\$ 7,995.21	Kg	1505.69	\$ 3.65	\$ 5,495.77
	3	Supply and Install Angle Iron besi Siku 30x30x3mm	Kg	19.32	\$ 5.31	\$ 102.59	Kg	19.32	\$ 3.65	\$ 70.52
	4	Supply and install Fence Wheel	Unit	6.00	\$ 10.00	\$ 60.00	Unit	6.00	\$ 10.00	\$ 60.00
V	NEW PAVING WORK					\$ 6,605.26				\$ 5,086.76
	1	Suply and Instal Paving block 270 x 125 x 80mm	Sq.m	240.00	\$ 25.44	\$ 6,105.60	Sq.m	240.00	\$ 19.33	\$ 4,639.20
	2	Suply and Instal Kerb stone 40 x 10 x 20 mm	M1	36.00	\$ 13.88	\$ 499.66	M1	36.00	\$ 12.43	\$ 447.56
VI	LANDSCAPING WORK					\$ 850.00				\$ 420.00
	1	Suply and Instal soil black for planting flowers	ls	1.00	\$ 150.00	\$ 150.00	ls	1.00	\$ 120.00	\$ 120.00
	2	Suply & planting Wodyetia Bifurcata (Palem Tupai)	unit	5.00	\$ 85.00	\$ 425.00	unit	5.00	\$ 30.00	\$ 150.00
	3	Suply & planting flowers sизygium Oleia (Pucuk Merah) coordinate with site engineers for approval	unit	5.00	\$ 50.00	\$ 250.00	unit	5.00	\$ 25.00	\$ 125.00
	4	supply & install nine clock flowers (Bunga Pukul)	ls	1.00	\$ 25.00	\$ 25.00	ls	1.00	\$ 25.00	\$ 25.00
VII	PAINTING WORKS					\$ 2,644.18				\$ 2,712.24
	1	Painting Steel Hollow (Stainless Steel Paint) Two Layers paint Propose to use "dempul" with SAN-POLAC or similar, before finishing with the steel painting	Ls	1.00	\$ 750.00	\$ 750.00	Ls	1.00	\$ 750.00	\$ 750.00
	2	Wall Painting	Sq.m	567.12	\$ 3.34	\$ 1,894.18	Sq.m	567.12	\$ 3.46	\$ 1,962.24
	GRAND TOTAL CONSTRUCTION					\$ 57,256.77				\$ 44,295.68



AGENCIA DE DESENVELOVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND DOCTOR HOUSE - BOBONARO MUNICIPALITY

LOCATION : LAHO, AIASA - BOBONARO MUNICIPALITY-TIMOR LESTE

OVERHEAD

No	Item Description	PROPOSED BY OWNER				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
G	Overhead								
1	Site Engineer	Ls	1.00	\$ 1,500.00	\$ 1,500.00	Ls	1.00	\$ 1,800.00	\$ 1,800.00
2	Progress Report,Photographs and as built drawing	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 300.00	\$ 300.00
3	Security (for 1 person)	Ls	1.00	\$ 1,800.00	\$ 1,800.00	Ls	1.00	\$ 900.00	\$ 900.00
4	Protective Clothing and first aid equipment	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
5	Water supply for works	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 250.00	\$ 250.00
6	Electrical supply power and lighting	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 250.00	\$ 250.00
7	Material sampling and testing	Ls	1.00	\$ 1,650.00	\$ 1,650.00	Ls	1.00	\$ 500.00	\$ 500.00
Total					\$ 6,600.00				\$ 4,150.00



AGENCIAS DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY
 LOCATION : AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
NO	CODE	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
			UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
A. HEALTH POST										
I		PREPARATION WORKS				\$ 5,655.91				\$ 8,308.98
1		Mobilization and Demobilization	Ls	1.00	\$ 3,000.00	\$ 3,000.00	Ls	1.00	\$ 3,000.00	\$ 3,000.00
2		Projectsing board	Unit	1.00	\$ 79.26	\$ 79.26	Unit	1.00	\$ 75.70	\$ 75.70
3		Site Cleaning and Levelling	sq.m	318.99	\$ 1.40	\$ 446.59	sq.m	318.99	\$ 1.40	\$ 446.59
4		Bowplank / frame work	m'	206.97	\$ 7.39	\$ 1,530.06	m'	206.97	\$ 9.55	\$ 1,976.53
5		Site Office 3 m x 3 m	LS	1.00	\$ 250.00	\$ 250.00	m2	9.00	\$ 117.09	\$ 1,053.81
6		Material Storage 3 m x 5 m	LS	1.00	\$ 350.00	\$ 350.00	m2	15.00	\$ 117.09	\$ 1,756.35
III		FUNDATION WORKS				\$ 10,973.59				\$ 6,500.96
1		Excavation Earth Foundation	Cu.m	85.01	\$ 5.14	\$ 436.96	Cu.m	85.01	\$ 5.14	\$ 436.96
2		Sand Bedding under foundation Thinkness 50mm	Cu.m	8.39	\$ 8.61	\$ 72.26	Cu.m	8.39	\$ 8.29	\$ 69.57
3		Stone Masonry 1 pc : 3 ps	Cu.m	71.69	\$ 140.45	\$ 10,069.02	Cu.m	71.69	\$ 78.10	\$ 5,599.08
4		Back Filling sides of foundation	Cu.m	58.66	\$ 1.70	\$ 99.72	Cu.m	58.66	\$ 1.70	\$ 99.72
5		Compacted Foundation Fill	Cu.m	70.39	\$ 4.20	\$ 295.63	Cu.m	70.39	\$ 4.20	\$ 295.63
IV		CONCRETE WORKS				\$ 24,797.82				\$ 23,164.02
1		FOOTING FONDATION								
1.1		Reinforced concrete of Foundation 24 Mpa(D12mm x Ø10mm)								
-		Concreate FC = 24 Mpa	Cu.m	1.81	\$ 169.49	\$ 307.21	Cu.m	1.81	\$ 159.55	\$ 289.19
-		Reinforcement Steel	Kg	306.24	\$ 1.45	\$ 443.13	Kg	306.24	\$ 1.66	\$ 508.05
-		FormWork	sq.m	14.50	\$ 18.03	\$ 261.44	sq.m	14.50	\$ 17.54	\$ 254.33
2		GROUND BEAM B1 30/20								
2.1		Reinforced concrete of Sloof 300mm x 200mm sloof, 24 Mpa(D12mm x Ø8mm)								
-		Concreate FC = 24 Mpa	Cu.m	7.94	\$ 169.49	\$ 1,345.41	Cu.m	7.94	\$ 159.55	\$ 1,266.51
-		Reinforcement Steel	Kg	1012.10	\$ 1.45	\$ 1,464.50	Kg	1012.10	\$ 1.66	\$ 1,679.07
-		FormWork	sq.m	79.38	\$ 26.78	\$ 2,125.80	sq.m	79.38	\$ 28.84	\$ 2,289.32
3		GROUND BEAM B2 30/15								
3.1		Reinforced concrete of Sloof 300mm x 150mm sloof, 24 Mpa(Ø12mm x Ø8mm)								
-		Concreate FC = 24 Mpa	Cu.m	1.02	\$ 169.49	\$ 173.52	Cu.m	1.02	\$ 159.55	\$ 163.34
-		Reinforcement Steel	Kg	104.07	\$ 1.45	\$ 150.59	Kg	104.07	\$ 1.66	\$ 172.66
-		FormWork	sq.m	13.65	\$ 26.78	\$ 365.55	sq.m	13.65	\$ 28.84	\$ 393.67
4		TOP BEAM B3 20/20								
4.1		Reinforced concrete of Sloof 250mm x 200mm sloof, 24 Mpa(Ø12mm x Ø8mm)								
-		Concreate FC = 24 Mpa	Cu.m	5.29	\$ 169.49	\$ 896.94	Cu.m	5.29	\$ 159.55	\$ 844.34
-		Reinforcement Steel	Kg	744.41	\$ 1.45	\$ 1,077.16	Kg	744.41	\$ 1.66	\$ 1,234.97
-		FormWork	sq.m	52.92	\$ 44.97	\$ 2,379.81	sq.m	52.92	\$ 28.84	\$ 1,526.21
5		TOP BEAM B4 20/15								
5.1		Reinforced concrete of Sloof 250mm x 200mm sloof, 24 Mpa(Ø12mm x Ø8mm)								
-		Concreate FC = 24 Mpa	Cu.m	0.85	\$ 169.49	\$ 144.60	Cu.m	0.85	\$ 159.55	\$ 136.12
-		Reinforcement Steel	Kg	122.02	\$ 1.45	\$ 176.56	Kg	122.02	\$ 1.66	\$ 202.42
-		FormWork	sq.m	9.10	\$ 44.97	\$ 409.23	sq.m	9.10	\$ 28.84	\$ 262.44
6		COLUMN C1 20/20								
6.1		Reinforced concrete of Sloof 150mm x 150mm sloof, 24 Mpa(Ø12mm x Ø10mm)								
-		Concreate FC = 24 Mpa	Cu.m	4.89	\$ 169.49	\$ 829.49	Cu.m	4.89	\$ 159.55	\$ 780.84
-		Reinforcement Steel	Kg	871.55	\$ 1.45	\$ 1,261.13	Kg	871.55	\$ 1.66	\$ 1,445.90
-		FormWork	sq.m	97.88	\$ 36.59	\$ 3,581.46	sq.m	97.88	\$ 28.84	\$ 2,822.88
7		COLUMN C2 15/15								
7.1		Reinforced concrete of Sloof 150mm x 150mm sloof, 24 Mpa(Ø12mm x Ø10mm)								
-		Concreate FC = 24 Mpa	Cu.m	0.86	\$ 169.49	\$ 145.68	Cu.m	0.86	\$ 159.55	\$ 137.13
-		Reinforcement Steel	Kg	184.76	\$ 1.45	\$ 267.35	Kg	184.76	\$ 1.66	\$ 306.52
-		FormWork	sq.m	22.92	\$ 36.59	\$ 838.64	sq.m	22.92	\$ 28.84	\$ 661.01
8		LITTLE BEAM FOR TOP ROOFING 10/10								
8.1		Reinforced concrete of Sloof 100mm x 100mm sloof, 24 Mpa(Ø12mm x Ø10mm)								
-		Concreate FC = 24 Mpa	Cu.m	0.42	\$ 169.49	\$ 70.93	Cu.m	0.42	\$ 159.55	\$ 66.77
-		Reinforcement Steel	Kg	95.46	\$ 1.45	\$ 138.13	Kg	95.46	\$ 1.66	\$ 158.37
-		FormWork	sq.m	3.55	\$ 36.59	\$ 129.72	sq.m	3.55	\$ 28.84	\$ 102.24
9		CONCRETE ROOFING PLATE for ENSINERATOR								



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY
 LOCATION : AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
NO	CODE	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND		
			UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)
A. HEALTH POST									
9.1	Install 1Pc : 2sd : 3 Ag reinforced concrete Plate, 14.5 Mpa	Cu.m	0.19	\$ 161.16	\$ 31.19	Cu.m	0.19	\$ 149.36	\$ 28.91
10	Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	198.92	\$ 3.50	\$ 696.21	sq.m	198.92	\$ 1.40	\$ 278.48
11	Wiremesh under floor Ø 8 - N 150 mm	Kg	1099.94	\$ 1.45	\$ 1,591.62	Kg	1099.94	\$ 1.66	\$ 1,824.81
12	Concrete Floor, 24 Mpa	Cu.m	18.73	\$ 169.49	\$ 3,174.83	Cu.m	18.73	\$ 159.55	\$ 2,988.63
13	Ramp for Acces Disability	Cu.m	0.60	\$ 533.38	\$ 320.03	Cu.m	0.60	\$ 564.81	\$ 338.89
V WALL INSTALLATION AND PLESTERING									
					\$ 20,267.33				\$ 23,340.83
1	Wall concrete block (39x19x19), 1Pc : 4 ps grade A1 & all necessary works	Sq.m	396.08	\$ 25.50	\$ 10,099.99	Sq.m	396.08	\$ 37.60	\$ 14,892.53
2	Wall concrete block (40 x 10 x 20), 1PC : Ps Grade A1 & all necessary	sq.m	48.18	\$ 41.55	\$ 2,001.88	Sq.m	48.18	\$ 13.80	\$ 664.88
3	Wall plester (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	888.52	\$ 5.98	\$ 5,313.33	Sq.m	888.52	\$ 5.46	\$ 4,851.30
4	Finishing with cement mortar	Sq.m	888.52	\$ 3.21	\$ 2,852.14	Sq.m	888.52	\$ 3.30	\$ 2,932.11
V DOORS & WINDOWS WORKS									
					\$ 10,054.00				\$ 11,361.17
1	Supply and Installation of Glass Door Type D01,2400mm x 1680mm including all accessories & finishing/Pintu Panel Aluminium	Each	1	\$ 650.00	\$ 650.00	Each	1.00	\$ 601.20	\$ 601.20
2	Supply and installation of Door Type D02 2400mm x 1000mm', including all accessories & finishing	Each	8	\$ 385.00	\$ 3,080.00	Each	8.00	\$ 370.00	\$ 2,960.00
3	Supply and installation Sliding Door Type D03 2000mm x700mm', including all accessories & finishing	Each	4	\$ 225.00	\$ 900.00	Each	4.00	\$ 268.00	\$ 1,072.00
4	Supply and installation Sliding Door Type D03 2000mm x1000mm', including all accessories & finishing	Each	1	\$ 325.00	\$ 325.00	Each	1.00	\$ 336.00	\$ 336.00
5	Window frame Type W01 1800mm x 600mm including all assessories,	Each	2	\$ 186.00	\$ 372.00	Each	2.00	\$ 176.60	\$ 353.20
6	Window frame Type W02 1210mm x 1800mm including all assessories,	Each	15	\$ 256.00	\$ 3,840.00	Each	15.00	\$ 335.81	\$ 5,037.15
7	Window frame with Loket Type W 1210mm x 1800mm including all assessories,	Each	2	\$ 256.00	\$ 512.00	Each	2.00	\$ 335.81	\$ 671.62
8	Supply & install Glasses Ventilation 800 x 500	Each	5	\$ 75.00	\$ 375.00	Each	5.00	\$ 66.00	\$ 330.00
VI ROOFING WORKS									
					\$ 24,446.04				\$ 27,484.70
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	2849.12	\$ 2.78	\$ 7,920.56	kg	2849.12	\$ 3.73	\$ 10,627.22
2	Supply & Install Steel Purlin Rondo 45 x 35 x 0.75 mm	kg	1886.69	\$ 2.78	\$ 5,244.98	kg	1886.69	\$ 3.73	\$ 7,037.34
3	Supply & Install Roof Mesh	sq.m	300.85	\$ 4.05	\$ 1,218.29	sq.m	300.85	\$ 3.89	\$ 1,170.58
4	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	300.85	\$ 5.04	\$ 1,514.88	Sq.m	300.85	\$ 2.92	\$ 877.83
5	G550 AZ 150, 0.42 BMT X 940 MM Thickness (MM) 0.42 BMT Colorbond and Zincalum steel; including all	Sq.m	300.85	\$ 18.24	\$ 5,487.50	Sq.m	300.85	\$ 18.46	\$ 5,553.69
6	Supply & install HD Plate 6mm	Unit	34.00	\$ 18.00	\$ 612.00	Unit	34.00	\$ 8.66	\$ 294.53
7	Supply & install Ridge Caping 0.42 mm	M'	21.40	\$ 14.31	\$ 306.23	M'	21.40	\$ 14.26	\$ 305.16
8	Supply and Installation of lisp plank around the roof 200 x 30	M'	90.00	\$ 18.24	\$ 1,641.60	M'	90.00	\$ 14.26	\$ 1,283.40
9	Supply and Installation Roof Ventilator Edmonds Hurricane H400 turbine rotary roof ventilator, complete with proprietary base including all flashing, anti-corrosion, low moisture transmission coating to contact surface as specified	Unit	2.00	\$ 250.00	\$ 500.00	Unit	2.00	\$ 167.48	\$ 334.95
VII CEILING WORKS									
					\$ 14,084.90				\$ 17,291.08
1	Supply & Install Steel Ceiling Joist Channel C 75 x35x 1 mm	kg	1616.54	\$ 2.78	\$ 4,493.98	kg	1616.54	\$ 3.73	\$ 6,029.70
2	Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.75 mm	kg	1899.11	\$ 2.78	\$ 5,279.51	kg	1899.11	\$ 3.73	\$ 7,083.67
3	Supply & Install Ceiling Calciboard 6 mm	sq.m	257.08	\$ 13.34	\$ 3,429.40	sq.m	257.08	\$ 12.82	\$ 3,295.72
4	Supply & Install Ceiling cornice 5 cm	M'	245.00	\$ 3.60	\$ 882.00	M'	245.00	\$ 3.60	\$ 882.00
VIII FLOOR TILE WORKS									
					\$ 7,912.45				\$ 6,597.70
1	Supply & install tile 600x600 mm (White Colors) simillar approval by Engineer	Sq.m	177.62	\$ 31.88	\$ 5,662.60	Sq.m	177.62	\$ 25.00	\$ 4,440.56
2	Supply & install Rough Floor Tiles 400 x 400 mm, of colour Grey tile antislip for toilet, simillar approval by Engineer	Sq.m	9.69	\$ 21.04	\$ 203.96	Sq.m	9.69	\$ 22.84	\$ 221.41
3	Supply & install Tile wall 400 x 400mm, of colour Grey tile wall 2 M for toilet, simillar approval by Engineer	Sq.m	60.68	\$ 22.89	\$ 1,388.89	Sq.m	60.68	\$ 24.94	\$ 1,513.28
4	Supply & install Tile Plint 10x60 cm	M'	133.27	\$ 4.93	\$ 657.00	M'	133.27	\$ 3.17	\$ 422.45
IX ELECTRICAL WORKS									
					\$ 13,002.83				\$ 7,677.51
1	Supply & install Distribution Panel board + all accessories (Inc.Fee 3 Phase Connect to EDTL12 Group	Ls	1.00	\$ 750.00	\$ 750.00	Ls	1.00	\$ 423.71	\$ 423.71
2	Supply & install Excaus Fan Panasonic + all accessories	Unit	5.00	\$ 55.00	\$ 275.00	Unit	5.00	\$ 42.18	\$ 210.90
3	Supply & install Ceiling Fan panasonic 75 watt + all accessories	Unit	9.00	\$ 85.00	\$ 765.00	Unit	9.00	\$ 81.03	\$ 729.27
4	Supply & install Ac 1 PK Merk Ponasonic + all accessories	Unit	3.00	\$ 350.00	\$ 1,050.00	Unit	3.00	\$ 567.28	\$ 1,701.84
5	Supply & install Lighting Phillips Downlight 24 watt	Unit	33.00	\$ 21.88	\$ 722.04	Unit	33.00	\$ 18.55	\$ 612.15
6	Supply & install Lighting F1 TL 2x36 Watt	Unit	15.00	\$ 52.00	\$ 780.00	Unit	15.00	\$ 63.18	\$ 947.70
7	Supply & install power outlet + all Accessories	Unit	34.00	\$ 8.50	\$ 289.00	Unit	34.00	\$ 8.82	\$ 300.02



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY
 LOCATION : AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
NO	CODE	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
			UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	
A. HEALTH POST										
8		Supply & install Cable 3x2,5mm SNI Standardt + all Accessories	m'	261.72	\$ 4.30	\$ 1,125.38	m'	261.72	\$ 3.71	\$ 970.97
9		Supply & install Cable 3x1,5mm SNI Standardt + all Accessories	m'	169.98	\$ 4.30	\$ 730.91	m'	169.98	\$ 3.71	\$ 630.63
10		Supply & install Cable SR 2x25 mm SNI Standardt + all Accessories	m'	75.00	\$ 75.00	\$ 5,625.00	m'	75.00	\$ 5.45	\$ 408.75
11		Supply & install double switch + all Accessories	Unit	4.00	\$ 7.50	\$ 30.00	Unit	4.00	\$ 6.46	\$ 25.84
12		Supply & install single switch + all Accessories	Unit	15.00	\$ 6.50	\$ 97.50	Unit	15.00	\$ 5.94	\$ 89.05
14		Supply & install power outlet AC + all Accessories	Unit	3.00	\$ 8.50	\$ 25.50	Unit	3.00	\$ 8.82	\$ 26.47
16		Supply & install Grounding Rod (Penangkal Petir)							\$ -	
16.1		kabel Arde BC 70 Single KURN	m'	20.00	\$ 8.50	\$ 170.00	m'	20.00	\$ 7.00	\$ 140.00
16.2		Busbar	Unit	1.00	\$ 25.00	\$ 25.00	Unit	1.00	\$ 25.00	\$ 25.00
16.3		Besi Tembaga For Grounding /Stick Ground Original	m'	5.00	\$ 22.50	\$ 112.50	m'	5.00	\$ 22.50	\$ 112.50
16.4		Pipa PVC 1 1/4"	m'	12.00	\$ 10.00	\$ 120.00	m'	12.00	\$ 1.06	\$ 12.72
16.5		titik pengeboran	m'	2.00	\$ 30.00	\$ 60.00	m'	2.00	\$ 30.00	\$ 60.00
16.6		Tiang Penangkal 2"	m'	2.00	\$ 50.00	\$ 100.00	m'	2.00	\$ 50.00	\$ 100.00
16.7		Instalasi dan test pembuatan dengan batas maximum 0,5 Ohm	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
X		SANITAS WORKS				\$ 8,056.28				\$ 7,876.20
1		Supply & install Water Closet merk TOTO+ all Accessories	Unit	5.00	\$ 242.71	\$ 1,213.55	Unit	5.00	\$ 242.71	\$ 1,213.55
2		Supply & install Hand Basin merk TOTO + all accessories	Unit	6.00	\$ 167.46	\$ 1,004.76	Unit	6.00	\$ 167.46	\$ 1,004.76
3		Supply & install Zink + all accessories	Unit	1.00	\$ 40.31	\$ 40.31	Unit	1.00	\$ 40.31	\$ 40.31
4		Supply & install Hose Cook (Inc.Valve and Accessories)	Unit	5.00	\$ 26.46	\$ 132.30	Unit	5.00	\$ 26.46	\$ 132.30
5		Supply & install fiber Water Box	Unit	5.00	\$ 185.97	\$ 929.85	Unit	5.00	\$ 185.97	\$ 929.85
6		Supply & install Toilet Roll Holder	Unit	5.00	\$ 10.80	\$ 54.00	Unit	5.00	\$ 10.80	\$ 54.00
7		Supply & install Toilet Floor drain	Unit	5.00	\$ 5.41	\$ 27.05	Unit	5.00	\$ 5.41	\$ 27.05
8		Supply & install Steel Holder for Dissability/ Pegangan toilet	Unit	3.00	\$ 25.88	\$ 77.64	Unit	3.00	\$ 25.88	\$ 77.64
I. Septiktank Works										
1		Excavation Earth Foundation	Cu.m	25.32	\$ 5.14	\$ 130.14	Cu.m	25.32	\$ 5.14	\$ 130.14
2		Sand Bedding	Cu.m	1.37	\$ 8.61	\$ 11.79	Cu.m	1.37	\$ 8.29	\$ 11.35
3		Back Filling	Cu.m	6.50	\$ 1.70	\$ 11.05	Cu.m	6.50	\$ 1.70	\$ 11.05
4		Anstamping	Cu.m	1.71	\$ 80.12	\$ 137.11	Cu.m	1.71	\$ 25.19	\$ 43.11
5		Compacted Fill	Cu.m	7.80	\$ 4.20	\$ 32.76	Cu.m	7.80	\$ 4.20	\$ 32.76
5		Concrete for Box Control 14.5 Mpa	Cu.m	0.30	\$ 161.16	\$ 48.35	Cu.m	0.30	\$ 149.36	\$ 44.81
6		Reinforced concrete plat cover for Septick , 14.5 Mpa	Cu.m	1.84	\$ 161.16	\$ 295.73	Cu.m	1.84	\$ 149.36	\$ 274.08
6.1		Concreate FC = 14.5 Mpa	Kg	117.72	\$ 1.45	\$ 170.33	Kg	117.72	\$ 1.66	\$ 195.29
6.3		FormWork	sq.m	8.60	\$ 80.00	\$ 688.20	sq.m	8.60	\$ 46.27	\$ 398.04
7		COLOMN 15/15								
		Install 1Pc : 25d : 3 Ag reinforced concrete of 150mm x 150mm column, 24 Mpa (Ø10mm x Ø12mm)								
7.1		Concrete FC = 14.5 Mpa	Cu.m	0.34	\$ 161.16	\$ 54.39	Cu.m	0.34	\$ 149.36	\$ 50.41
7.2		Reinforcement Steel	Kg	83.65	\$ 1.45	\$ 121.04	Kg	83.65	\$ 1.66	\$ 138.78
7.3		FormWork	sq.m	4.50	\$ 36.59	\$ 164.66	sq.m	4.50	\$ 28.84	\$ 129.78
8		Wall for septick 40x20x10 cm	Sq.m	39.39	\$ 15.25	\$ 600.62	Sq.m	39.39	\$ 13.80	\$ 543.51
9		Wall plester (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	39.39	\$ 5.98	\$ 235.52	Sq.m	39.39	\$ 5.46	\$ 215.04
10		Piping with all accessories	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
II. PIPING WORKS AND ACCESSORIES										
1		Supply & install diameter Pipe 1/2 "	M'	177.62	\$ 2.53	\$ 449.38	M'	177.62	\$ 2.11	\$ 374.78
2		Supply & install diameter Pipe 1 "	M'	70.48	\$ 2.98	\$ 210.04	M'	70.48	\$ 2.96	\$ 208.63
3		Supply & install diameter Pipe 2"	M'	3.60	\$ 5.05	\$ 18.18	M'	3.60	\$ 7.75	\$ 27.90
4		Supply & install diameter Pipe 3"	M'	3.28	\$ 9.40	\$ 30.84	M'	3.28	\$ 10.29	\$ 33.76
5		Supply & install diameter Pipe 4"	M'	70.01	\$ 12.38	\$ 866.69	M'	70.01	\$ 17.62	\$ 1,233.52
6		Supply & install Valve gate valve and Fittings	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
XI		PAINTING WORKS				\$ 3,805.71				\$ 3,870.21
1		Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penutup)Color coordinate with site engineer for aproval	Sq.m	867.43	\$ 3.34	\$ 2,897.20	Sq.m	867.43	\$ 3.46	\$ 3,001.29
2		Ceiling painting	Sq.m	257.08	\$ 3.26	\$ 838.07	Sq.m	257.08	\$ 3.38	\$ 868.92
XII		APRON WORK				\$ 1,516.22				\$ 1,511.17
1		Sand Bedding under Floor Thinkness 50mm	Cu.m	3.34	\$ 8.61	\$ 28.77	Cu.m	3.34	\$ 8.29	\$ 27.70
2		Install 1Pc : 35d : 5Ag 14.5 Mpa	Cu.m	6.27	\$ 161.16	\$ 1,009.89	Cu.m	6.27	\$ 149.36	\$ 935.95
3		Wiremesh Apron floor Ø 8 - N 150 mm	Kg	330.03	\$ 1.45	\$ 477.55	Kg	330.03	\$ 1.66	\$ 547.52
XIII		TOWER WORKS				\$ 6,278.42				\$ 5,569.38
1		Excavation	Cu.m	3.20	\$ 5.14	\$ 16.45	Cu.m	3.20	\$ 5.14	\$ 16.45
2		Backfilling	Cu.m	0.96	\$ 1.70	\$ 1.63	Cu.m	0.96	\$ 1.70	\$ 1.63
3		Compacted Fill	Cu.m	1.15	\$ 4.20	\$ 4.84	Cu.m	1.15	\$ 4.20	\$ 4.84



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - IP

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY
 LOCATION : AILEU MLA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
PROPOSED BY OWNER				VERIFIED BY AND						
NO	CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
A.HEALTH POST										
4	FOOT PLAT	Reinforced concrete Footing 24 Mpa (Ø12mm)								
4.1	Concreate FC = 24 Mpa		Cu.m	0.64	\$ 169.49	\$ 108.47	Cu.m	0.64	\$ 159.55	\$ 102.11
4.2	Reinforcement Steel		Kg	60.38	\$ 1.45	\$ 87.38	Kg	60.38	\$ 1.66	\$ 100.18
4.3	FormWork		sq.m	2.56	\$ 18.03	\$ 46.16	sq.m	2.56	\$ 17.54	\$ 44.90
5	COLOM 30/30	Reinforced concrete of 300mm x 300mm column, 24 Mpa (Ø10mm x Ø12mm)								
5.1	Concreate FC = 24 Mpa		Cu.m	2.23	\$ 169.49	\$ 377.69	Cu.m	2.23	\$ 159.55	\$ 355.54
5.2	Reinforcement Steel		Kg	171.18	\$ 1.45	\$ 247.69	Kg	171.18	\$ 1.66	\$ 283.98
5.3	FormWork		sq.m	29.71	\$ 36.59	\$ 1,087.16	sq.m	29.71	\$ 28.84	\$ 856.89
6	SLOOF B01 25/25	Reinforced concrete of 250mm x 250mm sloof, 24 Mpa (Ø12mm x Ø8mm)								
6.1	Concreate FC = 24 Mpa		Cu.m	0.48	\$ 169.49	\$ 80.51	Cu.m	0.48	\$ 159.55	\$ 75.79
6.2	Reinforcement Steel		Kg	47.85	\$ 1.45	\$ 69.24	Kg	47.85	\$ 1.66	\$ 79.39
6.3	FormWork		sq.m	3.80	\$ 26.78	\$ 101.76	sq.m	3.80	\$ 28.84	\$ 109.59
7	RING BALK B02 20/30	Reinforced concrete of 200mm x 300mm sloof, 24 Mpa (Ø12mm x Ø8mm)								
7.1	Concreate FC = 24 Mpa		Cu.m	0.60	\$ 169.49	\$ 101.69	Cu.m	0.60	\$ 159.55	\$ 95.73
7.2	Reinforcement Steel		Kg	62.97	\$ 1.45	\$ 91.11	Kg	62.97	\$ 1.66	\$ 104.46
7.3	FormWork		sq.m	5.00	\$ 26.78	\$ 133.90	sq.m	5.00	\$ 28.84	\$ 144.20
8	CONCRETE PLAT	Install 1Pc : 2Sd : 3 Ag reinforced concrete plat, 24 Mpa (Ø10mm N 200 mm)	Cu.m	1.25	\$ 169.49	\$ 211.86	Cu.m	1.25	\$ 159.55	\$ 199.44
9	Wall concrete block Hollow Thikness 20 mm (39 x 19 x 19), 1Pc : 4 ps grade A1 for External inc. corefill		sq.m	11.78	\$ 25.50	\$ 300.39	sq.m	11.78	\$ 37.60	\$ 442.93
10	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works		Sq.m	23.56	\$ 5.98	\$ 140.89	Sq.m	23.56	\$ 5.46	\$ 128.64
11	Finishing with cement mortar		Sq.m	23.56	\$ 3.21	\$ 75.63	Sq.m	23.56	\$ 3.30	\$ 77.75
12	Steel Works for Stairs		Kg	28.21	\$ 2.78	\$ 78.42	Kg	28.21	\$ 3.73	\$ 105.22
13	Painting Works		sq.m	52.35	\$ 3.34	\$ 174.86	sq.m	52.35	\$ 3.46	\$ 181.14
14	Supply & install Water Tank Profil 3200 ltr merk ROOTO		Unit	1.00	\$ 650.00	\$ 650.00	Unit	1.00	\$ 485.10	\$ 485.10
15	ROOFING WORKS									
15.1	Supply and install Column Steel Hollow 40 x 80 mm		Kg	5.72	\$ 2.78	\$ 15.90	Kg	5.72	\$ 3.73	\$ 21.34
15.2	Supply & Install Steel hollow 100 x 100.mm		Kg	13.00	\$ 2.78	\$ 36.14	Kg	13.00	\$ 3.73	\$ 48.49
15.3	Supply & Install Steel hollow 40 x 80.mm		Kg	32.83	\$ 2.78	\$ 91.28	Kg	32.83	\$ 3.73	\$ 122.47
15.4	Supply & Install Steel Purlin V 60 x 30 x 95 x 0.53.mm		Kg	34.32	\$ 2.78	\$ 95.41	Kg	34.32	\$ 3.73	\$ 128.01
15.5	Supply & install Standard roof zincalum Colorbond 0.42 mm		Sq.m	6.29	\$ 18.24	\$ 114.73	Sq.m	6.29	\$ 18.46	\$ 116.11
15.6	Supply & install Ridge Caping		M'	3.30	\$ 14.31	\$ 47.22	M'	3.30	\$ 14.26	\$ 47.06
16	Supply & install Water Pump 150W 1 phase + all aaccessories		Unit	1.00	\$ 490.00	\$ 490.00	Unit	1.00	\$ 490.00	\$ 490.00
17	Supply & install Pipe + all aaccessories from Water resource to tower		LS	1.00	\$ 1,200.00	\$ 1,200.00	LS	1.00	\$ 600.00	\$ 600.00
XIV	FURNITURE					\$ 14,955.25				\$ 14,830.25
1	Provide the Provisional for room signage and title of Health Post (signboard)		LS	1.00	\$ 500.00	\$ 500.00	LS	1.00	\$ 500.00	\$ 500.00
2	Clinic Medical Furniture Provide the provisional sum for Clinic Medical Furniture									
3	Clinic Medical Furniture include :									
3.1	Hospital Bed with back raise mark AOLIKE - ALK06A232P (coordinate with owner for aproval)									
	Specifications									
	Movimentos:									
	Movimento de dorso - ângulo: 0° ~ 70° (±5°)									
	Movimento de joelho - ângulo: 0° ~ 30° (±5°)		Unit	2.00	\$ 1,500.00	\$ 3,000.00	Unit	2.00	\$ 1,500.00	\$ 3,000.00
	Dimensões:									
	Cama: C 2130 mm x L 980 mm x H 500 mm									
	Leito : C 1945 mm x L 850 mm									
	Certificações:									
	CE, ISO 13485: 2003, ISSO 9001: 2008									
3.2	Examination Bed (MEJA PERIKSA PASIEN LIPAT+FOOTSTEP INDOMED)									
	Specifications									
	Berat meja: 23 kg									
	Bagian kepala panjang 50cm									
	Dimensi meja periksa: 1950x650x830 mm		Unit	2.00	\$ 750.00	\$ 1,500.00	Unit	2.00	\$ 750.00	\$ 1,500.00



AGENCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY
 LOCATION : AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION								
NO	CODE	DESCRIPTION	PROPOSED BY OWNER			VERIFIED BY AND		
			UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY
A.HEALTH POST								
		Sudut kemiringan backrest: 0-70 (5)						
		Include: Footstep						
		Bahan meja periksa: powder coating steel						
		Bahan matras: Foam dengan cover kulit imitasi (warna biru)						
		Tebal matras: 8 cm						
		3.2 Examination and Gynaecology Bed (MEJA GYNECOLOGI Stainless Steel)						
		Specifications						
		Merek: Indomed						
		Bahan : Stainless Steel						
		Bahan Matrass: Spons dilapisi dengan kulit imitasi	Unit	1.00	\$ 1,600.00	\$ 1,600.00	Unit	1.00
		Dimensi : 210 x 71 x 84 ± 2 cm (PxLxT)						
		FITUR & AKSESORIS						
		Bagian kepala bisa diangkat max 70°						
		Bagian kaki bisa diturunkan max 90°						
		3.3 Bedside Cabinet (YA-B06 Hospital ABS Bedside Cabinet)						
		Model: YA-B06	Unit	4.00	\$ 400.00	\$ 1,600.00	Unit	4.00
		Overall Size: 48 x 48 x 76cm						
		Load Capacity: 30kg						
		3.3 Instrument Trolley with two shelves (Troli Instrument Meja Instrument Stainless 2 Susun)	Unit	3.00	\$ 86.00	\$ 258.00	Unit	3.00
		3.4 Medicine Cabinet (Lemari Obat 2 Pintu)						
		SPESIFIKASI PRODUK :						
		Nama Produk : Lemari Obat 2 Pintu Bahan Besi						
		Fungsi : Menyimpan obat dan perlengkapan medis di klinik, RS atau ruangan medis lainnya	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00
		Dimensi : 90 x 40 x 170 cm						
		Bahan : plat besi 1 mm finishing epoxy cat oven / powder coating						
		Pintu atas terbagi 2 berbahan kaca ketebalan 5 mm						
		Pintu bagian bawah dari plat						
		3.5 Waiting Chair four sheet (coordinate with owner for aproval)						
		Specifications						
		Bench or chairs for waiting room3 places	Unit	4.00	\$ 300.00	\$ 1,200.00	Unit	4.00
		Robust design with ergonomic backrests.						
		Steel structure of black color.						
		Horizontal steel bar that strongly supports the entire structure.						
		Seats and backrest in black die-cut steel.						
		3.6 Supply and intall Office table (coordinate with owner for aproval)	Unit	4.00	\$ 195.50	\$ 782.00	Unit	4.00
		3.7 Supply and intall Office Chair (coordinate with owner for aproval)	Unit	7.00	\$ 224.25	\$ 1,569.75	Unit	7.00
		3.8 Supply and intall Highchair for Laboratory room(coordinate with owner for aproval)	Unit	2.00	\$ 97.75	\$ 195.50	Unit	2.00
		3.9 Supply and install Place and flagpole (coordinate with owner for aproval)	Unit	1.00	\$ 250.00	\$ 250.00	Unit	1.00
		3.10 Supply and intall Laptop hp CORE i5 + all accessories (coordinate with site engineer for aproval) hn.core i5	Unit	1.00	\$ 1,500.00	\$ 1,500.00	Unit	1.00
		3.11 Supply and intall Printer HP LaserJet(coordinate with site engineer for aproval)	Unit	1.00	\$ 400.00	\$ 400.00	Unit	1.00
XV	FINAL CLEARING				\$ 250.00			\$ 250.00
	1 Remove and clean all the construction site areas	Ls	1.00	\$ 250.00	\$ 250.00	Ls	1.00	\$ 250.00
B	CONTRUCTION COST (I+XV)				\$ 166,056.74			\$ 165,634.16



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - IP

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY
 LOCATION : AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
NO	DESCRIPTION	UNIT	PROPOSED BY OWNER			VERIFIED BY AND				
			QUANT ITY	UNIT PRICE (\$USD)	AMOUNT (\$USD)	UNIT	QUANTITY	UNIT PRICE (\$USD)	AMOUNT (\$USD)	
B	DOCTOR HOUSE									
I	PREPARATION WORKS									
1	Mobilization and Demobilization	N/A		\$	-					
2	Project sing board	N/A		\$	-					
3	Water Supply for Works	N/A		\$	-					
4	Electrical Supply power and lighting	N/A		\$	-					
5	Site Office 4 m x 4 m	N/A		\$	-					
6	Material Storage 3 m x 5 m	N/A		\$	-					
7	Site safety and Protective Clothing	N/A		\$	-					
8	Progress Report and Photographs	N/A		\$	-					
9	Material sampling testing	N/A		\$	-					
10	Site Cleaning and Levelling	N/A		\$	-					
11	Bowplank / frame work	Ln.m	125.33	\$ 9.92	\$ 1,243.31	Ln.m	125.33	\$ 9.55	\$ 1,196.93	
	Sub Total				\$ 1,243.31					\$ 1,196.93
II	FOUNDATION WORKS									
1	Excavation Earth Foundation	Cu.m	44.85	\$ 5.14	\$ 230.52	Cu.m	44.85	\$ 5.14	\$ 230.52	
2	Sand Bedding under foundation Thinkness 50mm inclued Floor	Cu.m	5.72	\$ 8.61	\$ 49.21	Cu.m	5.72	\$ 8.29	\$ 47.38	
3	Stone Massonry 1Ps : 3Sd	Cu.m	22.40	\$ 140.45	\$ 3,146.22	Cu.m	22.40	\$ 78.10	\$ 1,749.52	
4	Back Filling sides of foundation inclued floor	Cu.m	40.99	\$ 1.70	\$ 69.68	Cu.m	40.99	\$ 1.70	\$ 69.68	
5	Compacted Foundation Fill inclued floor	Cu.m	49.19	\$ 4.20	\$ 206.59	Cu.m	49.19	\$ 4.20	\$ 206.59	
	Sub Total				\$ 3,702.23					\$ 2,303.70
III	CONCRETE WORKS									
1	SLOOF 1 15/20									
1.1	Reinforced concrete of 150mm x 200mm Tie Beam (B1), 24 Mpa (D12mm x Ø8mm)									
-	Concreate FC = 24 Mpa	Cu.m	1.37	\$ 169.49	\$ 232.52	Cu.m	1.37	\$ 159.55	\$ 218.89	
-	Reinforcement Steel	Kg	234.69	\$ 1.45	\$ 339.59	Kg	234.69	\$ 1.66	\$ 389.34	
-	FormWork	sq.m	18.29	\$ 18.03	\$ 329.80	sq.m	18.29	\$ 17.54	\$ 320.84	
2	SLOOF 2 10/20									
2.1	Reinforced concrete of 100mm x 200mm Tie Beam (B2), 24 Mpa (D12mm x Ø8mm)									
-	Concreate FC = 24 Mpa	Cu.m	0.33	\$ 169.49	\$ 55.49	Cu.m	0.33	\$ 159.55	\$ 52.24	
-	Reinforcement Steel	Kg	79.70	\$ 1.45	\$ 115.33	Kg	79.70	\$ 1.66	\$ 132.22	
-	FormWork	sq.m	6.55	\$ 26.78	\$ 175.36	sq.m	6.55	\$ 17.54	\$ 114.85	
3	COLUMN I 15/30									
3.1	Reinforced concrete of 150mm x 300mm column (C1), 24 Mpa (D12mm x Ø8mm)									
-	Concreate FC = 24 Mpa	Cu.m	0.16	\$ 169.49	\$ 27.08	Cu.m	0.16	\$ 159.55	\$ 25.49	
-	Reinforcement Steel	Kg	20.09	\$ 1.45	\$ 29.07	Kg	20.09	\$ 1.66	\$ 33.33	
-	FormWork	sq.m	4.26	\$ 36.59	\$ 155.87	sq.m	4.26	\$ 28.84	\$ 122.86	
4	COLUMN 2 15/20									
4.1	Reinforced concrete of 150mm x 200mm column (C2), 24 Mpa (D12mm x Ø8mm)									
-	Concreate FC = 24 Mpa	Cu.m	0.21	\$ 169.49	\$ 36.10	Cu.m	0.21	\$ 159.55	\$ 33.98	
-	Reinforcement Steel	Kg	36.44	\$ 1.45	\$ 52.72	Kg	36.44	\$ 1.66	\$ 60.45	
-	FormWork	sq.m	5.68	\$ 36.59	\$ 207.83	sq.m	5.68	\$ 28.84	\$ 163.81	
5	COLUMN 3 15/15									
5.1	Reinforced concrete of 150mm x 150mm column (C3), 24 Mpa (D12mm x Ø8mm)									
-	Concreate FC = 24 Mpa	Cu.m	1.60	\$ 169.49	\$ 271.31	Cu.m	1.60	\$ 159.55	\$ 255.40	
-	Reinforcement Steel	Kg	259.78	\$ 1.45	\$ 375.91	Kg	259.78	\$ 1.66	\$ 430.98	
-	FormWork	sq.m	42.69	\$ 36.59	\$ 1,561.90	sq.m	42.69	\$ 28.84	\$ 1,231.08	
6	COLUMN 4 10/10									
6.1	Reinforced concrete of 100mm x 100mm column (C4), 24 Mpa (D12mm x Ø8mm)									
-	Concreate FC = 24 Mpa	Cu.m	0.56	\$ 169.49	\$ 94.77	Cu.m	0.56	\$ 159.55	\$ 89.21	
-	Reinforcement Steel	Kg	107.90	\$ 1.45	\$ 156.13	Kg	107.90	\$ 1.66	\$ 179.00	
-	FormWork	sq.m	9.94	\$ 36.59	\$ 363.70	sq.m	9.94	\$ 28.84	\$ 286.67	
7	TOP BEAM I 15/20									
7.1	Reinforced concrete of 150mm x 200mm Roof Beam (B1), 24 Mpa (D12mm x Ø8mm)									



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY
 LOCATION : AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANT ITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
-	Concrete FC = 24 Mpa	Cu.m	1.99	\$ 169.49	\$ 337.14	Cu.m	1.99	\$ 159.55	\$ 317.36
-	Reinforcement Steel	Kg	287.48	\$ 1.45	\$ 415.98	Kg	287.48	\$ 1.66	\$ 476.92
-	FormWork	sq.m	22.41	\$ 44.97	\$ 1,007.63	sq.m	22.41	\$ 28.84	\$ 646.21
8	TOP BEAM 2 10/20								
8.1	Reinforced concrete of 100mm x 200mm Roof Beam (B2), 24 Mpa (D12mm x Ø8mm)								
-	Concrete FC = 24 Mpa	Cu.m	0.33	\$ 169.49	\$ 55.49	Cu.m	0.33	\$ 159.55	\$ 52.24
-	Reinforcement Steel	Kg	79.70	\$ 1.45	\$ 115.33	Kg	79.70	\$ 1.66	\$ 132.22
-	FormWork	sq.m	6.55	\$ 44.97	\$ 294.46	sq.m	6.55	\$ 28.84	\$ 188.84
9	LITTLE BEAM 10/15								
9.1	Reinforced concrete of 100mm x 150mm Little Beam, 24 Mpa (D10mm x Ø8mm)								
-	Concrete FC = 24 Mpa	Cu.m	0.39	\$ 169.49	\$ 66.69	Cu.m	0.39	\$ 159.55	\$ 62.77
-	Reinforcement Steel	Kg	92.36	\$ 1.45	\$ 133.65	Kg	92.36	\$ 1.66	\$ 153.23
-	FormWork	sq.m	5.25	\$ 44.97	\$ 235.91	sq.m	5.25	\$ 28.84	\$ 151.29
10	Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	64.53	\$ 3.50	\$ 225.87	sq.m	64.53	\$ 1.40	\$ 90.35
11	Wiremesh under floor Ø8 - N 150 mm	Kg	440.29	\$ 1.45	\$ 637.10	Kg	440.29	\$ 1.66	\$ 730.45
12	Concrete Floor 24 Mpa, t = 100 mm	Cu.m	25.17	\$ 169.49	\$ 4,266.69	Cu.m	25.17	\$ 159.55	\$ 4,016.46
	Sub Total				\$ 12,372.42				\$ 11,159.00
IV	WALL INSTALLATION AND PLASTERING								
1	Wall concrete block Hollow Thickness 20mm (40 x 15 x 20), 1Pc : 4 ps grade A1 & all necessary work	sq.m	152.46	\$ 41.55	\$ 6,334.88	sq.m	152.46	\$ 37.60	\$ 5,732.65
2	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	304.93	\$ 5.98	\$ 1,823.47	Sq.m	304.93	\$ 5.46	\$ 1,664.91
3	Finishing with cement mortar	Sq.m	304.93	\$ 3.21	\$ 978.82	Sq.m	304.93	\$ 3.30	\$ 1,006.26
	Sub Total				\$ 9,137.17				\$ 8,403.82
V	STAIRS WORKS								
1	Excavation	Cu.m	0.68	\$ 5.14	\$ 3.51	Cu.m	0.68	\$ 5.14	\$ 3.51
2	Stone Masonry 1Ps : 3Sd	Cu.m	8.59	\$ 140.45	\$ 1,207.12	Cu.m	8.59	\$ 78.10	\$ 671.24
3	Plastering (1Pc : 4 Sand), thickness 20 mm	Sq.m	7.67	\$ 7.59	\$ 58.20	Sq.m	7.67	\$ 5.38	\$ 41.25
	Sub Total				\$ 1,268.83				\$ 716.00
VI	DOORS & WINDOWS WORKS								
1	Supply and Installation of Door Wooden Frame With Leaf Type D01 2450mm x 1000mm, including all accessories & finishing/Pintu kayu	Unit	4.00	\$ 485.00	\$ 1,940.00	Unit	4.00	\$ 295.00	\$ 1,180.00
2	Supply and installation Aluminium Frame with Leaf aluminium for toiletType D02 2450 mm x 900 mm, including all accessories & finishing	Unit	2.00	\$ 465.00	\$ 930.00	Unit	2.00	\$ 285.00	\$ 570.00
3	Supply & Install Window frame With Nako Glass Type W01 1730 mm x 1850 mm including all accessories	Unit	1.00	\$ 450.00	\$ 450.00	Unit	1.00	\$ 434.13	\$ 434.13
4	Supply & Install Window Aluminium frame With Nako Glass Type W02 1730 mm x 1250 mm including all accessories	Unit	4.00	\$ 400.00	\$ 1,600.00	Unit	4.00	\$ 302.00	\$ 1,208.00
5	Supply & Install Window Aluminium frame With Nako Glass Type W03 1450 mm x 650 mm including all accessories,	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 140.50	\$ 281.00
6	Supply & Installation of Window Steel frame With Nako Glass Type W04 1482 mm x 1250 mm including all accessories,	Unit	1.00	\$ 350.00	\$ 350.00	Unit	2	300	\$ 600.00
7	Supply & Install Ventilation Aluminium frame With Fixed Glass type V01 400 mm x 700 mm including all accessories	Unit	2.00	\$ 85.00	\$ 170.00	Unit	2.00	\$ 48.60	\$ 97.20
	Sub Total				\$ 6,040.00				\$ 4,370.33
VII	ROOFING WORKS								
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	1581.12	\$ 2.78	\$ 4,395.52	kg	1581.12	\$ 3.73	\$ 5,897.58
2	Supply & Install Steel Purling V 35 x 45 x 0.75 mm	kg	706.28	\$ 2.78	\$ 1,963.44	kg	706.28	\$ 3.73	\$ 2,634.41
3	Supply & Install Roof Mesh	Sq.m	115.78	\$ 4.05	\$ 468.85	Sq.m	115.78	\$ 3.89	\$ 450.50
4	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	115.78	\$ 5.04	\$ 583.00	Sq.m	115.78	\$ 2.92	\$ 337.83
5	Supply & install G550 AZ 150, 0.42 BMT x 940 mm thickness (mm) 0.42 BMT Colorbond and Zincalum steel and screws with all necessary works	Sq.m	115.78	\$ 14.31	\$ 1,656.83	Sq.m	115.78	\$ 18.46	\$ 2,137.32
6	Supply & install Ridge Capping thickness 0.42 mm	m'	10.75	\$ 14.31	\$ 153.83	m'	10.75	\$ 14.26	\$ 153.30
7	Supply & install HD Plate 6mm	Unit	22.00	\$ 18.00	\$ 396.00	Unit	22.00	\$ 8.66	\$ 190.58



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY
 LOCATION : AILEU VILA, HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
8	Supply and Installation of listplank around the roof	m'	21.50	\$ 14.31	\$ 307.67	m'	21.50	\$ 14.26	\$ 306.59
	Sub Total				\$ 9,925.14				\$ 12,108.10
VIII	CEILING WORKS								
1	Supply & Install Steel Ceiling joist Channel C 75 x 35 x 1.0mm	kg	284.59	\$ 2.78	\$ 791.16	kg	284.59	\$ 3.73	\$ 1,061.52
2	Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.75 mm	kg	137.05	\$ 2.78	\$ 380.99	kg	137.05	\$ 3.73	\$ 511.18
3	Supply & Install Ceiling Calciboard 6 mm	sq.m	96.81	\$ 13.34	\$ 1,291.42	sq.m	96.81	\$ 12.82	\$ 1,241.08
4	Supply & Install Ceiling cornice 5 cm	m'	117.41	\$ 13.34	\$ 1,566.29	m'	117.41	\$ 3.60	\$ 422.69
	Sub Total				\$ 4,029.86				\$ 3,236.47
IX	TILE WORKS								
1	Supply & install tile 400mm x 400mm (White Colors) simillar approval by Engineer	Sq.m	56.71	\$ 21.04	\$ 1,193.10	Sq.m	56.71	\$ 22.84	\$ 1,295.17
2	Supply & install Rough Floor Tiles 200mm x 200mm, of colour Grey tile antislip for toilet, simillar approval by Engineer	Sq.m	7.13	\$ 22.09	\$ 157.43	Sq.m	7.13	\$ 21.89	\$ 156.00
3	Supply & install Wall Tile 200mm x 200 mm, of colour Grey tile wall 2 M for toilet, simillar approval by Engineer	Sq.m	35.34	\$ 0.65	\$ 22.97	Sq.m	35.34	\$ 22.66	\$ 800.80
4	Supply & install Ceramic Tile table+ Benz Ceramic 200mm x 200mm	Sq.m	8.42	\$ 22.09	\$ 186.07	Sq.m	8.42	\$ 21.89	\$ 184.38
5	Supply & install Skirting 100mm x 400mm	m'	56.86	\$ 6.44	\$ 366.20	m'	56.86	\$ 6.44	\$ 366.20
	Sub Total				\$ 1,925.77				\$ 2,802.56
X	ELECTRICAL WORKS								
1	Supply & install Distribution Panel board + all accessories (Inc. fee Connect to Health Post) 12 Group	Ls	1.00	\$ 350.00	\$ 350.00	Ls	1.00	\$ 346.79	\$ 346.79
2	Supply & install Lighting Phillips F1 TL 2x36W + Accessories	Unit	7.00	\$ 52.00	\$ 364.00	Unit	7.00	\$ 63.18	\$ 442.26
3	Supply & install Lighting Phillips Downlight 24 watt	Unit	17.00	\$ 21.88	\$ 371.96	Unit	17.00	\$ 18.55	\$ 315.35
4	Supply & install Power outlet for AC + all Accessories	Unit	2.00	\$ 8.50	\$ 17.00	Unit	2.00	\$ 8.82	\$ 17.65
5	Supply & install Power outlet +all Accessories	Unit	12.00	\$ 8.50	\$ 102.00	Unit	12.00	\$ 8.82	\$ 105.89
6	Supply & install Cable Nym 3 x 2,5mm SNI Standardt + all Accessories	m'	63.00	\$ 6.30	\$ 396.90	m'	63.00	\$ 3.71	\$ 233.73
7	Supply & install Cable Nym 3 x 1,5mm SNI Standardt + all Accessories	m'	70.00	\$ 6.30	\$ 441.00	m'	70.00	\$ 3.71	\$ 259.70
9	Supply & install Single switch + all Accessories	Unit	7.00	\$ 6.50	\$ 45.50	Unit	7.00	\$ 5.94	\$ 41.56
10	Supply & install Double switch + all Accessories	Unit	1.00	\$ 7.50	\$ 7.50	Unit	1.00	\$ 6.46	\$ 6.46
11	Supply & install Ceiling fan panasonic 75 Watt + all Accessories	Unit	2.00	\$ 85.00	\$ 170.00	Unit	2.00	\$ 85.00	\$ 170.00
12	Supply & Install Exhausting fan 15 Watt + all Accessories	Unit	4.00	\$ 55.00	\$ 220.00	Unit	4.00	\$ 42.18	\$ 168.72
13	Supply & Install Air Conditioner (AC) 1 PK merk Panasonic	Unit	2.00	\$ 380.00	\$ 760.00	Unit	2.00	\$ 567.28	\$ 1,134.56
	Sub Total				\$ 3,245.86				\$ 3,242.66
XI	SANITATION WORKS								
1	Supply & install Water Closet merk TOTO+ all Accessories	Unit	3.00	\$ 242.71	\$ 728.13	Unit	3.00	\$ 242.71	\$ 728.13
2	Supply & Install Standard Hand Basin (inc. Valve and accessories)	Unit	3.00	\$ 167.46	\$ 502.38	Unit	3.00	\$ 167.46	\$ 502.38
3	Single Stainless Zink (SK)	Unit	1.00	\$ 40.31	\$ 40.31	Unit	1.00	\$ 40.31	\$ 40.31
4	Supply & install Hose Cook (inc.Valve and Accessories)	Unit	3.00	\$ 26.46	\$ 79.38	Unit	3.00	\$ 26.46	\$ 79.38
5	Supply & install fiber Water Box	Unit	2.00	\$ 185.97	\$ 371.94	Unit	2.00	\$ 185.97	\$ 371.94
6	Supply & install Toilet Roll Holder	Unit	3.00	\$ 10.80	\$ 32.40	Unit	3.00	\$ 10.80	\$ 32.40
7	Supply & install Toilet Floor drain	Unit	2.00	\$ 5.41	\$ 10.82	Unit	2.00	\$ 5.41	\$ 10.82
	I.Septic tank Works								
1	Excavation Earth Foundation	Cu.m	25.32	\$ 5.14	\$ 130.14	Cu.m	25.32	\$ 5.14	\$ 130.14
2	Sand Bedding	Cu.m	1.37	\$ 8.61	\$ 11.79	Cu.m	1.37	\$ 8.29	\$ 11.35
3	Back Filling	Cu.m	6.50	\$ 1.70	\$ 11.05	Cu.m	6.50	\$ 1.70	\$ 11.05
4	Anstamping	Cu.m	1.71	\$ 80.12	\$ 137.11	Cu.m	1.71	\$ 80.12	\$ 137.11
5	Compacted Fill	Cu.m	7.80	\$ 4.20	\$ 32.76	Cu.m	7.80	\$ 4.20	\$ 32.76
5	Concrete for Box Control 14.5 Mpa	Cu.m	0.30	\$ 161.16	\$ 48.35	Cu.m	0.30	\$ 149.36	\$ 44.81
6	Reinforced concrete plat cover for Septick , 14.5 Mpa								
-	Concrete FC = 14.5 Mpa	Cu.m	1.84	\$ 161.16	\$ 295.73	Cu.m	1.84	\$ 149.36	\$ 274.08
-	Reinforcement Steel	Kg	117.72	\$ 1.45	\$ 170.33	Kg	117.72	\$ 1.66	\$ 195.29
-	FormWork	sq.m	8.60	\$ 80.00	\$ 688.20	sq.m	8.60	\$ 28.84	\$ 248.10
7	COLUMN 15/15								
7.1	Install 1Pc : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 24 Mpa (Ø10mm x Ø12mm)								
-	Concrete FC = 14.5 Mpa	Cu.m	0.34	\$ 161.16	\$ 54.39	Cu.m	0.34	\$ 149.36	\$ 50.41
-	Reinforcement Steel	Kg	83.65	\$ 26.78	\$ 2,240.15	Kg	83.65	\$ 1.66	\$ 138.78
-	FormWork	sq.m	4.50	\$ 36.59	\$ 164.66	sq.m	4.50	\$ 28.84	\$ 129.78
8	Wall for septick 40x20x10 cm	Sq.m	39.39	\$ 15.25	\$ 600.62	Sq.m	39.39	\$ 13.80	\$ 543.51



AGENCIA DE DESENVOLVIMENTO NACIONAL I.P.

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY
 LOCATION :AILEU VILA,NOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
9	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	39.39	\$ 5.98	\$ 235.52	Sq.m	39.39	\$ 5.46	\$ 215.04
10	Piping with all accessories	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00
I. PIPING WORKS AND ACCESSORIES									
1	Supply & install diameter Pipe for 1/2 " for clean water pipe sistem	m'	29.00	\$ 2.53	\$ 73.37	m'	29.00	\$ 2.11	\$ 61.19
2	Supply & install diameter Pipe for 3/4 " for clean water pipe sistem	m'	29.00	\$ 2.98	\$ 86.42	m'	29.00	\$ 2.96	\$ 85.84
3	Supply & install diameter Pipe 1" for Waste water pipe sistem	m'	5.50	\$ 2.98	\$ 16.39	m'	5.50	\$ 7.75	\$ 42.63
4	Supply & install diameter Pipe 2" for Waste water pipe sistem	m'	11.00	\$ 9.40	\$ 103.40	m'	11.00	\$ 10.29	\$ 113.19
5	Supply & install diameter Pipe 4" for Waste water pipe sistem	m'	8.50	\$ 12.38	\$ 105.24	m'	8.50	\$ 17.62	\$ 149.77
6	Supply & install Valve gate valve and Fittings	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 150.00	\$ 150.00
		Sub Total			\$ 7,170.97				\$ 4,630.17
XII PAINTING WORKS									
1	Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penutup)Color coordinate with site engineer for aproval	Sq.m	304.93	\$ 3.34	\$ 1,018.46	Sq.m	304.93	\$ 3.46	\$ 1,055.05
2	Ceiling painting Color simillar aproval by Engineer	Sq.m	96.81	\$ 3.26	\$ 315.60	Sq.m	96.81	\$ 3.38	\$ 327.21
		Sub Total			\$ 1,334.05				\$ 1,382.26
XIII FURNITURE									
1	Supply and Install wood beds (Coordinate with Site Engineer for Approval)	Unit	2.00	\$ 550.00	\$ 1,100.00	Unit	2.00	\$ 550.00	\$ 1,100.00
2	Supply and Install Spring bed (Dimension of Spring bed 200 x 160 x 300mm)	Unit	2.00	\$ 215.00	\$ 430.00	Unit	2.00	\$ 215.00	\$ 430.00
3	Supply and Install Bed Cover	Unit	2.00	\$ 25.00	\$ 50.00	Unit	2.00	\$ 25.00	\$ 50.00
4	Supply Pillow + Cover pillow	Unit	4.00	\$ 15.00	\$ 60.00	Unit	4.00	\$ 15.00	\$ 60.00
5	Supply and Install Sofa	set	1.00	\$ 350.00	\$ 350.00	set	1.00	\$ 350.00	\$ 350.00
6	Supply and Install dining table + chair (woods table chairs be selected by site engineer)	set	1.00	\$ 350.00	\$ 350.00	set	1.00	\$ 350.00	\$ 350.00
7	Supply and Install wardrobe + (selected by site engineer)	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 300.00	\$ 600.00
8	Supply Refrigerator Sharp SJ-X187MG-DB Single door	Unit	1.00	\$ 263.20	\$ 263.20	Unit	1.00	\$ 263.20	\$ 263.20
9	Supply dish rack (rak piring)	Unit	1.00	\$ 60.00	\$ 60.00	Unit	1.00	\$ 60.00	\$ 60.00
10	Supply Electric stove (kompor Listrik + Tacu)	Unit	1.00	\$ 130.00	\$ 130.00	Unit	1.00	\$ 130.00	\$ 130.00
11	Supply "KIRIN RICE COOKER 2.0 LITER KRC-289 Hard Anodized	Unit	1.00	\$ 70.00	\$ 70.00	Unit	1.00	\$ 70.00	\$ 70.00
12	Supply and Install Curtain rail + Curtain windows W01	Unit	1.00	\$ 42.50	\$ 42.50	Unit	1.00	\$ 42.50	\$ 42.50
13	Supply and Install Curtain rail + Curtain windows W02	Unit	4.00	\$ 25.50	\$ 102.00	Unit	4.00	\$ 25.50	\$ 102.00
14	Supply and Install Curtain rail + Curtain windows W03	Unit	2.00	\$ 17.00	\$ 34.00	Unit	2.00	\$ 17.00	\$ 34.00
15	Supply and Install Curtain rail + Curtain windows W03	Unit	2.00	\$ 17.00	\$ 34.00	Unit	2.00	\$ 17.00	\$ 34.00
16	Provide home supplies such as: brooms, mops, carpets, Small Trash Bin	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00
					\$ 3,775.70				\$ 3,775.70
					\$ 65,171.30				\$ 59,327.71
					\$ 130,342.60				\$ 118,655.41



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - T. P.

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY
 LOCATION : AILEU VILA, HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
			PROPOSED BY OWNER				VERIFIED BY AND			
NO	CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
FENCE										
I	CUT AND FILL WORK					418.20				268.16
	1	Cut Area	Cu.m	5.59	\$ 5.91	\$ 33.01	Cu.m	5.59	\$ 5.91	\$ 33.01
	2	fill Area	Cu.m	34.89	\$ 6.00	\$ 209.34	Cu.m	34.89	\$ 1.70	\$ 59.31
	3	Compacted Fill	Cu.m	41.87	\$ 4.20	\$ 175.85	Cu.m	41.87	\$ 4.20	\$ 175.83
II	EARTH / FONDATION WORKS					\$ 14,709.92				\$ 8,625.03
	1	Excavation Earth	Cu.m	121.12	\$ 5.14	\$ 622.56	Cu.m	121.12	\$ 5.14	\$ 622.56
	2	Urugan Kembali (Back Fill)	Cu.m	49.72	\$ 1.70	\$ 84.52	Cu.m	49.72	\$ 1.70	\$ 84.52
	3	Compacted Fill	Cu.m	59.66	\$ 4.20	\$ 250.60	Cu.m	59.66	\$ 4.20	\$ 250.57
	4	Sand Banding	Cu.m	5.76	\$ 8.61	\$ 49.59	Cu.m	5.76	\$ 8.29	\$ 47.75
	5	Stone Mansonry 1Pc : 3Ps	Cu.m	97.56	\$ 140.45	\$ 13,702.65	Cu.m	97.56	\$ 78.10	\$ 7,619.63
III	CONCRETE WORKS					\$ 14,385.95				\$ 13,428.21
	1	Column 30/30								
	Reinforced concrete of Column 300mm x 300mm , 24 Mpa (D12mm x Ø8mm)									
		Concrete FC = 24 Mpa	Cu.m	17.86	\$ 169.49	\$ 3,026.46	Cu.m	17.86	\$ 159.55	\$ 2,848.97
		Reinforcement Steel	Kg	1879.69	\$ 1.45	\$ 2,719.91	Kg	1879.69	\$ 1.66	\$ 3,118.41
		FormWork	Sq.m	59.55	\$ 36.59	\$ 2,178.93	Sq.m	59.55	\$ 28.84	\$ 1,717.42
	2	Ground Beam 25/20								
	Reinforced concrete of Ground Beam 250mm x 200 24 Mpa(D12mm x Ø8mm)									
		Concrete FC = 24 Mpa	Cu.m	7.20	\$ 169.49	\$ 1,220.33	Cu.m	7.20	\$ 159.55	\$ 1,148.76
		Reinforcement Steel	Kg	776.93	\$ 1.45	\$ 1,124.21	Kg	776.93	\$ 1.66	\$ 1,288.92
		FormWork	Sq.m	36.00	\$ 26.78	\$ 964.08	Sq.m	36.00	\$ 17.54	\$ 631.44
	3	Top Beam 15/15								
	Reinforced concrete of Top Beam 150 mm x 150mm, 24 Mpa(D12mm x Ø8mm)									
		Concrete FC = 24 Mpa	Cu.m	3.24	\$ 169.49	\$ 549.15	Cu.m	3.24	\$ 159.55	\$ 516.94
		Reinforcement Steel	Kg	701.09	\$ 1.45	\$ 1,014.47	Kg	701.09	\$ 1.66	\$ 1,163.10
		FormWork	Sq.m	21.60	\$ 44.97	\$ 971.35	Sq.m	21.60	\$ 17.54	\$ 378.86
	4	Concrete Slab Entrance & Exit + Cover Steel Struktur Thickness 150 mm								
		Concrete FC = 24 Mpa	Cu.m	2.36	\$ 169.49	\$ 400.00	Cu.m	2.36	\$ 159.55	\$ 376.54
		Reinforcement Steel	Kg	118.46	\$ 1.45	\$ 171.42	Kg	118.46	\$ 1.66	\$ 196.53
		FormWork	Sq.m	0.36	\$ 26.78	\$ 9.64	Sq.m	0.36	\$ 17.54	\$ 6.31
	5	Supply and install Angkur	Pcs	12.00	\$ 3.00	\$ 36.00	Pcs	12.00	\$ 3.00	\$ 36.00
IV	WALL WORKS					\$ 9,927.00				\$ 9,226.85
	1	Wall concrete block 40x20x10 cm , 1Pc : 4 ps grade A1 & all necessary works	Sq.m	300.80	\$ 15.25	\$ 4,587.20	Sq.m	300.80	\$ 13.80	\$ 4,151.04
	2	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	601.60	\$ 5.98	\$ 3,597.57	Sq.m	601.60	\$ 5.46	\$ 3,284.74
	3	Finishing with cement mortar	Sq.m	542.75	\$ 3.21	\$ 1,742.23	Sq.m	542.75	\$ 3.30	\$ 1,791.08
V	STEEL WORKS					\$ 12,602.62				\$ 8,700.33
	1	Supply and Install Hollow Struktur 80x80x2mm For Gate and Fence	Kg	725.40	\$ 5.31	\$ 3,851.85	Kg	725.40	\$ 3.65	\$ 2,647.69
	2	Supply and Install Hollow 30x30x2mm	Kg	1586.74	\$ 5.31	\$ 8,425.59	Kg	1586.74	\$ 3.65	\$ 5,791.60
	3	Supply and Install Angle Iron besi Siku 30x30x3mm	Kg	38.64	\$ 5.31	\$ 205.18	Kg	38.64	\$ 3.65	\$ 141.04
	4	Supply and install Fence Wheel	Unit	12.00	\$ 10.00	\$ 120.00	Unit	12.00	\$ 10.00	\$ 120.00
V	NEW PAVING WORK					\$ 11,605.76				\$ 2,258.68
	1	Supply and Instal Paving block 270 x 125 x 80mm	Sq.m	444.00	\$ 25.44	\$ 11,295.36		111.31	\$ 19.62	\$ 2,183.80
	2	Supply and Instal Kerb stone 40 x 10 x 20 mm	M1	22.36	\$ 13.88	\$ 310.40		6.00	\$ 12.48	\$ 74.88
VI	LANDSCAPING WORK					\$ 850.00				\$ 420.00
	1	Supply and Instal soil black for planting flowers	ls	1.00	\$ 150.00	\$ 150.00		1.00	\$ 120.00	\$ 120.00
	2	Supply & planting Wodyetia Bifurcata (Palem Tupai)	unit	5.00	\$ 85.00	\$ 425.00		5.00	\$ 30.00	\$ 150.00



AGENCIAS DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH
PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY
LOCATION :AILEU VILA,HOHOLAU AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
			PROPOSED BY OWNER				VERIFIED BY AND			
NO	CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
FENCE										
	3	Supply & planting flowers sisygium Oleia (Pucuk Merah) coordinate with site engineers for approval	unit	5.00	\$ 50.00	\$ 250.00		5.00	\$ 25.00	\$ 125.00
	4	supply & install nine clock flowers (Bunga Pukul)	ls	1.00	\$ 25.00	\$ 25.00		1.00	\$ 25.00	\$ 25.00
VI	PAINTING WORKS					\$ 2,759.34				\$ 2,831.53
	1	Painting Steel Hollow (Stainless Steel Paint) Two Layers paint Propose to use "dempul" with SAN-POLAC or similar, before finishing with the steel painting	ls	1.00	\$ 750.00	\$ 750.00	ls	1.00	\$ 750.00	\$ 750.00
	2	Wall Painting	Sq.m	601.60	\$ 3.34	\$ 2,009.34	Sq.m	601.60	\$ 3.46	\$ 2,081.53
	GRAND TOTAL CONSTRUCTION					\$ 67,258.78				\$ 45,758.79



AGENCE DE DÉVELOPPEMENT NATIONAL

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

No	Item Description	PROPOSED BY OWNER				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
G	Overhead								
1	Site Engineer	Ls	1.00	\$ 1,500.00	\$ 1,500.00	Ls	1.00	\$ 1,800.00	\$ 1,800.00
2	Progress Report,Photographs and as built drawing	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 300.00	\$ 300.00
3	Security (for 1 person)	Ls	1.00	\$ 1,800.00	\$ 1,800.00	Ls	1.00	\$ 900.00	\$ 900.00
4	Protective Clothing and first aid equipment	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
5	Water supply for works	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 250.00	\$ 250.00
6	Electrical supply power and lighting	Ls	1.00	\$ 500.00	\$ 500.00	Ls	1.00	\$ 250.00	\$ 250.00
7	Material sampling and testing	Ls	1.00	\$ 1,650.00	\$ 1,650.00	Ls	1.00	\$ 500.00	\$ 500.00
Total				\$ 6,600.00					\$ 4,150.00



AGENCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION											
				PROPOSED BY OWNER			VERIFIED BY AND				
NO	CODE	DESCRIPTION		UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)
A. HEALTH POST											
I	PREPARATION WORKS						\$ 6,155.91				\$ 8,808.98
1	Mobilization and Demobilization		Ls	1.00	\$ 3,500.00	\$ 3,500.00		Ls	1.00	\$ 3,500.00	\$ 3,500.00
2	Project sing board		Unit	1.00	\$ 79.26	\$ 79.26		Unit	1.00	\$ 75.70	\$ 75.70
3	Site Cleaning and Levelling		sq.m	318.99	\$ 1.40	\$ 446.59		sq.m	318.99	\$ 1.40	\$ 446.59
4	Bowplank / frame work		m'	206.97	\$ 7.39	\$ 1,530.06		m'	206.97	\$ 9.55	\$ 1,976.53
5	Site Office 3 m x 3 m		LS	1.00	\$ 250.00	\$ 250.00		m2	9.00	\$ 117.09	\$ 1,053.81
6	Material Storage 3 m x 5 m		LS	1.00	\$ 350.00	\$ 350.00		m2	15.00	\$ 117.09	\$ 1,756.35
II	DEMOLISH WORK						\$ 500.00				\$ 500.00
1	demolish existing Health Post		unit	1.00	\$ 250.00	\$ 250.00		unit	1.00	250.00	\$ 250.00
2	Demolish the Health Post Residence		unit	1.00	\$ 250.00	\$ 250.00		unit	1.00	250.00	\$ 250.00
III	FUNDATION WORKS						\$ 10,973.59				\$ 6,500.96
1	Excavation Earth Foundation		Cu.m	85.01	\$ 5.14	\$ 436.96		Cu.m	85.01	\$ 5.14	\$ 436.96
2	Sand Bedding under foundation Thinkness 50mm		Cu.m	8.39	\$ 8.61	\$ 72.26		Cu.m	8.39	\$ 8.29	\$ 69.57
3	Stone Masonry 1 pc : 3 ps		Cu.m	71.69	\$ 140.45	\$ 10,069.02		Cu.m	71.69	\$ 78.10	\$ 5,599.08
4	Back Filling sides of foundation		Cu.m	58.66	\$ 1.70	\$ 99.72		Cu.m	58.66	\$ 1.70	\$ 99.72
5	Compacted Foundation Fill		Cu.m	70.39	\$ 4.20	\$ 295.63		Cu.m	70.39	\$ 4.20	\$ 295.63
IV	CONCRETE WORKS						\$ 24,797.82				\$ 23,164.02
1	FOOTING FONDATION										
1.1	Reinforced concrete of Foundation 24 Mpa(D12mm x Ø10mm)										
-	Concreate FC = 24 Mpa		Cu.m	1.81	\$ 169.49	\$ 307.21		Cu.m	1.81	\$ 159.55	\$ 289.19
-	Reinforcement Steel		Kg	306.24	\$ 1.45	\$ 443.13		Kg	306.24	\$ 1.66	\$ 508.05
-	FormWork		sq.m	14.50	\$ 18.03	\$ 261.44		sq.m	14.50	\$ 17.54	\$ 254.33
2	GROUND BEAM B1 30/20										
2.1	Reinforced concrete of Sloof 300mm x 200mm sloof, 24 Mpa(D12mm x Ø8mm)										
-	Concreate FC = 24 Mpa		Cu.m	7.94	\$ 169.49	\$ 1,345.41		Cu.m	7.94	\$ 159.55	\$ 1,266.51
-	Reinforcement Steel		Kg	1012.10	\$ 1.45	\$ 1,464.50		Kg	1012.10	\$ 1.66	\$ 1,679.07
-	FormWork		sq.m	79.38	\$ 26.78	\$ 2,125.80		sq.m	79.38	\$ 28.84	\$ 2,289.32
3	GROUND BEAM B2 30/15										
3.1	Reinforced concrete of Sloof 300mm x 150mm sloof, 24 Mpa(Ø12mm x Ø8mm)										
-	Concreate FC = 24 Mpa		Cu.m	1.02	\$ 169.49	\$ 173.52		Cu.m	1.02	\$ 159.55	\$ 163.34
-	Reinforcement Steel		Kg	104.07	\$ 1.45	\$ 150.59		Kg	104.07	\$ 1.66	\$ 172.66
-	FormWork		sq.m	13.65	\$ 26.78	\$ 365.55		sq.m	13.65	\$ 28.84	\$ 393.67
4	TOP BEAM B3 20/20										
4.1	Reinforced concrete of Sloof 250mm x 200mm sloof, 24 Mpa(Ø12mm x Ø8mm)										
-	Concreate FC = 24 Mpa		Cu.m	5.29	\$ 169.49	\$ 896.94		Cu.m	5.29	\$ 159.55	\$ 844.34
-	Reinforcement Steel		Kg	744.41	\$ 1.45	\$ 1,077.16		Kg	744.41	\$ 1.66	\$ 1,234.97
-	FormWork		sq.m	52.92	\$ 44.97	\$ 2,379.81		sq.m	52.92	\$ 28.84	\$ 1,526.21
5	TOP BEAM B4 20/15										
5.1	Reinforced concrete of Sloof 250mm x 200mm sloof, 24 Mpa(Ø12mm x Ø8mm)										
-	Concreate FC = 24 Mpa		Cu.m	0.85	\$ 169.49	\$ 144.60		Cu.m	0.85	\$ 159.55	\$ 136.12
-	Reinforcement Steel		Kg	122.02	\$ 1.45	\$ 176.56		Kg	122.02	\$ 1.66	\$ 202.42
-	FormWork		sq.m	9.10	\$ 44.97	\$ 409.23		sq.m	9.10	\$ 28.84	\$ 262.44
6	COLUMN C1 20/20										



AGENCIA DE DESENVOLVIMENTO NACIONAL - I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
NO	CODE	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
			UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)
A. HEALTH POST										
6.1		Reinforced concrete of Sloof 150mm x 150mm sloof, 24 Mpa(Ø12mm x Ø10mm)								
-		Concreate FC = 24 Mpa	Cu.m	4.89	\$ 169.49	\$ 829.49	Cu.m	4.89	\$ 159.55	\$ 780.84
-		Reinforcement Steel	Kg	871.55	\$ 1.45	\$ 1,261.13	Kg	871.55	\$ 1.66	\$ 1,445.90
-		FormWork	sq.m	97.88	\$ 36.59	\$ 3,581.46	sq.m	97.88	\$ 28.84	\$ 2,822.88
7		COLUMN C2 15/15								
7.1		Reinforced concrete of Sloof 150mm x 150mm sloof, 24 Mpa(Ø12mm x Ø10mm)								
-		Concreate FC = 24 Mpa	Cu.m	0.86	\$ 169.49	\$ 145.68	Cu.m	0.86	\$ 159.55	\$ 137.13
-		Reinforcement Steel	Kg	184.76	\$ 1.45	\$ 267.35	Kg	184.76	\$ 1.66	\$ 306.52
-		FormWork	sq.m	22.92	\$ 36.59	\$ 838.64	sq.m	22.92	\$ 28.84	\$ 661.01
8		LINTLE BEAM FOR TOP ROOFING 10/10								
8.1		Reinforced concrete of Sloof 100mm x 100mm sloof, 24 Mpa(Ø12mm x Ø10mm)								
-		Concreate FC = 24 Mpa	Cu.m	0.42	\$ 169.49	\$ 70.93	Cu.m	0.42	\$ 159.55	\$ 66.77
-		Reinforcement Steel	Kg	95.46	\$ 1.45	\$ 138.13	Kg	95.46	\$ 1.66	\$ 158.37
-		FormWork	sq.m	3.55	\$ 36.59	\$ 129.72	sq.m	3.55	\$ 28.84	\$ 102.24
9		CONCRETE ROOFING PLATE for ENSINERATOR								
9.1		Install 1Pc : 2Sd : 3 Ag reinforced concrete Plate, 14.5 Mpa	Cu.m	0.19	\$ 161.16	\$ 31.19	Cu.m	0.19	\$ 149.36	\$ 28.91
10		Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	198.92	\$ 3.50	\$ 696.21	sq.m	198.92	\$ 1.40	\$ 278.48
11		Wiremesh under floor Ø 8 - N 150 mm	Kg	1099.94	\$ 1.45	\$ 1,591.62	Kg	1099.94	\$ 1.66	\$ 1,824.81
12		Concrete Floor , 24 Mpa	Cu.m	18.73	\$ 169.49	\$ 3,174.83	Cu.m	18.73	\$ 159.55	\$ 2,988.63
13		Ramp for Acces Disability	Cu.m	0.60	\$ 533.38	\$ 320.03	Cu.m	0.60	\$ 564.81	\$ 338.89
V		WALL INSTALLATION AND PLESTERING				\$ 20,267.34				\$ 23,866.47
1		Wall concrete block (39x19x19), 1Pc : 4 ps grade A1 & all necessary works	Sq.m	396.08	\$ 25.50	\$ 10,099.99	Sq.m	396.08	\$ 37.60	\$ 14,892.53
2		Wall concrete block (40 x10 x 20), 1PC : Ps Grade A1 & all necessary	Sq.m	48.18	\$ 41.55	\$ 2,001.88	Sq.m	48.18	\$ 24.71	\$ 1,190.53
3		Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	888.52	\$ 5.98	\$ 5,313.33	Sq.m	888.52	\$ 5.46	\$ 4,851.30
4		Finishing with cement mortar	Sq.m	888.52	\$ 3.21	\$ 2,852.14	Sq.m	888.52	\$ 3.30	\$ 2,932.11
VI		DOORS & WINDOWS WORKS				\$ 10,054.00				\$ 11,361.17
1		Supply and Installation of Glass Door Type D01,2400mm x 1680mm including all assessories & finishing/Pintu Panel Aluminium	Each	1	\$ 650.00	\$ 650.00	Each	1.00	\$ 601.20	\$ 601.20
2		Supply and installation of Door Type D02 2400mm x 1000mm', including all assessories & finishing	Each	8	\$ 385.00	\$ 3,080.00	Each	8.00	\$ 370.00	\$ 2,960.00
3		Supply and installation Sliding Door Type D03 2000mm x700mm ', including all assessories & finishing	Each	4	\$ 225.00	\$ 900.00	Each	4.00	\$ 268.00	\$ 1,072.00
4		Supply and installation Sliding Door Type D03 2000mm x1000mm ', including all assessories & finishing	Each	1	\$ 325.00	\$ 325.00	Each	1.00	\$ 336.00	\$ 336.00
5		Window frame Type W01 1800mm x 600mm including all assessories,	Each	2	\$ 186.00	\$ 372.00	Each	2.00	\$ 176.60	\$ 353.20
6		Window frame Type W02 1210mm x 1800mm including all assessories,	Each	15	\$ 256.00	\$ 3,840.00	Each	15.00	\$ 335.81	\$ 5,037.15
7		Window frame with Loket Type W 1210mm x 1800mm including all assessories,	Each	2	\$ 256.00	\$ 512.00	Each	2.00	\$ 335.81	\$ 671.62
8		Supply & install Glasses Ventilation 800 x 500	Each	5	\$ 75.00	\$ 375.00	Each	5.00	\$ 66.00	\$ 330.00
VII		ROOFING WORKS				\$ 24,446.04				\$ 27,484.70
1		Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	2849.12	\$ 2.78	\$ 7,920.56	kg	2849.12	\$ 3.73	\$ 10,627.22
2		Supply & Install Steel Purlin Rondo 45 x 35 x 0.75 mm	kg	1886.69	\$ 2.78	\$ 5,244.98	kg	1886.69	\$ 3.73	\$ 7,037.34
3		Supply & Install Roof Mesh	sq.m	300.85	\$ 4.05	\$ 1,218.29	sq.m	300.85	\$ 3.89	\$ 1,170.58



AGENCIA DE DESARROLLO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
				PROPOSED BY OWNER			VERIFIED BY AND			
NO	CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)
A. HEALTH POST										
4		Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	300.85	\$ 5.04	\$ 1,514.88	Sq.m	300.85	\$ 2.92	\$ 877.83
5		G550 AZ 150, 0.42 BMT X 940 MM Thickness (MM) 0.42 BMT Colorbond and Zincalum steel; including all	Sq.m	300.85	\$ 18.24	\$ 5,487.50	Sq.m	300.85	\$ 18.46	\$ 5,553.69
6		Supply & install HD Plate 6mm	Unit	34.00	\$ 18.00	\$ 612.00	Unit	34.00	\$ 8.66	\$ 294.53
7		Supply & install Ridge Caping 0.42 mm	M'	21.40	\$ 14.31	\$ 306.23	M'	21.40	\$ 14.26	\$ 305.16
8		Supply and Installation of lisplank around the roof 200 x 30	M'	90.00	\$ 18.24	\$ 1,641.60	M'	90.00	\$ 14.26	\$ 1,283.40
9		Supply and Installation Roof Ventilator Edmonds Hurricane H400 turbine rotary roof ventilator, complete with proprietary base including all flashing, anti-corrosion, low moisture transmission coating to contact surface as specified	Unit	2.00	\$ 250.00	\$ 500.00	Unit	2.00	\$ 167.48	\$ 334.95
VIII	CEILING WORKS					\$ 14,084.90				\$ 17,291.08
1		Supply & Install Steel Ceiling joist Channel C 75 x35x 1 mm	kg	1616.54	\$ 2.78	\$ 4,493.98	kg	1616.54	\$ 3.73	\$ 6,029.70
2		Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.75 mm	kg	1899.11	\$ 2.78	\$ 5,279.51	kg	1899.11	\$ 3.73	\$ 7,083.67
3		Supply & Install Ceiling Calciboard 6 mm	sq.m	257.08	\$ 13.34	\$ 3,429.40	sq.m	257.08	\$ 12.82	\$ 3,295.72
4		Supply & Install Ceiling cornice 5 cm	M'	245.00	\$ 3.60	\$ 882.00	M'	245.00	\$ 3.60	\$ 882.00
IX	FLOOR TILE WORKS					\$ 7,912.45				\$ 6,597.70
1		Supply & install tile 600x600 mm (White Colors) simillar approval by Engineer	Sq.m	177.62	\$ 31.88	\$ 5,662.60	Sq.m	177.62	\$ 25.00	\$ 4,440.56
2		Supply & install Rough Floor Tiles 400 x 400 mm, of colour Grey tile antislip for toilet, simillar approval by Engineer	Sq.m	9.69	\$ 21.04	\$ 203.96	Sq.m	9.69	\$ 22.84	\$ 221.41
3		Supply & install Tile wall 400 x 400mm, of colour Grey tile wall 2 M for toilet, simillar approval by Engineer	Sq.m	60.68	\$ 22.89	\$ 1,388.89	Sq.m	60.68	\$ 24.94	\$ 1,513.28
4		Supply & install Tile Plint 10x60 cm	M'	133.27	\$ 4.93	\$ 657.00	M'	133.27	\$ 3.17	\$ 422.45
X	ELECTRICAL WORKS					\$ 13,002.83				\$ 7,677.51
1		Supply & install Distribution Panel board + all accessories (Inc.Fee 3 Phase Connect to EDTL)12 Group	Ls	1.00	\$ 750.00	\$ 750.00	Ls	1.00	\$ 423.71	\$ 423.71
2		Supply & install Excaus Fan Panasonic + all accessories	Unit	5.00	\$ 55.00	\$ 275.00	Unit	5.00	\$ 42.18	\$ 210.90
3		Supply & install Ceiling Fan panasonic 75 watt + all accessories	Unit	9.00	\$ 85.00	\$ 765.00	Unit	9.00	\$ 81.03	\$ 729.27
4		Supply & install Ac 1 PK Merk Ponasonic + all accessories	Unit	3.00	\$ 350.00	\$ 1,050.00	Unit	3.00	\$ 567.28	\$ 1,701.84
5		Supply & install Lighting Phillips Downlight 24 watt	Unit	33.00	\$ 21.88	\$ 722.04	Unit	33.00	\$ 18.55	\$ 612.15
6		Supply & install Lighting F1 TL 2x36 Watt	Unit	15.00	\$ 52.00	\$ 780.00	Unit	15.00	\$ 63.18	\$ 947.70
7		Supply & install power outlet + all Accessories	Unit	34.00	\$ 8.50	\$ 289.00	Unit	34.00	\$ 8.82	\$ 300.02
8		Supply & install Cable 3x2,5min SNI Standartd + all Accessories	m'	261.72	\$ 4.30	\$ 1,125.38	m'	261.72	\$ 3.71	\$ 970.97
9		Supply & install Cable 3x1,5mm SNI Standartd + all Accessories	m'	169.98	\$ 4.30	\$ 730.91	m'	169.98	\$ 3.71	\$ 630.63
10		Supply & install Cable SR 2x25mm SNI Standartd + all Accessories	m'	75.00	\$ 75.00	\$ 5,625.00	m'	75.00	\$ 5.45	\$ 408.75
11		Supply & install double switch + all Accessories	Unit	4.00	\$ 7.50	\$ 30.00	Unit	4.00	\$ 6.46	\$ 25.84
12		Supply & install single switch + all Accessories	Unit	15.00	\$ 6.50	\$ 97.50	Unit	15.00	\$ 5.94	\$ 89.05
14		Supply & install power outlet AC + all Accessories	Unit	3.00	\$ 8.50	\$ 25.50	Unit	3.00	\$ 8.82	\$ 26.47
16		Supply & install Grounding Rod (Penangkal Petir)								\$ -
16.1		kabel Arde BC 70 Single KURN	m'	20.00	8.50	\$ 170.00	m'	20.00	\$ 7.00	\$ 140.00
16.2		Busbar	Unit	1.00	25.00	\$ 25.00	Unit	1.00	\$ 25.00	\$ 25.00
16.3		Besi Tembaga For Grounding /Stick Ground Original	m'	5.00	22.50	\$ 112.50	m'	5.00	\$ 22.50	\$ 112.50
16.4		Pipa PVC 1 1/4"	m'	12.00	10.00	\$ 120.00	m'	12.00	\$ 1.06	\$ 12.72
16.5		titik pengeboran	m'	2.00	30.00	\$ 60.00	m'	2.00	\$ 30.00	\$ 60.00
16.6		Tiang Penangkal 2"	m'	2.00	50.00	\$ 100.00	m'	2.00	\$ 50.00	\$ 100.00
16.7		Instalasi dan test pembunian dengan batas maximum 0,5 Ohm	Ls	1.00	150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
XI	SANITASI WORKS					\$ 8,056.28				\$ 7,876.20



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION

NO	CODE	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
			UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)
A. HEALTH POST										
1		Supply & install Water Closet merk TOTO+ all Accessories	Unit	5.00	\$ 242.71	\$ 1,213.55	Unit	5.00	\$ 242.71	\$ 1,213.55
2		Supply & install Hand Basin merk TOTO + all accessories	Unit	6.00	\$ 167.46	\$ 1,004.76	Unit	6.00	\$ 167.46	\$ 1,004.76
3		Supply & install Zink + all accessories	Unit	1.00	\$ 40.31	\$ 40.31	Unit	1.00	\$ 40.31	\$ 40.31
4		Supply & install Hose Cook (inc.Valve and Accessories)	Unit	5.00	\$ 26.46	\$ 132.30	Unit	5.00	\$ 26.46	\$ 132.30
5		Supply & install fiber Water Box	Unit	5.00	\$ 185.97	\$ 929.85	Unit	5.00	\$ 185.97	\$ 929.85
6		Supply & install Toilet Roll Holder	Unit	5.00	\$ 10.80	\$ 54.00	Unit	5.00	\$ 10.80	\$ 54.00
7		Supply & install Toilet Floor drain	Unit	5.00	\$ 5.41	\$ 27.05	Unit	5.00	\$ 5.41	\$ 27.05
8		Supply & install Steel Holder for Dissability/ Pegangan toilet	Unit	3.00	\$ 25.88	\$ 77.64	Unit	3.00	\$ 25.88	\$ 77.64
I. Septiktank Works										
1		Excavation Earth Foundation	Cu.m	25.32	\$ 5.14	\$ 130.14	Cu.m	25.32	\$ 5.14	\$ 130.14
2		Sand Bedding	Cu.m	1.37	\$ 8.61	\$ 11.79	Cu.m	1.37	\$ 8.29	\$ 11.35
3		Back Filling	Cu.m	6.50	\$ 1.70	\$ 11.05	Cu.m	6.50	\$ 1.70	\$ 11.05
4		Anstamping	Cu.m	1.71	\$ 80.12	\$ 137.11	Cu.m	1.71	\$ 25.19	\$ 43.11
5		Compacted Fill	Cu.m	7.80	\$ 4.20	\$ 32.76	Cu.m	7.80	\$ 4.20	\$ 32.76
5		Concrete for Box Control 14.5 Mpa	Cu.m	0.30	\$ 161.16	\$ 48.35	Cu.m	0.30	\$ 149.36	\$ 44.81
6		Reinforced concrete plat cover for Septick , 14.5 Mpa								
6.1		Concreate FC = 14.5 Mpa	Cu.m	1.84	\$ 161.16	\$ 295.73	Cu.m	1.84	\$ 149.36	\$ 274.08
6.2		Reinforcement Steel	Kg	117.72	\$ 1.45	\$ 170.33	Kg	117.72	\$ 1.66	\$ 195.29
6.3		FormWork	sq.m	8.60	\$ 80.00	\$ 688.20	sq.m	8.60	\$ 46.27	\$ 398.04
7		COOLUMN 15/15								
Install 1Pc : 2Sd : 3 Ag Reinforced concrete of 150mm x 150mm column, 24 Mpa (Ø10mm x Ø12mm)										
7.1		Concreate FC = 14.5 Mpa	Cu.m	0.34	\$ 161.16	\$ 54.39	Cu.m	0.34	\$ 149.36	\$ 50.41
7.2		Reinforcement Steel	Kg	83.65	\$ 1.45	\$ 121.04	Kg	83.65	\$ 1.66	\$ 138.78
7.3		FormWork	sq.m	4.50	\$ 36.59	\$ 164.66	sq.m	4.50	\$ 28.84	\$ 129.78
8		Wall for septick 40x20x10 cm	Sq.m	39.39	\$ 15.25	\$ 600.62	Sq.m	39.39	\$ 13.80	\$ 543.51
9		Wall plester (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	39.39	\$ 5.98	\$ 235.52	Sq.m	39.39	\$ 5.46	\$ 215.04
10		Piping with all accessories	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
II. PIPING WORKS AND ACCESSORIES										
1		Supply & install diameter Pipe 1/2 "	M'	177.62	\$ 2.53	\$ 449.38	M'	177.62	\$ 2.11	\$ 374.78
2		Supply & install diameter Pipe 1 "	M'	70.48	\$ 2.98	\$ 210.04	M'	70.48	\$ 2.96	\$ 208.63
3		Supply & install diameter Pipe 2"	M'	3.60	\$ 5.05	\$ 18.18	M'	3.60	\$ 7.75	\$ 27.90
4		Supply & install diameter Pipe 3"	M'	3.28	\$ 9.40	\$ 30.84	M'	3.28	\$ 10.29	\$ 33.76
5		Supply & install diameter Pipe 4"	M'	70.01	\$ 12.38	\$ 866.69	M'	70.01	\$ 17.62	\$ 1,233.52
6		Supply & install Valve gate valve and Fittings	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 150.00	\$ 150.00
XII PAINTING WORKS										
1		Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penutup)Color coordinate with site engineer for aproval	Sq.m	867.43	\$ 3.34	\$ 2,897.20	Sq.m	867.43	\$ 3.46	\$ 3,001.29
2		Ceiling painting	Sq.m	257.08	\$ 3.26	\$ 838.07	Sq.m	257.08	\$ 3.38	\$ 868.92
XIII APRON WORK										
1		Sand Bedding under Floor Thinkness 50mm	Cu.m	3.34	\$ 8.61	\$ 28.77	Cu.m	3.34	\$ 8.29	\$ 27.70
2		Install 1Pc : 3Sd : 5Ag F ^c 14.5 Mpa	Cu.m	6.27	\$ 161.16	\$ 1,009.89	Cu.m	6.27	\$ 149.36	\$ 935.95
3		Wiremesh Apron floor Ø 8 - N 150 mm	Kg	330.03	\$ 1.45	\$ 477.55	Kg	330.03	\$ 1.66	\$ 547.52
XIV TOWER WORKS										
1		Excavation	Cu.m	3.20	\$ 5.14	\$ 16.45	Cu.m	3.20	\$ 5.14	\$ 16.45
2		Backfilling	Cu.m	0.96	\$ 1.70	\$ 1.63	Cu.m	0.96	\$ 1.70	\$ 1.63
3		Compacted Fill	Cu.m	1.15	\$ 4.20	\$ 4.84	Cu.m	1.15	\$ 4.20	\$ 4.84
4		FOOT PLAT								
		Reinforced concrete Footing, 24 Mpa (Ø12mm)								
4.1		Concreate FC = 24 Mpa	Cu.m	0.64	\$ 169.49	\$ 108.47	Cu.m	0.64	\$ 159.55	\$ 102.11
4.2		Reinforcement Steel	Kg	60.38	\$ 1.45	\$ 87.38	Kg	60.38	\$ 1.66	\$ 100.18



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
			PROPOSED BY OWNER			VERIFIED BY AND				
NO	CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)
A.HEALTH POST										
4.3	FormWork		sq.m	2.56	\$ 18.03	\$ 46.16	sq.m	2.56	\$ 17.54	\$ 44.90
5	COLOM 30/30	Reinforced concrete of 300mm x 300mm column, 24 Mpa (\varnothing 10mm x \varnothing 12mm)								
5.1	Concreate FC = 24 Mpa		Cu.m	2.23	\$ 169.49	\$ 377.69	Cu.m	2.23	\$ 159.55	\$ 355.54
5.2	Reinforcement Steel		Kg	171.18	\$ 1.45	\$ 247.69	Kg	171.18	\$ 1.66	\$ 283.98
5.3	FormWork		sq.m	29.71	\$ 36.59	\$ 1,087.16	sq.m	29.71	\$ 28.84	\$ 856.89
6	SLOOF B01 25/25	Reinforced concrete of 250mm x 250mm sloof, 24 Mpa (\varnothing 12mm x \varnothing 8mm)								
6.1	Concreate FC = 24 Mpa		Cu.m	0.48	\$ 169.49	\$ 80.51	Cu.m	0.48	\$ 159.55	\$ 75.79
6.2	Reinforcement Steel		Kg	47.85	\$ 1.45	\$ 69.24	Kg	47.85	\$ 1.66	\$ 79.39
6.3	FormWork		sq.m	3.80	\$ 26.78	\$ 101.76	sq.m	3.80	\$ 28.84	\$ 109.59
7	RING BALK B02 20/30	Reinforced concrete of 200mm x 300mm sloof, 24 Mpa (\varnothing 12mm x \varnothing 8mm)								
7.1	Concreate FC = 24 Mpa		Cu.m	0.60	\$ 169.49	\$ 101.69	Cu.m	0.60	\$ 159.55	\$ 95.73
7.2	Reinforcement Steel		Kg	62.97	\$ 1.45	\$ 91.11	Kg	62.97	\$ 1.66	\$ 104.46
7.3	FormWork		sq.m	5.00	\$ 26.78	\$ 133.90	sq.m	5.00	\$ 28.84	\$ 144.20
8	CONCRETE PLAT									
8.1	Install 1Pc : 2Sd : 3 Ag reinforced concrete plat, 24 Mpa (\varnothing 10mm N 200 mm)		Cu.m	1.25	\$ 169.49	\$ 211.86	Cu.m	1.25	\$ 159.55	\$ 199.44
9	Wall concrete block Hollow Thikness 20 mm (39 x 19 x 19), 1Pc: 4 ps grade A1 for External inc. corefill		sq.m	11.78	\$ 25.50	\$ 300.39	sq.m	11.78	\$ 37.60	\$ 442.93
10	Wall plester (1Pc : 3 Sand), thickness 15mm & all necessary works		Sq.m	23.56	\$ 5.98	\$ 140.89	Sq.m	23.56	\$ 5.46	\$ 128.64
11	Finishing with cement mortar		Sq.m	23.56	\$ 3.21	\$ 75.63	Sq.m	23.56	\$ 3.30	\$ 77.75
12	Steel Works for Stairs		Kg	28.21	\$ 2.78	\$ 78.42	Kg	28.21	\$ 3.73	\$ 105.22
13	Painting Works		sq.m	52.35	\$ 3.34	\$ 174.86	sq.m	52.35	\$ 3.46	\$ 181.14
14	Supply & install Water Tank Profil 3200 ltr merk ROOTO		Unit	1.00	\$ 650.00	\$ 650.00	Unit	1.00	\$ 485.10	\$ 485.10
15	ROOFING WORKS									
15.1	Supply and install Column Steel Hollow 40 x 80 mm		Kg	5.72	\$ 2.78	\$ 15.90	Kg	5.72	\$ 3.73	\$ 21.34
15.2	Supply & Install Steel hollow 100 x 100.mm		Kg	13.00	\$ 2.78	\$ 36.14	Kg	13.00	\$ 3.73	\$ 48.49
15.3	Supply & Install Steel hollow 40 x 80.mm		Kg	32.83	\$ 2.78	\$ 91.28	Kg	32.83	\$ 3.73	\$ 122.47
15.4	Supply & Install Steel Purlin V 60 x 30 x 95 x 0.53.mm		Kg	34.32	\$ 2.78	\$ 95.41	Kg	34.32	\$ 3.73	\$ 128.01
15.5	Supply & install Standard roof zincalum Colorbond 0.42 mm		Sq.m	6.29	\$ 18.24	\$ 114.73	Sq.m	6.29	\$ 18.46	\$ 116.11
15.6	Supply & install Ridge Caping		M'	3.30	\$ 14.31	\$ 47.22	M'	3.30	\$ 14.26	\$ 47.06
16	Supply & install Water Pump 150W 1 phase + all aaccessories		Unit	1.00	\$ 490.00	\$ 490.00	Unit	1.00	\$ 490.00	\$ 490.00
17	Supply & install Pipe + all aaccessories from tower tank to HP and DH		LS	1.00	\$ 300.00	\$ 300.00	LS	1.00	\$ 600.00	\$ 600.00
XV	FURNITURE					\$ 14,955.25				\$ 14,830.25
1	Provide the Provisional for room signage and title of Health Post (signboard)		LS	1.00	\$ 500.00	\$ 500.00	LS	1.00	\$ 500.00	\$ 500.00
2	Clinic Medical Furniture Provide the provisional sum for Clinic Medical Furniture									
3	Clinic Medical Furniture include :									
3.1	Hospital Bed with back raise mark AOLIKE - ALK06A232P (coordinate with owner for aproval)									
	Specifications									
	Movimentos:									
	Movimento de dorso - ângulo: 0° ~ 70° (±5°)									
	Movimento de joelho - ângulo: 0° ~ 30° (±5°)		Unit	2.00	\$ 1,500.00	\$ 3,000.00	Unit	2.00	\$ 1,500.00	\$ 3,000.00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION								
NO	CODE	DESCRIPTION	PROPOSED BY OWNER			VERIFIED BY AND		
			UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)	UNIT	QUANTITY
A.HEALTH POST								
		Dimensões:						
		Cama: C 2130 mm x L 980 mm x H 500 mm						
		Leito : C 1945 mm x L 850 mm						
		Certificações:						
		CE, ISO 13485: 2003, ISSO 9001: 2008						
3.2		Examination Bed (MEJA PERIKSA PASIEN LIPAT+FOOTSTEP INDOMED)						
		Specifications						
		Berat meja: 23 kg						
		Bagian kepala panjang 50cm						
		Dimensi meja periksa: 1950x650x830 mm	Unit	2.00	\$ 750.00	\$ 1,500.00	Unit	2.00
		Sudut kemiringan backrest: 0-70 (5)						
		Include: Footstep						
		Bahan meja periksa: powder coating steel						
		Bahan matras: Foam dengan cover kulit imitasi (warna biru)						
		Tebal matras: 8 cm						
3.2		Examination and Gynaecology Bed (MEJA GYNECOLOGI Stainless Steel)						
		Specifications						
		Merek : Indomed						
		Bahan : Stainless Steel	Unit	1.00	\$ 1,600.00	\$ 1,600.00	Unit	1.00
		Bahan Matrass : Spons dilapisi dengan kulit imitasi						
		Dimensi : 210 x 71 x 84 ± 2 cm (PxLxT)						
		FITUR & AKSESORIS						
		Bagian kepala bisa diangkat max 70°						
		Bagian kaki bisa diturunkan max 90°						
3.3		Bedside Cabinet (YA-B06 Hospital ABS Bedside Cabinet)						
		Model: YA-B06	Unit	4.00	\$ 400.00	\$ 1,600.00	Unit	4.00
		Overall Size: 48 x 48 x 76cm						
		Load Capacity: 30kg						
3.3		Instrument Trolley with two shelves (Troli Instrument Meja Instrument Stainless 2 Susun)	Unit	3.00	\$ 86.00	\$ 258.00	Unit	3.00
3.4		Medicine Cabinet (Lemari Obat 2 Pintu)						
		SPESIFIKASI PRODUK:						
		Nama Produk : Lemari Obat 2 Pintu Bahan Besi						
		Fungsi : Menyimpan obat dan perlengkapan medis di klinik, RS atau ruangan medis lainnya	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00
		Dimensi : 90 x 40 x 170 cm						
		Bahan : plat besi 1 mm finishing epoxy cat oven / powder coating						
		Pintu atas terbagi 2 berbahan kaca ketebalan 5 mm						
		Pintu bagian bawah dari plat						
3.5		Waiting Chair four sheet (coordinate with owner for aproval)						
		Specifications						
		Bench or chairs for waiting room3 places	Unit	4.00	\$ 300.00	\$ 1,200.00	Unit	4.00
		Robust design with ergonomic backrests.						
		Steel structure of black color.						
		Horizontal steel bar that strongly supports the entire structure.						
		Seats and backrest in black die-cut steel.						
3.6		Supply and intall Office table (coordinate with owner for aproval)	Unit	4.00	\$ 195.50	\$ 782.00	Unit	4.00



AGENCIA DE DESARROLLO NACIONAL (ADN)

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION								
			PROPOSED BY OWNER			VERIFIED BY AND		
NO	CODE	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	AMOUNT (USD)	UNIT	QUANTITY
A. HEALTH POST								
	3.7	Supply and intall Office Chair (coordinate with owner for aproval)	Unit	7.00	\$ 224.25	\$ 1,569.75	Unit	7.00
	3.8	Supply and intall Highchair for Laboratory room (coordinate with owner for aproval)	Unit	2.00	\$ 97.75	\$ 195.50	Unit	2.00
	3.9	Supply and install Place and flagpole (coordinate with owner for aproval)	Unit	1.00	\$ 250.00	\$ 250.00	Unit	1.00
	3.10	Supply and intall Laptop hp CORE i5 + all accessories (coordinate with site engineer for aproval) hp core i5	Unit	1.00	\$ 1,500.00	\$ 1,500.00	Unit	1.00
	3.11	Supply and intall Printer HP LaserJet (coordinate with site engineer for aproval)	Unit	1.00	\$ 400.00	\$ 400.00	Unit	1.00
XVI	FINAL CLEARING				\$ 250.00			\$ 250.00
	1	Remove and clean all the construction site areas	Ls	1.00	\$ 250.00	\$ 250.00	Ls	1.00
B	CONTRUCTION COST (I+XV)					\$ 166,156.76		
								\$ 166,659.80



AGENCIAS DE DESENVOLVIMENTO NACIONAL | P

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY
 LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

NO	DESCRIPTION	COST ESTIMATION				PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE												
I	PREPARATION WORKS												
1	Mobilization and Demobilization	N/A		\$ -									
2	Project sing board	N/A		\$ -									
3	Water Supply for Works	N/A		\$ -									
4	Electrical Supply power and lighting	N/A		\$ -									
5	Site Office 4 m x 4 m	N/A		\$ -									
6	Material Storage 3 m x 5 m	N/A		\$ -									
7	Site safety and Protective Clothing	N/A		\$ -									
8	Progress Report and Photographs	N/A		\$ -									
9	Material sampling testing	N/A		\$ -									
10	Site Cleaning and Levelling	N/A		\$ -									
11	Bowplank / frame work	Ln.m	125.33	\$ 9.92	\$ 1,243.31	Ln.m	125.33	\$ 9.55	\$ 1,196.93				
	Sub Total				\$ 1,243.31								\$ 1,196.93
II	FOUNDATION WORKS												
1	Excavation Earth Foundation	Cu.m	44.85	\$ 5.14	\$ 230.52	Cu.m	44.85	\$ 5.14	\$ 230.52				
2	Sand Bedding under foundation Thinkness 50mm inclued Floor	Cu.m	5.72	\$ 8.61	\$ 49.21	Cu.m	5.72	\$ 8.29	\$ 47.38				
3	Stone Masonry 1Ps : 3Sd	Cu.m	22.40	\$ 140.45	\$ 3,146.22	Cu.m	22.40	\$ 78.10	\$ 1,749.52				
4	Back Filling sides of foundation inclued floor	Cu.m	40.99	\$ 1.70	\$ 69.68	Cu.m	40.99	\$ 1.70	\$ 69.68				
5	Compacted Foundation Fill inclued floor	Cu.m	49.19	\$ 4.20	\$ 206.59	Cu.m	49.19	\$ 4.20	\$ 206.59				
	Sub Total				\$ 3,702.23								\$ 2,303.70
III	CONCRETE WORKS												
1	SLOOF I 15/20												
1.1	Reinforced concrete of 150mm x 200mm Tie Beam (B1), 24 Mpa (D12mm x Ø8mm)												
-	Concreate FC = 24 Mpa	Cu.m	1.37	\$ 169.49	\$ 232.52	Cu.m	1.37	\$ 159.55	\$ 218.89				
-	Reinforcement Steel	Kg	234.69	\$ 1.45	\$ 339.59	Kg	234.69	\$ 1.66	\$ 389.34				
-	Form Work	sq.m	18.29	\$ 18.03	\$ 329.80	sq.m	18.29	\$ 17.54	\$ 320.84				
2	SLOOF 2 10/20												
2.1	Reinforced concrete of 100mm x 200mm Tie Beam (B2), 24 Mpa (D12mm x Ø8mm)												
-	Concreate FC = 24 Mpa	Cu.m	0.33	\$ 169.49	\$ 55.49	Cu.m	0.33	\$ 159.55	\$ 52.24				
-	Reinforcement Steel	Kg	79.70	\$ 1.45	\$ 115.33	Kg	79.70	\$ 1.66	\$ 132.22				
-	Form Work	sq.m	6.55	\$ 26.78	\$ 175.36	sq.m	6.55	\$ 17.54	\$ 114.85				
3	COLUMN I 15/30												
3.1	Reinforced concrete of 150mm x 300mm column (C1), 24 Mpa (D12mm x Ø8mm)												
-	Concreate FC = 24 Mpa	Cu.m	0.16	\$ 169.49	\$ 27.08	Cu.m	0.16	\$ 159.55	\$ 25.49				
-	Reinforcement Steel	Kg	20.09	\$ 1.45	\$ 29.07	Kg	20.09	\$ 1.66	\$ 33.33				
-	Form Work	sq.m	4.26	\$ 36.59	\$ 155.87	sq.m	4.26	\$ 28.84	\$ 122.86				
4	COLUMN 2 15/20												
4.1	Reinforced concrete of 150mm x 200mm column (C2), 24 Mpa (D12mm x Ø8mm)												
-	Concreate FC = 24 Mpa	Cu.m	0.21	\$ 169.49	\$ 36.10	Cu.m	0.21	\$ 159.55	\$ 33.98				
-	Reinforcement Steel	Kg	36.44	\$ 1.45	\$ 52.72	Kg	36.44	\$ 1.66	\$ 60.45				
-	Form Work	sq.m	5.68	\$ 36.59	\$ 207.83	sq.m	5.68	\$ 28.84	\$ 163.81				
5	COLUMN 3 15/15												
5.1	Reinforced concrete of 150mm x 150mm column (C3), 24 Mpa (D12mm x Ø8mm)												
-	Concreate FC = 24 Mpa	Cu.m	1.60	\$ 169.49	\$ 271.31	Cu.m	1.60	\$ 159.55	\$ 255.40				
-	Reinforcement Steel	Kg	259.78	\$ 1.45	\$ 375.91	Kg	259.78	\$ 1.66	\$ 430.98				
-	Form Work	sq.m	42.69	\$ 36.59	\$ 1,561.90	sq.m	42.69	\$ 28.84	\$ 1,231.08				
6	COLUMN 4 10/10												
6.1	Reinforced concrete of 100mm x 100mm column (C4), 24 Mpa (D12mm x Ø8mm)												
-	Concreate FC = 24 Mpa	Cu.m	0.56	\$ 169.49	\$ 94.77	Cu.m	0.56	\$ 159.55	\$ 89.21				
-	Reinforcement Steel	Kg	107.90	\$ 1.45	\$ 156.13	Kg	107.90	\$ 1.66	\$ 179.00				
-	Form Work	sq.m	9.94	\$ 36.59	\$ 363.70	sq.m	9.94	\$ 28.84	\$ 286.67				
7	TOP BEAM I 15/20												
7.1	Reinforced concrete of 150mm x 200mm Roof Beam (B1), 24 Mpa (D12mm x Ø8mm)												
-	Concreate FC = 24 Mpa	Cu.m	1.99	\$ 169.49	\$ 337.14	Cu.m	1.99	\$ 159.55	\$ 317.36				
-	Reinforcement Steel	Kg	287.48	\$ 1.45	\$ 415.98	Kg	287.48	\$ 1.66	\$ 476.92				
-	Form Work	sq.m	22.41	\$ 44.97	\$ 1,007.63	sq.m	22.41	\$ 28.84	\$ 646.21				
8	TOP BEAM 2 10/20												
8.1	Reinforced concrete of 100mm x 200mm Roof Beam (B2), 24 Mpa (D12mm x Ø8mm)												



AGENCIA DE DESARROLLO NACIONAL - P.R.

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY
 LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION								
NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND		
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)
B	DOCTOR HOUSE							
-	Concreate FC = 24 Mpa	Cu.m	0.33	\$ 169.49	\$ 55.49	Cu.m	0.33	\$ 159.55
-	Reinforcement Steel	Kg	79.70	\$ 1.45	\$ 115.33	Kg	79.70	\$ 1.66
-	FormWork	sq.m	6.55	\$ 44.97	\$ 294.46	sq.m	6.55	\$ 28.84
9	LITTLE BEAM 10/15							
9.1	Reinforced concrete of 100mm x 150mm Little Beam, 24 Mpa (D10mm x Ø8mm)							
-	Concreate FC = 24 Mpa	Cu.m	0.39	\$ 169.49	\$ 66.69	Cu.m	0.39	\$ 159.55
-	Reinforcement Steel	Kg	92.36	\$ 1.45	\$ 133.65	Kg	92.36	\$ 1.66
-	FormWork	sq.m	5.25	\$ 44.97	\$ 235.91	sq.m	5.25	\$ 28.84
10	Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	64.53	\$ 3.50	\$ 225.87	sq.m	64.53	\$ 1.40
11	Wiremesh under floor Ø8 - N 150 mm	Kg	440.29	\$ 1.45	\$ 637.10	Kg	440.29	\$ 1.66
12	Concrete Floor 24 Mpa, t = 100 mm	Cu.m	25.17	\$ 169.49	\$ 4,266.69	Cu.m	25.17	\$ 159.55
	Sub Total				\$ 12,372.42			\$ 11,159.00
IV	WALL INSTALLATION AND PLASTERING							
1	Wall concrete block Hollow Thikness 20mm (40 x 15 x 20), 1Pc : 4 ps grade A1 & all necessary work	Sq.m	152.46	\$ 41.55	\$ 6,334.88	Sq.m	152.46	\$ 37.60
2	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	304.93	\$ 5.98	\$ 1,823.47	Sq.m	304.93	\$ 5.46
3	Finishing with cement mortar	Sq.m	304.93	\$ 3.21	\$ 978.82	Sq.m	304.93	\$ 3.30
	Sub Total				\$ 9,137.17			\$ 8,403.82
V	STAIRS WORKS							
1	Excavation	Cu.m	0.68	\$ 5.14	\$ 3.51	Cu.m	0.68	\$ 5.14
2	Stone Masonry 1Ps : 3Sd	Cu.m	8.59	\$ 140.45	\$ 1,207.12	Cu.m	8.59	\$ 78.10
3	Plastering (1Pc : 4 Sand), thickness 20 mm	Sq.m	7.67	\$ 7.59	\$ 58.20	Sq.m	7.67	\$ 5.38
	Sub Total				\$ 1,268.83			\$ 716.00
VI	DOORS & WINDOWS WORKS							
1	Supply and Installation of Door Wooden Frame With Leaf Type D01 2450mm x 1000mm, including all assessories & finishing/Pintu kayu	Unit	4.00	\$ 485.00	\$ 1,940.00	Unit	4.00	\$ 295.00
2	Supply and installation Aluminium Frame with Leaf aluminium for toilet Type D02 2450 mm x 900 mm, including all assessories & finishing	Unit	2.00	\$ 465.00	\$ 930.00	Unit	2.00	\$ 285.00
3	Supply & Install Window frame With Nako Glass Type W01 1730 mm x 1850 mm including all assessories	Unit	1.00	\$ 450.00	\$ 450.00	Unit	1.00	\$ 434.13
4	Supply & Install Window Aluminium frame With Nako Glass Type W02 1730 mm x 1250 mm including all assessories	Unit	4.00	\$ 400.00	\$ 1,600.00	Unit	4.00	\$ 302.00
5	Supply & Install Window Aluminiumframe With Nako Glass Type W03 1450 mm x 650 mm including all assessories,	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 140.50
6	Supply & Installation of Window Steel frame With Nako Glass Type W04 1482 mm x 1250 mm including all assessories,	Unit	1.00	\$ 350.00	\$ 350.00	Unit	1	\$ 350
7	Supply & Install Ventilation Aluminium frame With Fixed Glass type V01 400 mm x 700 mm including all assessories	Unit	2.00	\$ 85.00	\$ 170.00	Unit	2.00	\$ 48.60
	Sub Total				\$ 6,040.00			\$ 4,120.33
VII	ROOFING WORKS							
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	#####	\$ 2.78	\$ 4,395.52	kg	1581.12	\$ 3.73
2	Supply & Install Steel Purling V 25 x 45 x 0.75 mm	kg	706.28	\$ 2.78	\$ 1,963.44	kg	706.28	\$ 3.73
3	Supply & Install Roof Mesh	Sq.m	115.78	\$ 4.05	\$ 468.85	Sq.m	115.78	\$ 3.89
4	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	115.78	\$ 5.04	\$ 583.00	Sq.m	115.78	\$ 2.92
5	Supply & install G550 AZ 150, 0.42 BMT x 940 mm thickness (mm) 0.42 BMT Colorbond and Zincalum steel and screws with all necessary works	Sq.m	115.78	\$ 14.31	\$ 1,656.83	Sq.m	115.78	\$ 18.46
6	Supply & install Ridge Capping thickness 0.42 mm	m'	10.75	\$ 14.31	\$ 153.83	m'	10.75	\$ 14.26
7	Supply & install HD Plate 6mm	Unit	22.00	\$ 18.00	\$ 396.00	Unit	22.00	\$ 8.66
8	Supply and Installation of listplank around the roof	m'	21.50	\$ 14.31	\$ 307.67	m'	21.50	\$ 14.26
	Sub Total				\$ 9,925.14			\$ 12,108.10
VIII	CEILING WORKS							
1	Supply & Install Steel Ceiling joist Channel C 75 x 35 x 1.0mm	kg	284.59	\$ 2.78	\$ 791.16	kg	284.59	\$ 3.73



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - P

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY
 LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANT ITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
2	Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.76 mm	kg	137.05	\$ 2.78	\$ 380.99	kg	137.05	\$ 3.73	\$ 511.18
3	Supply & Install Ceiling Calciboard 6 mm	sq.m	96.81	\$ 13.34	\$ 1,291.42	sq.m	96.81	\$ 12.82	\$ 1,241.08
4	Supply & Install Ceiling cornice 5 cm	m'	117.41	\$ 13.34	\$ 1,566.29	m'	117.41	\$ 3.60	\$ 422.69
	Sub Total				\$ 4,029.86				\$ 3,236.47
IX	TILE WORKS								
1	Supply & install tile 400mm x 400mm (White Colors) simillar approval by Engineer	Sq.m	56.71	\$ 21.04	\$ 1,193.10	Sq.m	56.71	\$ 22.84	\$ 1,295.17
2	Supply & install Rough Floor Tiles 200mm x 200mm, of colour Grey tile antislip for toilet, simillar approval by Engineer	Sq.m	7.13	\$ 22.09	\$ 157.43	Sq.m	7.13	\$ 21.89	\$ 156.00
3	Supply & install Wall Tile 200mm x 200 mm, of colour Grey tile wall 2 M for toilet, simillar approval by Engineer	Sq.m	35.34	\$ 0.65	\$ 22.97	Sq.m	35.34	\$ 22.66	\$ 800.80
4	Supply & install Ceramic Tile table+ Benz Ceramic 200mm x 200mm	Sq.m	8.42	\$ 22.09	\$ 186.07	Sq.m	8.42	\$ 21.89	\$ 184.38
5	Supply & install Skirting 100mm x 400mm	m'	56.86	\$ 6.44	\$ 366.20	m'	56.86	\$ 6.44	\$ 366.20
	Sub Total				\$ 1,925.77				\$ 2,802.56
X	ELECTRICAL WORKS								
1	Supply & install Distribution Panel board + all accessories (Inc. fee Connect to Health Post) 12 Group	Ls	1.00	\$ 350.00	\$ 350.00	Ls	1.00	\$ 346.79	\$ 346.79
2	Supply & install Lighting Phillips F1 TL 2x36W + Accessories	Unit	7.00	\$ 52.00	\$ 364.00	Unit	7.00	\$ 63.18	\$ 442.26
3	Supply & install Lighting Phillips Downlight 24 watt	Unit	17.00	\$ 21.88	\$ 371.96	Unit	17.00	\$ 18.55	\$ 315.35
4	Supply & install Power outlet for AC + all Accessories	Unit	2.00	\$ 8.50	\$ 17.00	Unit	2.00	\$ 8.82	\$ 17.65
5	Supply & install Power outlet +all Accessories	Unit	12.00	\$ 8.50	\$ 102.00	Unit	12.00	\$ 8.82	\$ 105.89
6	Supply & install Cable Nym 3 x 2,5mm SNI Standard + all Accessories	m'	63.00	\$ 6.30	\$ 396.90	m'	63.00	\$ 3.71	\$ 233.73
7	Supply & install Cable Nym 3 x 1,5mm SNI Standard + all Accessories	m'	70.00	\$ 6.30	\$ 441.00	m'	70.00	\$ 3.71	\$ 259.70
9	Supply & install Single switch + all Accessories	Unit	7.00	\$ 6.50	\$ 45.50	Unit	7.00	\$ 5.94	\$ 41.56
10	Supply & install Double switch + all Accessories	Unit	1.00	\$ 7.50	\$ 7.50	Unit	1.00	\$ 6.46	\$ 6.46
11	Supply & install Ceiling fan panasonic 75 Watt + all Accessories	Unit	2.00	\$ 85.00	\$ 170.00	Unit	2.00	\$ 85.00	\$ 170.00
12	Supply & Install Exhausting fan 15 Watt + all Accessories	Unit	4.00	\$ 55.00	\$ 220.00	Unit	4.00	\$ 42.18	\$ 168.72
13	Supply & Install Air Conditioner (AC) 1 PK merk Panasonic	Unit	2.00	\$ 380.00	\$ 760.00	Unit	2.00	\$ 567.28	\$ 1,134.56
	Sub Total				\$ 3,245.86				\$ 3,242.66
XI	SANITATION WORKS								
1	Supply & install Water Closet merk TOTO+ all Accessories	Unit	3.00	\$ 242.71	\$ 728.13	Unit	3.00	\$ 242.71	\$ 728.13
2	Supply & Install Standard Hand Basin (inc. Valve and accessories)	Unit	3.00	\$ 167.46	\$ 502.38	Unit	3.00	\$ 167.46	\$ 502.38
3	Single Stainless Zink (SK)	Unit	1.00	\$ 40.31	\$ 40.31	Unit	1.00	\$ 40.31	\$ 40.31
4	Supply & install Hose Cook (inc.Valve and Accessories)	Unit	3.00	\$ 26.46	\$ 79.38	Unit	3.00	\$ 26.46	\$ 79.38
5	Supply & install fiber Water Box	Unit	2.00	\$ 185.97	\$ 371.94	Unit	2.00	\$ 185.97	\$ 371.94
6	Supply & install Toilet Roll Holder	Unit	3.00	\$ 10.80	\$ 32.40	Unit	3.00	\$ 10.80	\$ 32.40
7	Supply & install Toilet Floor drain	Unit	2.00	\$ 5.41	\$ 10.82	Unit	2.00	\$ 5.41	\$ 10.82
	I.Septic tank Works								\$ -
1	Excavation Earth Foundation	Cu.m	25.32	\$ 5.14	\$ 130.14	Cu.m	25.32	\$ 5.14	\$ 130.14
2	Sand Bedding	Cu.m	1.37	\$ 8.61	\$ 11.79	Cu.m	1.37	\$ 8.29	\$ 11.35
3	Back Filling	Cu.m	6.50	\$ 1.70	\$ 11.05	Cu.m	6.50	\$ 1.70	\$ 11.05
4	Anstamping	Cu.m	1.71	\$ 80.12	\$ 137.11	Cu.m	1.71	\$ 80.12	\$ 137.11
5	Compacted Fill	Cu.m	7.80	\$ 4.20	\$ 32.76	Cu.m	7.80	\$ 4.20	\$ 32.76
5	Concrete for Box Control 14.5 Mpa	Cu.m	0.30	\$ 161.16	\$ 48.35	Cu.m	0.30	\$ 149.36	\$ 44.81
6	Reinforced concrete plat cover for Septick , 14.5 Mpa								\$ -
-	Concrete FC = 14.5 Mpa	Cu.m	1.84	\$ 161.16	\$ 295.73	Cu.m	1.84	\$ 149.36	\$ 274.08
-	Reinforcement Steel	Kg	117.72	\$ 1.45	\$ 170.33	Kg	117.72	\$ 1.66	\$ 195.29
-	FormWork	sq.m	8.60	\$ 80.00	\$ 688.20	sq.m	8.60	\$ 28.84	\$ 248.10
7	COLOMNS 15/15								\$ -
7.1	Install 1Pc : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 24 Mpa (Ø10mm x Ø12mm)								\$ -
-	Concrete FC = 14.5 Mpa	Cu.m	0.34	\$ 161.16	\$ 54.39	Cu.m	0.34	\$ 149.36	\$ 50.41
-	Reinforcement Steel	Kg	83.65	\$ 26.78	\$ 2,240.15	Kg	83.65	\$ 1.66	\$ 138.78
-	FormWork	sq.m	4.50	\$ 36.59	\$ 164.66	sq.m	4.50	\$ 28.84	\$ 129.78
8	Wall for septick 40x20x10 cm	Sq.m	39.39	\$ 15.25	\$ 600.62	Sq.m	39.39	\$ 13.80	\$ 543.51
9	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	39.39	\$ 5.98	\$ 235.52	Sq.m	39.39	\$ 5.46	\$ 215.04
10	Piping with all accessories	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00
	I.PIPING WORKS AND ACCESSORIES								\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH
 PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE- AILEU MUNICIPALITY
 LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION									
NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
		UNIT	QUANT ITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
B	DOCTOR HOUSE								
1	Supply & install diameter Pipe for 1/2 " for clean water pipe sistem	m'	29.00	\$ 2.53	\$ 73.37	m'	29.00	\$ 2.11	\$ 61.19
2	Supply & install diameter Pipe for 3/4 " for clean water pipe sistem	m'	29.00	\$ 2.98	\$ 86.42	m'	29.00	\$ 2.96	\$ 85.84
3	Supply & install diameter Pipe 1" for Waste water pipe sistem	m'	5.50	\$ 2.98	\$ 16.39	m'	5.50	\$ 7.75	\$ 42.63
4	Supply & install diameter Pipe 2" for Waste water pipe sistem	m'	11.00	\$ 9.40	\$ 103.40	m'	11.00	\$ 10.29	\$ 113.19
5	Supply & install diameter Pipe 4" for Waste water pipe sistem	m'	8.50	\$ 12.38	\$ 105.24	m'	8.50	\$ 17.62	\$ 149.77
6	Supply & install Valve gate valve and Fittings	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 150.00	\$ 150.00
	Sub Total				\$ 7,170.97				\$ 4,630.17
XII	PAINTING WORKS								
1	Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penutup)Color coordinate with site engineer for aproval	Sq.m	304.93	\$ 3.34	\$ 1,018.46	Sq.m	304.93	\$ 3.46	\$ 1,055.05
2	Ceiling painting Color simillar approval by Engineer	Sq.m	96.81	\$ 3.26	\$ 315.60	Sq.m	96.81	\$ 3.38	\$ 327.21
	Sub Total				\$ 1,334.05				\$ 1,382.26
XIII	FURNITURE								
1	Supply and Install wood beds (Coordinate with Site Engineer for Aproval)	Unit	2.00	\$ 550.00	\$ 1,100.00	Unit	2.00	\$ 550.00	\$ 1,100.00
2	Supply and Install Spring bed (Dimension of Spring bed 200 x 160 x 300mm)	Unit	2.00	\$ 215.00	\$ 430.00	Unit	2.00	\$ 215.00	\$ 430.00
3	Supply and Install Bed Cover	Unit	2.00	\$ 25.00	\$ 50.00	Unit	2.00	\$ 25.00	\$ 50.00
4	Supply Pillow + Cover pillow	Unit	4.00	\$ 15.00	\$ 60.00	Unit	4.00	\$ 15.00	\$ 60.00
5	Supply and Install Sofa	set	1.00	\$ 350.00	\$ 350.00	set	1.00	\$ 350.00	\$ 350.00
6	Supply and Install dining table + chair (woods table chairs be selected by site engineer)	set	1.00	\$ 350.00	\$ 350.00	set	1.00	\$ 350.00	\$ 350.00
7	Supply and Install wardrobe + (selected by site engineer)	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 300.00	\$ 600.00
8	Supply Refrigerator Sharp SJ-X187MG-DB Single door	Unit	1.00	\$ 263.20	\$ 263.20	Unit	1.00	\$ 263.20	\$ 263.20
9	Supply dish rack (rak piring)	Unit	1.00	\$ 60.00	\$ 60.00	Unit	1.00	\$ 60.00	\$ 60.00
10	Supply Electric stove (kompor Listrik + Tacu)	Unit	1.00	\$ 130.00	\$ 130.00	Unit	1.00	\$ 130.00	\$ 130.00
11	Supply "KIRIN RICE COOKER 2.0 LITER KRC-289 Hard Anodized	Unit	1.00	\$ 70.00	\$ 70.00	Unit	1.00	\$ 70.00	\$ 70.00
12	Supply and Install Curtain rail + Curtain windows W01	Unit	1.00	\$ 42.50	\$ 42.50	Unit	1.00	\$ 42.50	\$ 42.50
13	Supply and Install Curtain rail + Curtain windows W02	Unit	4.00	\$ 25.50	\$ 102.00	Unit	4.00	\$ 25.50	\$ 102.00
14	Supply and Install Curtain rail + Curtain windows W03	Unit	2.00	\$ 17.00	\$ 34.00	Unit	2.00	\$ 17.00	\$ 34.00
15	Supply and Install Curtain rail + Curtain windows W03	Unit	2.00	\$ 17.00	\$ 34.00	Unit	2.00	\$ 17.00	\$ 34.00
16	Provide home supplies such as: brooms, mops, carpets, Small Trash Bin	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00
	Sub Total				\$ 3,775.70				\$ 3,775.70
	TOTAL COST				\$ 65,171.30				\$ 59,077.71
	2 UNIT BUILDING DOCTOR HOUSE				\$ 130,342.60				\$ 118,155.41



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION											
NO	CODE	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND				
			UNIT	QUANTI TY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	
FENCE											
I	EARTH / FONDATION WORKS					\$ 12,887.11				\$ 7,561.83	
1	Excavation Earth	Cu.m	119.69	\$ 5.14	\$ 615.22	Cu.m	119.69	\$ 5.14	\$ 615.22		
2	Urugan Kembali (Back Fill)	Cu.m	34.31	\$ 1.70	\$ 58.33	Cu.m	34.31	\$ 1.70	\$ 58.33		
3	Compacted Fill	Cu.m	41.17	\$ 4.20	\$ 172.93	Cu.m	41.17	\$ 4.20	\$ 172.91		
4	Sand Banding	Cu.m	5.69	\$ 8.61	\$ 49.01	Cu.m	5.69	\$ 8.29	\$ 47.19		
	Stone Mansony 1Pc : 3Ps	Cu.m	85.38	\$ 140.45	\$ 11,991.62	Cu.m	85.38	\$ 78.10	\$ 6,668.18		
II	CONCRETE WORKS					\$ 14,745.07				\$ 13,705.10	
1	Column 30/30										
	Reinforced concrete of Column 300mm x 300mm , 24 Mpa (D12mm x Ø8mm)										
	Concrete FC = 24 Mpa	Cu.m	17.86	\$ 169.49	\$ 3,026.46	Cu.m	17.86	\$ 159.55	\$ 2,848.97		
	Reinforcement Steel	Kg	1879.69	\$ 1.45	\$ 2,719.91	Kg	1879.69	\$ 1.66	\$ 3,118.41		
	FormWork	Sq.m	71.25	\$ 36.59	\$ 2,607.04	Sq.m	71.25	\$ 28.84	\$ 2,054.85		
2	Ground Beam 25/20										
	Reinforced concrete of Ground Beam 250mm x 200 24 Mpa(D12mm x Ø8mm)										
	Concrete FC = 24 Mpa	Cu.m	7.12	\$ 169.49	\$ 1,205.92	Cu.m	7.12	\$ 159.55	\$ 1,135.20		
	Reinforcement Steel	Kg	767.76	\$ 1.45	\$ 1,110.94	Kg	767.76	\$ 1.66	\$ 1,273.71		
	FormWork	Sq.m	35.58	\$ 26.78	\$ 952.70	Sq.m	35.58	\$ 17.54	\$ 623.99		
3	Top Beam 15/15										
	Reinforced concrete of Top Beam 150 mm x 150mm, 24 Mpa(D12mm x Ø8mm)										
	Concrete FC = 24 Mpa	Cu.m	3.20	\$ 169.49	\$ 542.66	Cu.m	3.20	\$ 159.55	\$ 510.83		
	Reinforcement Steel	Kg	692.81	\$ 1.45	\$ 1,002.50	Kg	692.81	\$ 1.66	\$ 1,149.37		
	FormWork	Sq.m	21.35	\$ 44.97	\$ 959.88	Sq.m	21.35	\$ 17.54	\$ 374.39		
4	Concrete Slab Entrance & Exit + Cover Steel Struktur Thickness 150 mm										
	Concrete FC = 24 Mpa	Cu.m	2.36	\$ 169.49	\$ 400.00	Cu.m	2.36	\$ 159.55	\$ 376.54		
	Reinforcement Steel	Kg	118.46	\$ 1.45	\$ 171.42	Kg	118.46	\$ 1.66	\$ 196.53		
	FormWork	Sq.m	0.36	\$ 26.78	\$ 9.64	Sq.m	0.36	\$ 17.54	\$ 6.31		
5	Supply and install Angkur	Pcs	12.00	\$ 3.00	\$ 36.00	Pcs	12.00	\$ 3.00	\$ 36.00		
III	WALL WORKS					\$ 9,865.44				\$ 9,169.52	
1	Wall concrete block 40x20x10 cm , 1Pc : 4 ps grade A1 & all necessary works	Sq.m	298.97	\$ 15.25	\$ 4,559.29	Sq.m	298.97	\$ 13.80	\$ 4,125.78		
2	Wall plester (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	597.94	\$ 5.98	\$ 3,575.68	Sq.m	597.94	\$ 5.46	\$ 3,264.74		
3	Finishing with cement mortar	Sq.m	539.09	\$ 3.21	\$ 1,730.48	Sq.m	539.09	\$ 3.30	\$ 1,779.00		
IV	STEEL WORKS					\$ 12,474.97				\$ 8,612.59	
1	Supply and Install Hollow Struktur 80x80x2mm For Gate and Fence	Kg	571.44	\$ 5.31	\$ 3,034.34	Kg	571.44	\$ 3.65	\$ 2,085.75		
2	Supply and Install Hollow 30x30x2mm	Kg	1716.66	\$ 5.31	\$ 9,115.46	Kg	1716.66	\$ 3.65	\$ 6,265.80		
3	Supply and Install Angle Iron besi Siku 30x30x3mm	Kg	38.64	\$ 5.31	\$ 205.18	Kg	38.64	\$ 3.65	\$ 141.04		
4	Supply and install Fence Wheel	Unit	12.00	\$ 10.00	\$ 120.00	Unit	12.00	\$ 10.00	\$ 120.00		
V	NEW PAVING WORK					\$ 2,914.88				\$ 2,258.68	
1	Suplly and Instal Paving block 270 x 125 x 80mm	Sq.m	111.31	\$ 25.44	\$ 2,831.60		111.31	\$ 19.62	\$ 2,183.80		



ANEXA DE DESENVOLVIMENTO NACIONAL (ADN)

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR HEALTH POST AND PROFESSIONAL RESIDENCE-AILEU MUNICIPALITY

LOCATION : REMIXIO,FATURASA AILEU MUNICIPALITY-TIMOR LESTE

COST ESTIMATION										
NO	CODE	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY AND			
			UNIT	QUANTI TY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	
FENCE										
	2	Supply and Instal Kerb stone 40 x 10 x 20 mm	M1	6.00	\$ 13.88	\$ 83.28		6.00	\$ 12.48	\$ 74.88
VI LANDSCAPING WORK						\$ 850.00				\$ 420.00
	1	Supply and Instal soil black for planting flowers	Ls	1.00	\$ 150.00	\$ 150.00		1.00	\$ 120.00	\$ 120.00
	2	Supply & planting Wodyetia Bifurcata (Palem Tupai)	unit	5.00	\$ 85.00	\$ 425.00		5.00	\$ 30.00	\$ 150.00
	3	Supply & planting flowers sisygium Oleia (Pucuk Merah) coordinate with site engineers	unit	5.00	\$ 50.00	\$ 250.00		5.00	\$ 25.00	\$ 125.00
	4	supply & install nine clock flowers (Bunga Pukul)	Ls	1.00	\$ 25.00	\$ 25.00		1.00	\$ 25.00	\$ 25.00
VII PAINTING WORKS						\$ 2,747.12				\$ 2,818.87
	1	Painting Steel Hollow (Stainless Steel Paint) Two Layers paint Propose to use "dempul" with SAN-POLAC or similar, before finishing with the steel painting	Ls	1.00	\$ 750.00	\$ 750.00	Ls	1.00	\$ 750.00	\$ 750.00
	2	Wall Painting	Sq.m	597.94	\$ 3.34	\$ 1,997.12	Sq.m	597.94	\$ 3.46	\$ 2,068.87
GRAND TOTAL CONSTRUCTION						\$ 56,484.58				\$ 44,546.59



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

COST ESTIMATE

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION OF COMMUNITY HEALTH CENTRE (CHC)

LOCATION : LEBUTU , LAPAT, MANUSA, HATULIA - A, ERMERA MUNICIPALITY - TIMOR-LESTE

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
A	COMMUNITY HEALTH CENTRE (CHC)								
I	PREPARATION WORKS								
1	Mobilization and Demobilization Contractor	Ls	1,00	\$ 2.000,00	\$ 2.000,00	Ls	1,00	\$ 2.000,00	\$ 2.000,00
2	Project sing board	Unit	1,00	\$ 80,00	\$ 80,00	Unit	1,00	\$ 83,01	\$ 83,01
3	Water Supply for Works	Ls	1,00	\$ 300,00	\$ 300,00	Ls	1,00	\$ 300,00	\$ 300,00
4	Electrical Supply power and lighting	Ls	1,00	\$ 500,00	\$ 500,00	Ls	1,00	\$ 500,00	\$ 500,00
5	Site Cleaning and Levelling	Sq.m	608,19	\$ 1,40	\$ 851,47	Sq.m	608,19	\$ 1,40	\$ 851,47
6	Bowplank / frame work	M'	263,97	\$ 10,29	\$ 2.716,22	M'	263,97	\$ 10,29	\$ 2.716,25
7	Site Office 4 m x 4 m	Sq.m	16,00	\$ 135,80	\$ 2.172,80	Sq.m	16,00	\$ 124,15	\$ 1.986,40
8	Material Storage 3 m x 5 m	Sq.m	15,00	\$ 118,68	\$ 1.780,20	Sq.m	15,00	\$ 124,15	\$ 1.862,25
9	Documentation & Report	Ls	1,00	\$ 100,00	\$ 100,00	Ls	1,00	\$ 100,00	\$ 100,00
10	Material Testing	Ls	1,00	\$ 1.000,00	\$ 1.000,00	Ls	1,00	\$ 500,00	\$ 500,00
	Sub Total				\$ 11.500,68	\$ 10.899,38			
II	FUNDATION WORKS								
1	Excavation Earth Foundation	Cu.m	266,82	\$ 5,14	\$ 1.371,45	Cu.m	266,82	\$ 5,14	\$ 1.371,45
2	Sand Bedding under foundation Thinkness 50mm	Cu.m	38,35	\$ 11,89	\$ 455,95	Cu.m	38,35	\$ 8,29	\$ 317,92
3	Stone Masonry 1 pc : 3 ps	Cu.m	186,48	\$ 80,53	\$ 15.017,44	Cu.m	186,48	\$ 112,88	\$ 21.049,86
4	Back Filling sides of foundation	Cu.m	200,66	\$ 1,70	\$ 341,13	Cu.m	200,66	\$ 1,70	\$ 341,12
5	Compacted Foundation Fill	Cu.m	240,80	\$ 4,20	\$ 1.011,34	Cu.m	240,80	\$ 4,20	\$ 1.011,36
	Sub Total				\$ 18.197,31	\$ 24.091,72			
III	CONCRETE WORKS								
I	FOOTING FONDATION								
	Reinforced concrete of Sloof 300mm x 150mm sloof, 24 Mpa(Ø12mm x Ø10mm)								
	Concrete FC = 24 Mpa	Cu.m	6,46	\$ 124,27	\$ 803,03	Cu.m	6,46	\$ 174,72	\$ 1.128,69
	Reinforcement Steel	Kg	1355,20	\$ 1,51	\$ 2.046,35	Kg	1355,20	\$ 1,73	\$ 2.343,14
	FormWork	Sq.m	36,72	\$ 18,54	\$ 680,79	Sq.m	36,72	\$ 18,54	\$ 680,79
2	GROUND BEAM B1 20/25								
	Reinforced concrete of Sloof 200mm x 250mm sloof, 24 Mpa(Ø12mm x Ø8mm)								
	Concrete FC = 24 Mpa	Cu.m	19,22	\$ 124,27	\$ 2.388,56	Cu.m	19,22	\$ 174,72	\$ 3.358,12
	Reinforcement Steel	Kg	2839,54	\$ 1,51	\$ 4.287,70	Kg	2839,54	\$ 1,73	\$ 4.909,56
	FormWork	Sq.m	192,21	\$ 27,71	\$ 5.326,06	Sq.m	192,21	\$ 30,57	\$ 5.875,86
3	TOP BEAM B2 15/20								
	Reinforced concrete of Sloof 150mm x 200mm sloof, 24 Mpa(Ø12mm x Ø8mm)								
	Concrete FC = 24 Mpa	Cu.m	11,53	\$ 124,27	\$ 1.433,13	Cu.m	11,53	\$ 174,72	\$ 2.014,52
	Reinforcement Steel	Kg	2301,87	\$ 1,51	\$ 3.475,83	Kg	2301,87	\$ 1,73	\$ 3.979,93
	FormWork	Sq.m	153,77	\$ 27,71	\$ 4.260,84	Sq.m	153,77	\$ 30,57	\$ 4.700,75
4	COLUMN C1 20/20								
	Reinforced concrete of Sloof 200mm x 200mm sloof, 24 Mpa(Ø12mm x Ø8mm)								
	Concrete FC = 24 Mpa	Cu.m	13,32	\$ 124,27	\$ 1.655,13	Cu.m	13,32	\$ 174,72	\$ 2.327,27

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
	Reinforcement Steel	Kg	3038.73	\$ 1,51	\$ 4,588,48	Kg	3038.73	\$ 1,73	\$ 5,253,96
	FormWork	Sq.m	266,38	\$ 37,90	\$ 10,095,65	Sq.m	266,38	\$ 30,57	\$ 8,143,24
5	COLUMN C2 15/15								
	Reinforced concrete of Sloof 150mm x 150mm sloof, 24 Mpa(Ø10mm x Ø8mm)								
	Concrete FC = 24 Mpa	Cu.m	1,98	\$ 124,27	\$ 245,60	Cu.m	1,98	\$ 174,72	\$ 345,95
	Reinforcement Steel	Kg	332,43	\$ 1,51	\$ 501,97	Kg	332,43	\$ 1,73	\$ 574,77
	FormWork	Sq.m	52,70	\$ 37,90	\$ 1,997,41	Sq.m	52,70	\$ 30,57	\$ 1,611,04
6	COLUMN C3 25/15								
	Reinforced concrete of Sloof 250mm x 150mm sloof, 24 Mpa(Ø12mm x Ø8mm)								
	Concrete FC = 24 Mpa	Cu.m	1,43	\$ 124,27	\$ 177,97	Cu.m	1,43	\$ 174,72	\$ 249,85
	Reinforcement Steel	Kg	339,25	\$ 1,51	\$ 512,27	Kg	339,25	\$ 1,73	\$ 586,56
	FormWork	Sq.m	30,55	\$ 37,90	\$ 1,157,92	Sq.m	30,55	\$ 30,57	\$ 933,91
8	LITTLE BEAM 10/15 (Top Roofing, Top frame Window and Door)								
	Reinforced concrete of Sloof 100mm x 100mm sloof, 24 Mpa(Ø10mm x Ø8mm)								
	Concrete FC = 24 Mpa	Cu.m	2,34	\$ 124,27	\$ 291,21	Cu.m	2,34	\$ 174,72	\$ 409,44
	Reinforcement Steel	Kg	550,12	\$ 1,51	\$ 830,69	Kg	550,12	\$ 1,73	\$ 951,16
	FormWork	Sq.m	46,87	\$ 37,90	\$ 1,776,29	Sq.m	46,87	\$ 30,57	\$ 1,432,75
9	CONCRETE ROOFING PLATE								
	Concrete FC = 24 Mpa	Cu.m	12,20	\$ 124,27	\$ 1,515,52	Cu.m	12,20	\$ 174,72	\$ 2,130,78
	Reinforcement Steel	Kg	121,95	\$ 1,51	\$ 184,15	Kg	121,95	\$ 1,73	\$ 210,86
	FormWork	Sq.m	121,95	\$ 46,67	\$ 5,691,58	Sq.m	121,95	\$ 49,54	\$ 6,041,59
10	Polyethylene Membrane plastic Sheet 0.2mm	Sq.m	467,39	\$ 3,50	\$ 1,635,87	Sq.m	467,39	\$ 1,47	\$ 685,51
11	Wiremesh under floor Ø 8 - N 150 mm	Kg	2360,20	\$ 1,51	\$ 3,563,91	Kg	2360,20	\$ 1,34	\$ 3,151,27
12	Concrete Floor , 24 Mpa	Cu.m	43,36	\$ 124,27	\$ 5,388,50	Cu.m	43,36	\$ 174,72	\$ 7,576,08
	Sub Total				\$ 66,512,43				\$ 71,607,35
IV	WALL WORKS								
1	Wall concrete block Hollow inc. corefill (39x19x15), 1Pc : 4 ps 12 MpA & all necessary works	Sq.m	896,29	\$ 46,73	\$ 41,883,62	Sq.m	896,29	\$ 39,63	\$ 35,519,96
2	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	3585,16	\$ 5,24	\$ 18,786,23	Sq.m	3585,16	\$ 5,65	\$ 20,256,15
3	Finishing with cement morlar	Sq.m	3585,16	\$ 3,23	\$ 11,580,06	Sq.m	3585,16	\$ 3,28	\$ 11,759,32
	Sub Total				\$ 72,249,92				\$ 47,535,44
V	DOOR AND WINDOW WORKS (Almunium G & S)								
1	Supply and Install Door Type D01 1500 x 2600 mm, Alumminium Frame With Leaf Solid Core With Glass including all assessories & finishing/Pintu Panel Aluminium	Unit	1	\$ 727,00	\$ 727,00	Unit	1	\$ 693,00	\$ 693,00
2	Supply and Install Door Type D02 1500 x 2600 mm', Alumminium Frame With Leaf Solid Core 40mm, including all assessories & finishing	Unit	3	\$ 527,00	\$ 1,581,00	Unit	3	\$ 693,00	\$ 2,079,00
3	Supply and Install Door Type D03 1000 x 2600 mm', Alumminium Frame With Leaf Solid Core 40mm, including all assessories & finishing	Unit	14	\$ 378,50	\$ 5,299,00	Unit	14	\$ 472,00	\$ 6,608,00
4	Supply and Install Door Type D04 800 x 2600 mm', Alumminium Frame With Leaf Solid Core 40mm, including all assessories & finishing	Unit	4	\$ 363,50	\$ 1,454,00	Unit	4	\$ 383,60	\$ 1,534,40
5	Supply and Install Door Type D05 800 x 2100 mm', Alumminium Frame With Leaf Solid Core Composit Panel , including all assessories & finishing	Unit	9	\$ 288,50	\$ 2,596,50	Unit	9	\$ 383,60	\$ 3,452,40
6	Supply and Install Door Type Sliding Door D06 1400 x 2600 mm, Steel Hollow With Leaf Triplex 9mm With PB 2,1mm (penahan radiasi) including all assessories & finishing painting duco	Unit	1	\$ 760,00	\$ 760,00	Unit	1	\$ 760,00	\$ 760,00
7	Supply and Install Door Type Sliding Door D07 800 x 2600 mm, Steel Hollow With Leaf Triplex 9mm With PB 2,1mm (penahan radiasi) including all assessories & finishing painting duco	Unit	2	\$ 450,00	\$ 900,00	Unit	2	\$ 450,00	\$ 900,00
8	Supply and Install Door Type D08 900 x 2600 mm', Alumminium Frame With Leaf Solid Core 40mm, including all assessories & finishing	Unit	1	\$ 298,50	\$ 298,50	Unit	1	\$ 383,60	\$ 383,60
9	Supply and Install Door Hingn and door Stopper, including all assessories & finishing	Unit	34	\$ 70,00	\$ 2,380,00	Unit	34	\$ 70,00	\$ 2,380,00
10	Supply and Install Window Alumminium frame Type W01 420 x 2050 mm including all assessories,	Unit	2	\$ 179,00	\$ 358,00	Unit	2	\$ 168,63	\$ 337,25
11	Supply and Install Window Alumminium frame Type W02 1550 x 1600 mm including all assessories,	Unit	12	\$ 303,00	\$ 3,636,00	Unit	12	\$ 379,60	\$ 4,555,20
12	Supply and Install Window Alumminium frame Type W03 2300 x 1600 mm including all assessories,	Unit	1	\$ 398,00	\$ 398,00	Unit	1	\$ 553,60	\$ 553,60

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
13	Supply and Install Window Alumminium frame Type W04 2300 x 1600 mm including all accessories.	Unit	7	\$ 398,00	\$ 2.786,00	Unit	7	\$ 553,60	\$ 3.875,20
14	Supply and Install Window Alumminium frame Type W05 1550 x 1600 mm including all accessories.	Unit	1	\$ 298,00	\$ 298,00	Unit	1	\$ 379,60	\$ 379,60
15	Supply and Install Window Alumminium frame Type W06 2300 x 1200 mm including all accessories.	Unit	4	\$ 258,00	\$ 1.032,00	Unit	4	\$ 420,20	\$ 1.680,80
16	Supply and Install Window Alumminium frame Type W07 1550 x 1200 mm including all accessories.	Unit	6	\$ 198,00	\$ 1.188,00	Unit	6	\$ 289,70	\$ 1.738,20
17	Supply & install Glasses Ventilation 800 x 500 mm	Unit	8	\$ 89,00	\$ 712,00	Unit	8	\$ 66,00	\$ 528,00
	Sub Total				\$ 26.404,00				\$ 32.438,25
VI	ROOFING WORKS								
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 100 x 50	Kg	3673,23	\$ 2,89	\$ 10.615,65	Kg	3673,23	\$ 3,90	\$ 14.325,61
2	Supply & Install Steel Purlin Rondo 45 x 35 x 1 mm	Kg	1322,91	\$ 2,89	\$ 3.823,20	Kg	1322,91	\$ 3,90	\$ 5.159,33
3	Supply & Install Roof Mesh	Sq.m	567,16	\$ 4,16	\$ 2.359,40	Sq.m	567,16	\$ 3,99	\$ 2.262,53
4	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	567,16	\$ 5,19	\$ 2.943,57	Sq.m	567,16	\$ 2,97	\$ 1.684,35
5	Supply and Install Zincalum Colorbond Thickness 0,42 mm (TCT); including all accessories	Sq.m	567,16	\$ 18,84	\$ 10.685,34	Sq.m	567,16	\$ 19,06	\$ 10.810,12
6	Supply & install HD Plate 6mm	Unit	137,00	\$ 6,50	\$ 890,50	Unit	137,00	\$ 6,66	\$ 911,74
7	Supply & install Ridge Caping 0,42 mm	M'	55,75	\$ 14,71	\$ 820,14	M'	55,75	\$ 14,66	\$ 817,35
8	Supply and Installation of lisplank around the roof 200 x 30	M'	112,41	\$ 14,71	\$ 1.653,57	M'	112,41	\$ 14,66	\$ 1.647,95
9	Supply and Installation Roof Ventilator Edmonds Hurricane H400 turbine rotary roof ventilator, complete with proprietary base including all flashing, anti-corrosion, low moisture transmission	Unit	3,00	\$ 1.275,00	\$ 3.825,00	Unit	3,00	\$ 175,45	\$ 526,35
	Sub Total				\$ 37.616,37				\$ 38.145,33
VII	CEILING WORKS								
1	Supply & Install Steel Ceiling Joist Channel C 100 x 50 x 1 mm	Kg	1268,14	\$ 2,89	\$ 3.664,94	Kg	1268,14	\$ 3,90	\$ 4.945,76
2	Supply & Install Steel ceiling batten Rondo V 45 x 35 x 0.75 tices	Kg	1673,17	\$ 2,89	\$ 4.835,46	Kg	1673,17	\$ 3,90	\$ 6.525,37
3	Supply & Install Ceiling Calciboard 6 mm	Sq.m	481,79	\$ 13,63	\$ 6.566,87	Sq.m	481,79	\$ 13,08	\$ 6.301,88
4	Supply and install List ceiling	Ln.m	616,37	\$ 3,71	\$ 2.286,73	Ln.m	616,37	\$ 3,71	\$ 2.286,73
	Sub Total				\$ 17.353,99				\$ 20.059,73
VIII	FLOOR TILE WORKS								
1	Supply & Install tile 600x600 mm (Asia Tile) simillar approval by Engineer	Sq.m	455,36	\$ 31,03	\$ 14.129,70	Sq.m	455,36	\$ 26,09	\$ 11.880,24
2	Supply & install Rough Floor Tiles 200 x 200 mm, of colour Grey tile antislip for toilet, simillar approval by Engineer	Sq.m	26,44	\$ 19,68	\$ 520,31	Sq.m	26,44	\$ 22,80	\$ 602,80
3	Supply & install Tile wall 200 x 250 mm, of colour Grey tile wall 2 M for toilet, simillar approval by Engineer	Sq.m	118,69	\$ 21,51	\$ 2.553,11	Sq.m	118,69	\$ 13,47	\$ 1.598,81
4	Supply & install Tile scerting 10x60 cm	M'	318,11	\$ 6,51	\$ 2.070,89	M'	318,11	\$ 3,25	\$ 1.033,85
	Sub Total				\$ 19.274,02				\$ 15.115,71
IX	ELECTRICAL WORKS								
1	Supply & install Distribution Panel board (800 x 600 x 250 mm) + all accessories (Inc.Connect to EDTL)	Ls	1,00	\$ 500,00	\$ 500,00	Ls	1,00	\$ 423,71	\$ 423,71
2	Supply & install Exhaust Fan Panasonic 45watt + all accessories	Unit	4,00	\$ 105,00	\$ 420,00	Unit	4,00	\$ 42,18	\$ 168,72
3	Supply & install Ceiling Fan Panasonic 75 watt + all accessories	Unit	10,00	\$ 106,59	\$ 1.065,90	Unit	10,00	\$ 81,03	\$ 810,30
4	Supply & install Ac 1 PK Merk Ponasonic + all accessories	Unit	10,00	\$ 400,00	\$ 4.000,00	Unit	10,00	\$ 567,28	\$ 5.672,80
5	Supply & install DownLighting Phillips 24 watt	Unit	43,00	\$ 41,88	\$ 1.800,84	Unit	43,00	\$ 18,55	\$ 797,65
6	Supply & install Lighting F1 TL 2x36 Watt	Unit	35,00	\$ 72,93	\$ 2.552,55	Unit	35,00	\$ 63,18	\$ 2.211,30
7	Supply & install power outlet + all Accessories	Unit	76,00	\$ 16,83	\$ 1.279,08	Unit	76,00	\$ 8,82	\$ 670,62
8	Supply & install Cable 3x2,5mm SNI Standard + all Accessories	M'	1201,00	\$ 6,50	\$ 7.806,50	M'	1201,00	\$ 3,71	\$ 4.455,71
9	Supply & install Cable 3x1,5mm SNI Standard + all Accessories	M'	336,00	\$ 6,50	\$ 2.184,00	M'	336,00	\$ 3,71	\$ 1.246,56
10	Supply & install Cable 2x25mm SNI Standard + all Accessories	M'	75,00	\$ 15,53	\$ 1.164,75	M'	75,00	\$ 3,40	\$ 255,27
11	Supply & install double switch + all Accessories	Unit	2,00	\$ 16,83	\$ 33,66	Unit	2,00	\$ 6,46	\$ 12,92
12	Supply & install single switch + all Accessories	Unit	35,00	\$ 16,21	\$ 567,35	Unit	35,00	\$ 5,94	\$ 207,78
13	Supply & install Twoway Switch Sneider + all Accessories	Unit	2,00	\$ 16,21	\$ 32,42	Unit	2,00	\$ 8,82	\$ 17,65
15	Supply & install Grounding Rod (Penangkal Petir)								\$ -
	Cable Arde BC 6 Single KURN	M'	20,00	3,50	\$ 70,00	M'	20,00	\$ 7,00	\$ 140,00
	Busbar	Unit	1,00	25,00	\$ 25,00	Unit	1,00	\$ 25,00	\$ 25,00
	Besi Tembaga For Grounding /Stick Ground Original	Unit	1,00	55,00	\$ 55,00	Unit	1,00	\$ 22,50	\$ 22,50
	Pipa PVC 1 1/4"	M'	12,00	10,00	\$ 120,00	M'	12,00	\$ 10,00	\$ 120,00
	Tilik pengeboran	M'	2,00	55,00	\$ 110,00	M'	2,00	\$ 30,00	\$ 60,00

P-4

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN									
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)						
	Tiang Penangkal 2"	Unit	1,00	\$ 55,00	\$ 55,00	Unit	1,00	\$ 50,00	\$ 50,00						
	Instalasi dan test pembumian dengan batas maximum 0,5 Ohm	Ls	1,00	\$ 100,00	\$ 100,00	Ls	1,00	\$ 100,00	\$ 100,00						
	Sub Total				\$ 23.942,05	\$ 17.468,49									
X	MECHANICAL WORKS														
1	Washing Machine 10 kg (Sharp, LG, Samsung or equal)	Unit	1,00	\$ 750,00	\$ 750,00	Unit	1,00	\$ 750,00	\$ 750,00						
2	Fire Extinguisher (FE)	Standard NFPA International, etc. Type : ABC Multy Dry Chemical Capacity : 4.5 Kg Temperature : - 20 to 55 o Celcius Fire Ratings : 55B (BS EN3 1996) Pressure Test : 200 Bar Pressure Tank : 58 Bar Spray max : 4 - 6 Meter	Unit	4,00	\$ 1.320,00	Unit	4,00	\$ 330,00	\$ 1.320,00						
	Sub Total				\$ 2.070,00	\$ 2.070,00									
XI	SANITASI WORKS														
1	Supply & install Water Closet merk TOTO+ all Accessories	Unit	8,00	\$ 252,96	\$ 2.023,68	Unit	9,00	\$ 252,96	\$ 2.276,64						
2	Supply & install Hand Basin merk TOTO + all accessories	Unit	15,00	\$ 174,21	\$ 2.613,15	Unit	15,00	\$ 174,21	\$ 2.613,15						
3	Supply & install Zink + all accessories	Unit	1,00	\$ 72,97	\$ 72,97	Unit	1,00	\$ 72,97	\$ 72,97						
4	Supply & install Hose Cook (inc.Valve and Accessories)	Unit	8,00	\$ 36,46	\$ 291,68	Unit	9,00	\$ 36,46	\$ 328,14						
5	Supply & install fiber Water Box	Unit	8,00	\$ 192,22	\$ 1.537,76	Unit	9,00	\$ 192,22	\$ 1.729,98						
6	Supply & install Toilet Roll Holder	Unit	8,00	\$ 10,80	\$ 86,40	Unit	9,00	\$ 10,80	\$ 97,20						
7	Supply & install Toilet Floor drain	Unit	8,00	\$ 5,60	\$ 44,80	Unit	9,00	\$ 5,60	\$ 50,40						
8	Supply & install Steel Holder for Dissability/ Pegangan toilet	Unit	2,00	\$ 55,00	\$ 110,00	Unit	2,00	\$ 55,00	\$ 110,00						
9	Mirror	Unit	12,00	\$ 38,50	\$ 462,00	Unit	12,00	\$ 38,50	\$ 462,00						
10	Soap Dispencer	Unit	13,00	\$ 25,00	\$ 325,00	Unit	13,00	\$ 25,00	\$ 325,00						
	I.Septiklank Works														
1	Excavation Earth Foundation	Cu.m	24,81	\$ 5,14	\$ 127,52	Cu.m	24,81	\$ 5,14	\$ 127,52						
2	Sand Bedding	Cu.m	1,37	\$ 11,89	\$ 16,28	Cu.m	1,37	\$ 8,29	\$ 11,35						
3	Back Filling	Cu.m	6,50	\$ 1,70	\$ 11,05	Cu.m	6,50	\$ 1,70	\$ 11,05						
4	Anstamping	Cu.m	1,71	\$ 38,92	\$ 66,60	Cu.m	1,71	\$ 38,92	\$ 66,60						
5	Compacted Fill	Cu.m	7,80	\$ 4,20	\$ 32,76	Cu.m	7,80	\$ 4,20	\$ 32,76						
5	Concrete for Box Control 14.5 Mpa	Cu.m	0,10	\$ 114,71	\$ 11,47	Cu.m	0,10	\$ 165,51	\$ 16,55						
6	Reinforced concrete plat cover for Septick , 14.5 Mpa														
	Concrete FC = 14.5 Mpa	Cu.m	1,44	\$ 114,71	\$ 164,61	Cu.m	1,44	\$ 165,51	\$ 237,51						
	Reinforcement Steel	Kg	108,46	\$ 2,50	\$ 271,15	Kg	108,46	\$ 1,73	\$ 187,53						
		FormWork	Sq.m	8,60	\$ 46,67	\$ 401,48	Sq.m	8,60	\$ 40,77	\$ 350,72					
7	COLUMN 15/15														
	Install 1Pc : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 24 Mpa (Ø10mm x Ø12mm)														
	Concreate FC = 14.5 Mpa	Cu.m	0,34	\$ 114,71	\$ 38,71	Cu.m	0,34	\$ 165,51	\$ 55,86						
	Reinforcement Steel	Kg	83,65	\$ 1,51	\$ 126,31	Kg	83,65	\$ 1,73	\$ 144,63						
		FormWork	Sq.m	4,50	\$ 37,90	\$ 170,55	Sq.m	4,50	\$ 30,57	\$ 137,57					
8	Wall for septick 40x20x10cm	Sq.m	35,31	\$ 13,83	\$ 488,27	Sq.m	35,31	\$ 14,49	\$ 511,57						
9	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	35,31	\$ 5,24	\$ 185,00	Sq.m	35,31	\$ 5,65	\$ 199,47						
10	Piping with all accessories	Ls	1,00	\$ 150,00	\$ 150,00	Ls	1,00	\$ 150,00	\$ 150,00						
	II.PIPING WORKS AND ACCESSORIES														
1	Supply & install diameter Pipe 1/2 "	M'	70,18	\$ 2,59	\$ 181,77	M'	70,18	\$ 2,15	\$ 150,89						
2	Supply & install diameter Pipe 3/4 "	M'	123,47	\$ 2,62	\$ 323,50	M'	123,47	\$ 2,59	\$ 319,80						
3	Supply & install diameter Pipe 3"	M'	61,94	\$ 9,70	\$ 600,81	M'	61,94	\$ 10,63	\$ 658,41						
4	Supply & install diameter Pipe 4"	M'	78,00	\$ 12,82	\$ 999,96	M'	78,00	\$ 18,31	\$ 1.428,18						

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN			
		UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)	UNIT	QUANTITY	UNIT PRICE (USD)	AMOUNT (USD)
5	Supply & install Valve gate valve and Fittings	Ls	1.00	\$ 200.00	\$ 200.00	Ls	1.00	\$ 150.00	\$ 150.00
Sub Total					\$ 12,135.25				\$ 13,013.48
XII	PAINTING WORKS								
1	Wall painting (Prepare and apply three coats of 'Nippon 3 in 1 washable acrylic elastomeric coating to :) Color similar approval	Sq.m	3585.16	\$ 3.38	\$ 12,117.84	Sq.m	3585.16	\$ 3.51	\$ 12,583.91
2	Ceiling painting Color similar approval by Engineer	Sq.m	481.79	\$ 3.29	\$ 1,585.11	Sq.m	481.79	\$ 3.42	\$ 1,647.74
Sub Total					\$ 13,702.94				\$ 14,231.65
XIII	APRON & DRAINAGE WORKS								
1	Apron Work								
1.1	Sand Bedding under Floor Thickness 50mm	Cu.m	2.89	\$ 11,89	\$ 34,40	Cu.m	2.89	\$ 8,29	\$ 23,99
1.2	Concrete Floor	Cu.m	5.79	\$ 114,71	\$ 663.77	Cu.m	5.79	\$ 165,51	\$ 957.72
1.3	Wiremesh Apron floor Ø 8 - N 150 mm	Kg	308.13	\$ 1.51	\$ 465.27	Kg	308.13	\$ 1.34	\$ 411.40
2	Drainage Work								
2.1	Lean Concrete of 50mm base of Floor f'c = 14.5 Mpa (K 175)	Cu.m	2.07	\$ 114,71	\$ 237.02	Cu.m	2.07	\$ 165,51	\$ 341.99
2.2	Install 1Pc : 3Sd : 5Ag Reinfor. Concrete Ø 8mm, for drainage f'c 14.5 Mpa	Cu.m	3.31	\$ 162,89	\$ 538.51	Cu.m	3.31	\$ 112,88	\$ 373.18
Sub Total					\$ 1,938.98				\$ 2,108.28
XIV	FURNITURE WORKS								
1	Inpatient Bed 2 Crank, Hi-Low/Back Raise Including Matras	Set	10.00	\$ 1,590.00	\$ 15,900.00	Set	10.00	\$ 1,590.00	\$ 15,900.00
2	Examination Bed including Matras	Set	6.00	\$ 755.70	\$ 4,534.20	Set	6.00	\$ 755.70	\$ 4,534.20
3	Instrument Trolley/Table	Set	6.00	\$ 432.30	\$ 2,593.80	Set	6.00	\$ 432.30	\$ 2,593.80
4	Bed Side Cabinet	Set	10.00	\$ 430.10	\$ 4,301.00	Set	10.00	\$ 430.10	\$ 4,301.00
5	Stainless Steel Medicine Cabinet	Unit	14.00	\$ 1,511.40	\$ 21,159.60	Unit	14.00	\$ 1,511.40	\$ 21,159.60
6	Waiting Chair 3 Seat	Unit	6.00	\$ 377.00	\$ 2,262.00	Unit	6.00	\$ 377.00	\$ 2,262.00
7	Waiting Chair 4 Seat	Unit	3.00	\$ 495.00	\$ 1,485.00	Unit	3.00	\$ 495.00	\$ 1,485.00
8	Single Chair	Unit	24.00	\$ 108.50	\$ 2,604.00	Unit	24.00	\$ 108.50	\$ 2,604.00
9	Metal Shelving 6 Tiers (Perforated Mild Steel) 120 (W) x 50 (D) x 180 (H)	Unit	7.00	\$ 225.00	\$ 1,575.00	Unit	7.00	\$ 225.00	\$ 1,575.00
10	Stainless Steel Bench Sink (double sink) 185 (W) x 60 (D) x 80 (H)	Unit	1.00	\$ 615.00	\$ 615.00	Unit	1.00	\$ 615.00	\$ 615.00
JOINERY									
Joinery Plywood bench top 28mm shelves, drawer fronts and doors, 12mm HPL finish elsewhere, complete with hinges , handles, catches etc,									
11	Reception Counter c/w Shelving	Ln.m	4.00	\$ 275.00	\$ 1,100.00	Ln.m	4.00	\$ 275.00	\$ 1,100.00
12	Working Table 750 High x 1200 long x 700 wide with 1 drawer (300x450) and 1 Door Lockable Stainless Steel D Pull Handle.	Unit	10.00	\$ 225.00	\$ 2,250.00	Unit	10.00	\$ 225.00	\$ 2,250.00
13	Meeting Table 900 High x 2400 long x 1200 wide	Unit	1.00	\$ 770.00	\$ 770.00	Unit	1.00	\$ 770.00	\$ 770.00
Sub Total					\$ 61,149.60				\$ 61,149.60
XV	FINAL CLEARING	Ls	1.00	\$ 250.00	\$ 250.00	Ls	1.00	\$ 100.00	\$ 100.00
Sub Total					\$ 250.00				\$ 100.00
BUILDING A (I+XV) COST					\$ 384,297.55				\$390,034.37





AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

BILL OF QUANTITY

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION OF COMMUNITY HEALTH CENTRE (CHC)

LOCATION : LEBUTU , LAPAT, MANUSAE, HATULIA -A, ERMERA MUNICIPALITY - TIMOR-LESTE

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
B	EXTERNAL WORKS								
1	Provide the provisional sum for Cut, Fill, Retaining wall and install pipe with accessories from wafer resource to CHC include Fence and Garden before implementation Contractor should Submit Shop Drawing and Quatation to Project Owner for Approval	Ls	1,00	\$15.000,0	\$ 15.000,00	Ls	1,00	\$15.000,0	\$ 15.000,00
2	Supply and install Clinic Sign Board (before implementation Contractor should Submit Shop Drawing and Quatation to Project Owner for Approval	Ls	1,00	\$ 150,00	\$ 150,00	Ls	1,00	\$ 150,00	\$ 150,00
	Sub Total				\$15.150,00				\$ 15.150,00
	EXTERNAL WORKS COST (C)				\$15.150,00				\$ 15.150,00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION OF COMMUNITY HEALTH CENTRE (CHC)

LOCATION : LEBUTU , LAPAT, MANUSAE, HATULIA -A, ERMERA MUNICIPALITY - TIMOR-LESTE

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
a	b	c	d						
1	Overhead Works								
1	Site safety and Protective Clothing	Ls	1,00	\$ 150,00	\$ 150,00	Ls	1,00	\$ 150,00	\$ 150,00
3	Site Engineer fee	Ls	1,00	\$2.100,00	\$ 2.100,00	Ls	1,00	\$ 3.500,00	\$ 3.500,00
4	Security fee for (2 Person)	Ls	1,00	\$2.100,00	\$ 2.100,00	Ls	1,00	\$ 2.100,00	\$ 2.100,00
5	As-Built drawing	Ls	1,00	\$ 100,00	\$ 100,00	Ls	1,00	\$ 100,00	\$ 100,00
	Overhead Works Cost				\$ 4.450,00				\$ 5.850,00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 18 - 11 - 24

Data do Documentos : 15 - 11 - 24

Husi : Ms - UTPS

No. Ref : 423 /Ms - UTPS /ADN /xi /2024

Projecto : * New construction of Community

Health center (CHC) Lebute, Labat,
Manusae Hatula - A Emea municipality.

* New construction for Doctor

House (3 unit) Gleno Esmeralda Municipality

Quantidade Documentos : 5

Anexo :

* BOA + Desenho : 2

* USB : 1

* Technical specification : 2

Assuntos :

Pedido Verificação

No.Tlf :

Companhia :

Despacho :

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

Sobras para execução

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

Data : 18.11.24

Rui Lourenço da Costa
Director Executivo ADN



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA MUNICIPALITY-TIMOR LESTE

GRAND SUMMARY

N o	WORK DESCRIPTION	PROPOSED BY OWNER		VERIFIED BY ADN,I.P	
		AMOUNT (US\$)		AMOUNT (US\$)	
A	BUILDING DOCTOR HOUSE NO. A&B				
I	PREPARATION WORKS	\$	8.160,76		
II	FOUNDATION WORKS	\$	5.741,00		
III	CONCRETE WORKS	\$	24.949,99		
IV	WALL INSTALLATION AND PLASTERING	\$	15.127,83		
V	STAIRS WORKS	\$	178,69		
VI	DOORS & WINDOWS WORKS	\$	16.860,00		
VII	ROOFING WORKS	\$	22.053,86		
VIII	CEILING WORKS	\$	9.257,63		
IX	TILE WORKS	\$	7.144,16		
X	ELECTRICAL WORKS	\$	9.671,94		
XI	SANITATION WORKS	\$	10.466,77		
XII	PAINTING WORKS	\$	2.461,51		
XIII	WATER TOWER WORKS	\$	8.794,14		
XIV	FURNITURE	\$	10.117,50		
XV	FINAL CLEARING	\$	450,00		
	BUILDING DOCTOR HOUSE A			\$	57.489,64
	BUILDING DOCTOR HOUSE B1			\$	51.365,21
	BUILDING DOCTOR HOUSE B2			\$	44.695,10
B	TOTAL CONSTRUCTION COST	\$	151.435,76	\$	153.549,94
C	CONTRACTOR FEE (10% x B)	\$	15.143,58	\$	15.354,99
D	OVER HEAD	\$	5.500,00	\$	5.550,00
	CONTINGENCY (10% x B)			\$	15.354,99
E	TAXA 2% x (B+C+D)	\$	3.441,59	\$	3.489,10
F	CONTINGENCY (10% x B)	\$	15.143,58		
G	GRAND TOTAL (B+C+D+E+F)	\$	190.664,50	\$	193.299,03

Verified by :

Francisca da Costa Ximenes
Engineering UAP ADN.I.P

Angelica da Costa
Electrical Engineering UAP ADN.I.P

Checked by:

Johannes Hornay
Chefe Departamento do EPMEITCM
ADN.I.P

Certified by:

Arch. José Fernando Liu Soares
Coordenador do UAP ADN.I.P
15/07/2025



AGENCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE A

LOCATION : GLENO, ERMERA MUNICIPALITY-TIMOR LESTE

<u>SUMMARY</u>			
No	WORK DESCRIPTION	PROPOSED BY OWNER	VERIFIED BY ADN,I.P
		AMOUNT (US\$)	AMOUNT (US\$)
A	BUILDING DOCTOR HOUSE No. A		
I	PREPARATION WORKS	\$ 3.862,14	\$ 6.577,19
II	FOUNDATION WORKS	\$ 1.913,67	\$ 2.062,91
III	CONCRETE WORKS	\$ 8.316,66	\$ 8.032,44
IV	WALL INSTALLATION AND PLASTERING	\$ 5.042,61	\$ 5.172,49
V	STAIRS WORKS	\$ 59,56	\$ 67,22
VI	DOORS & WINDOWS WORKS	\$ 5.620,00	\$ 4.596,94
VII	ROOFING WORKS	\$ 7.351,29	\$ 8.555,88
VIII	CEILING WORKS	\$ 3.085,88	\$ 3.777,15
IX	TILE WORKS	\$ 2.381,39	\$ 2.540,80
X	ELECTRICAL WORKS	\$ 3.223,98	\$ 3.224,11
XI	SANITATION WORKS	\$ 4.223,96	\$ 4.239,09
XII	PAINTING WORKS	\$ 820,50	\$ 861,78
XIII	WATER TOWER WORKS	\$ 4.397,07	\$ 4.343,14
XIV	FURNITURE	\$ 3.372,50	\$ 3.338,50
XV	FINAL CLEARING	\$ 150,00	\$ 100,00
B	TOTAL CONTRUCTION COST	\$ 53.821,20	\$ 57.489,64



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE B1

LOCATION : GLENO, ERMERA MUNICIPALITY-TIMOR LESTE

SUMMARY

No	WORK DESCRIPTION	PROPOSED BY OWNER AMOUNT (US\$)	VERIFIED BY AND,I.P AMOUNT (US\$)
A	BUILDING DOCTOR HOUSE No. B1		
I	PREPARATION WORKS	\$ 3.862,14	\$ 452,76
II	FOUNDATION WORKS	\$ 1.913,67	\$ 2.062,91
III	CONCRETE WORKS	\$ 8.316,66	\$ 8.032,44
IV	WALL INSTALLATION AND PLASTERING	\$ 5.042,61	\$ 5.172,49
V	STAIRS WORKS	\$ 59,56	\$ 67,22
VI	DOORS & WINDOWS WORKS	\$ 5.620,00	\$ 4.596,94
VII	ROOFING WORKS	\$ 7.351,29	\$ 8.555,88
VIII	CEILING WORKS	\$ 3.085,88	\$ 3.777,15
IX	TILE WORKS	\$ 2.381,39	\$ 2.540,80
X	ELECTRICAL WORKS	\$ 3.223,98	\$ 3.224,11
XI	SANITATION WORKS	\$ 4.223,96	\$ 4.239,09
XII	PAINTING WORKS	\$ 820,50	\$ 861,78
XIII	WATER TOWER WORKS	\$ 4.397,07	\$ 4.343,14
XIV	FURNITURE	\$ 3.372,50	\$ 3.338,50
XV	FINAL CLEARING	\$ 150,00	\$ 100,00
B	TOTAL CONTRUCTION COST	\$ 53.821,20	\$ 51.365,21



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE B2

LOCATION : GLENO, ERMERA MUNICIPALITY-TIMOR LESTE

SUMMARY

No	WORK DESCRIPTION	PROPOSED BY OWNER		VERIFIED BY ADN,I.P	
		AMOUNT (US\$)	AMOUNT (US\$)	AMOUNT (US\$)	AMOUNT (US\$)
A	BUILDING DOCTOR HOUSE No. B2				
I	PREPARATION WORKS	\$ 436,48	\$ 436,48	\$ 452,76	\$ 452,76
II	FOUNDATION WORKS	\$ 1.913,67	\$ 1.913,67	\$ 2.062,91	\$ 2.062,91
III	CONCRETE WORKS	\$ 8.316,66	\$ 8.316,66	\$ 8.032,44	\$ 8.032,44
IV	WALL INSTALLATION AND PLASTERING	\$ 5.042,61	\$ 5.042,61	\$ 5.172,49	\$ 5.172,49
V	STAIRS WORKS	\$ 59,56	\$ 59,56	\$ 67,22	\$ 67,22
VI	DOORS & WINDOWS WORKS	\$ 5.620,00	\$ 5.620,00	\$ 4.596,94	\$ 4.596,94
VII	ROOFING WORKS	\$ 7.351,29	\$ 7.351,29	\$ 8.555,88	\$ 8.555,88
VIII	CEILING WORKS	\$ 3.085,88	\$ 3.085,88	\$ 3.777,15	\$ 3.777,15
IX	TILE WORKS	\$ 2.381,39	\$ 2.381,39	\$ 2.540,80	\$ 2.540,80
X	ELECTRICAL WORKS	\$ 3.223,98	\$ 3.223,98	\$ 3.224,11	\$ 3.224,11
XI	SANITATION WORKS	\$ 2.018,85	\$ 2.018,85	\$ 1.912,12	\$ 1.912,12
XII	PAINTING WORKS	\$ 820,50	\$ 820,50	\$ 861,78	\$ 861,78
XIII	FURNITURE	\$ 3.372,50	\$ 3.372,50	\$ 3.338,50	\$ 3.338,50
XIV	FINAL CLEARING	\$ 150,00	\$ 150,00	\$ 100,00	\$ 100,00
B	TOTAL CONTRUCTION COST	\$ 43.793,36	\$ 43.793,36	\$ 44.695,10	\$ 44.695,10



AGENCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

No	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN,I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
A. DOCTOR HOUSE NO. A									
I	PREPARATION WORKS				\$ 3,862,14				\$ 3,862,14
1	Mobilization and Demobilization	LS	1.00	\$ 1,500.00	\$ 1,500.00	LS	1.00	\$ 1,000.00	\$ 1,000.00
2	Project sing board	Ls	1.00	\$ 79.26	\$ 79.26	Ls	1.00	\$ 83.01	\$ 83.01
3	Site Office 4 m x 4 m	Ls	1.00	\$ 350.00	\$ 350.00	m2	16.00	\$ 122.42	\$ 1,958.72
4	Material Storage 3 m x 5 m	Ls	1.00	\$ 250.00	\$ 250.00	m2	15.00	\$ 122.42	\$ 1,836.30
5	Demolish Existing Building	Ls	1.00	\$ 1,000.00	\$ 1,000.00	Ls	1.00	\$ 1,000.00	\$ 1,000.00
6	Site Cleaning and Levelling	sq.m	176.00	\$ 1.40	\$ 246.40	sq.m	176.00	\$ 1.40	\$ 246.40
7	Bowplank / frame work	Ln.m	44.00	\$ 9.92	\$ 436.48	Ln.m	44.00	\$ 10.29	\$ 452.76
II	FOUNDATION WORKS				\$ 1,913,67				\$ 1,913,67
1	Excavation Earth Foundation	Cu.m	41,60	\$ 5.14	\$ 213.82	Cu.m	41,60	\$ 5.14	\$ 213.82
2	Sand Bedding under foundation Thinkness 50mm inclued Floor	Cu.m	2,60	\$ 14.13	\$ 36.74	Cu.m	2,60	\$ 8.29	\$ 21.55
3	Stone Massonry IPs : 35d	Cu.m	22,10	\$ 68.91	\$ 1,522.91	Cu.m	22,10	\$ 76.35	\$ 1,687.34
4	Back Filling sides of foundation inclued floor	Cu.m	20,80	\$ 1.70	\$ 35.36	Cu.m	20,80	\$ 1.70	\$ 35.36
5	Compacted Foundation Fill inclued floor	Cu.m	24,96	\$ 4.20	\$ 104.83	Cu.m	24,96	\$ 4.20	\$ 104.83
III	CONCRETE WORKS				\$ 8,316,66				\$ 8,316,66
I	SLOOR I 15/20								
1.1	Reinforced concrete of 150mm x 200mm Tie Beam (B1), 24 Mpa (D12mm x Ø8mm)								
1.2	Concreate FC = 24 Mpa	Cu.m	1,73	\$ 130.48	\$ 225.08	Cu.m	1,73	\$ 145.75	\$ 252.15
1.3	Reinforcement Steel	Kg	325,37	\$ 1.45	\$ 470.82	Kg	325,37	\$ 1.73	\$ 562.56
1.4	FormWork	sq.m	23,00	\$ 26.78	\$ 615.94	sq.m	23,00	\$ 30.57	\$ 703.11
2	COLUMN I 15/15								
2.1	Reinforced concrete of 150mm x 300mm column (C1), 24 Mpa (D12mm x Ø8mm)								
2.2	Concreate FC = 24 Mpa	Cu.m	1,86	\$ 130.48	\$ 242.50	Cu.m	1,86	\$ 145.75	\$ 271.10
2.3	Reinforcement Steel	Kg	445,66	\$ 1.45	\$ 644.87	Kg	445,66	\$ 1.73	\$ 770.55
2.4	FormWork	sq.m	42,65	\$ 36.59	\$ 1,560.57	sq.m	42,65	\$ 30.57	\$ 1,303.81
3	COLUMN 2 15/20								
3.1	Reinforced concrete of 150mm x 200mm column (C2), 24 Mpa (D12mm x Ø8mm)								
3.2	Concreate FC = 24 Mpa	Cu.m	0,22	\$ 130.48	\$ 28.97	Cu.m	0,22	\$ 145.75	\$ 32,07
3.3	Reinforcement Steel	Kg	37,98	\$ 1.45	\$ 54.95	Kg	37,98	\$ 1.73	\$ 65,67
3.4	FormWork	sq.m	2,07	\$ 36.59	\$ 75.81	sq.m	2,07	\$ 30.57	\$ 63,28
4	TOP BEAM I 15/20								
4.1	Reinforced concrete of 150mm x 200mm Roof Beam (B1), 24 Mpa (D12mm)								
4.2	Concreate FC = 24 Mpa	Cu.m	1,73	\$ 130.48	\$ 225.08	Cu.m	1,73	\$ 145.75	\$ 252.15
4.3	Reinforcement Steel	Kg	325,37	\$ 1.45	\$ 470.82	Kg	325,37	\$ 1.73	\$ 562.56
4.4	FormWork	sq.m	23,00	\$ 44.97	\$ 1,034.31	sq.m	23,00	\$ 30.57	\$ 703.11
5	LINTLE BEAM 10/15								
5.1	Reinforced concrete of 100mm x 150mm Lintle Beam, 24 Mpa (D10mm x Ø)								



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

No	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN,I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
5.2	Concreate FC = 24 Mpa	Cu.m	0.52	\$ 130,48	\$ 68,14	Cu.m	0.52	\$ 145,75	\$ 75,79
5.3	Reinforcement Steel	Kg	187,84	\$ 1,45	\$ 271,80	Kg	187,84	\$ 1,73	\$ 324,78
5.4	FormWork	sq.m	10,44	\$ 44,97	\$ 469,69	sq.m	10,44	\$ 30,57	\$ 319,15
6	BALOK DUDUKAN KUDA-KUDA 10/10								
6.1	Concreate FC = 24 Mpa	Cu.m	0,19	\$ 130,48	\$ 24,98	Cu.m	0,19	\$ 145,75	\$ 27,69
6.2	Reinforcement Steel	Kg	49,12	\$ 1,45	\$ 71,08	Kg	49,12	\$ 1,73	\$ 84,93
6.3	FormWork	sq.m	1,69	\$ 44,97	\$ 75,93	sq.m	1,69	\$ 30,57	\$ 51,66
7	FLOOR WORKS								
7.1	Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	66,61	\$ 3,50	\$ 233,15	sq.m	66,61	\$ 1,47	\$ 97,69
7.2	Wiremesh under floor Ø8 - N 150 mm	Kg	402,90	\$ 1,45	\$ 583,00	Kg	402,90	\$ 1,34	\$ 537,94
7.3	Concrete Floor 24 Mpa, t = 100 mm	Cu.m	6,66	\$ 130,48	\$ 869,18	Cu.m	6,66	\$ 145,75	\$ 970,70
IV	WALL INSTALLATION AND PLASTERING				\$ 5.042,61				
1	Wall concrete block Hollow Thickness 20mm (40 x 20 x 10), 1Pc : 4 ps grade A1 for External inc. corefill	sq.m	168,76	\$ 13,42	\$ 2.264,79	sq.m	168,76	\$ 13,67	\$ 2.306,95
2	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	337,52	\$ 5,02	\$ 1.694,37	Sq.m	337,52	\$ 5,21	\$ 1.758,48
3	Finishing with cement mortar	Sq.m	337,52	\$ 3,21	\$ 1.083,45	Sq.m	337,52	\$ 3,28	\$ 1.107,07
V	STAIRS WORKS				\$ 59,56				
1	Excavation	Cu.m	0,54	\$ 5,14	\$ 2,76	Cu.m	0,54	\$ 5,14	\$ 2,78
2	Stone Masonry 1Ps : 3Sd	Cu.m	0,67	\$ 68,91	\$ 46,37	Cu.m	0,67	\$ 76,35	\$ 51,15
3	Plastering (1Pc : 4 Sand), thickness 20 mm	Sq.m	2,11	\$ 4,94	\$ 10,44	Sq.m	2,11	\$ 6,30	\$ 13,29
VI	DOORS & WINDOWS WORKS				\$ 5.620,00				
1	Supply and Installation of Door Steel Frame With Leaf Solid Core Type D01 2450mm x 1000mm, including all accessories & finishing/Pintu kayu	Unit	2,00	\$ 485,00	\$ 970,00	Unit	2,00	\$ 258,50	\$ 517,00
2	Supply and Installation of Aluminium Frame with Leaf Aluminium Type D02 2050 mm x 900 mm, including all accessories & finishing	Unit	2,00	\$ 465,00	\$ 930,00	Unit	2,00	\$ 343,65	\$ 687,30
3	Supply and Installation of Aluminium Frame with Leaf Aluminium Type D03 2050 mm x 700 mm, including all accessories & finishing	Unit	2,00	\$ 250,00	\$ 500,00	Unit	2,00	\$ 273,95	\$ 547,90
4	Supply & Installation of Window Steel frame With Nako Glass Type W01 1780 mm x 1850 mm including all accessories	Unit	1,00	\$ 450,00	\$ 450,00	Unit	1,00	\$ 589,81	\$ 589,81
5	Supply & Installation of Window steel frame With Nako Glass Type W02 1500 mm x 1230 mm including all accessories	Unit	5,00	\$ 400,00	\$ 2.000,00	Unit	5,00	\$ 348,75	\$ 1.743,75
6	Supply & Installation of Window steel frame With Nako Glass Type W03 1500 mm x 650 mm including all accessories,	Unit	2,00	\$ 300,00	\$ 600,00	Unit	2,00	\$ 195,75	\$ 391,50
7	Supply & Installation of Ventilation Steel frame With Fixed Glass type V01 550 mm x 650 mm including all accessories	Unit	2,00	\$ 85,00	\$ 170,00	Unit	2,00	\$ 59,84	\$ 119,68
VII	ROOFING WORKS				\$ 7.351,29				
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	632,39	\$ 2,78	\$ 1.758,06	kg	632,39	\$ 3,90	\$ 2.466,34
2	Supply & Install Steel Purling V 35 x 45 x 0,75 mm	kg	473,28	\$ 1,65	\$ 780,91	kg	473,28	\$ 3,90	\$ 1.845,79
3	Web Diagonal Bracing/Pengikat kuda-kuda C 75 x 40 x 1mm	Kg	92,80	\$ 2,78	\$ 257,98	Kg	92,80	\$ 3,90	\$ 361,92
4	Supply & Install Roof Mesh	Sq.m	116,38	\$ 4,05	\$ 471,29	Sq.m	116,38	\$ 3,99	\$ 464,26
5	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	116,38	\$ 7,50	\$ 872,87	Sq.m	116,38	\$ 2,97	\$ 345,62
6	Supply & install G550 AZ 150, 0,42 BMT x 940 mm thickness (mm) 0,42 BMT Colorbond and Zincalum steel and screws with all necessary works	Sq.m	116,38	\$ 18,24	\$ 2.122,81	Sq.m	116,38	\$ 19,06	\$ 2.218,20
7	Supply & install Ridge Capping thickness 0,42 mm	m'	10,75	\$ 14,31	\$ 153,83	m'	10,75	\$ 14,66	\$ 157,60
8	Supply & install HD Plate 6mm	Unit	21,00	\$ 18,00	\$ 378,00	Unit	21,00	\$ 6,05	\$ 127,05
9	Supply and Installation of listplank around the roof	m'	38,82	\$ 14,31	\$ 555,54	m'	38,82	\$ 14,66	\$ 569,10
VIII	CEILING WORKS				\$ 3.088,88				



AGÊNCIA DE DESENVELOVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN,I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
1	Supply & Install Steel Ceiling joist Channel C 75 x 35 x 1.0mm	kg	348,76	\$ 2,78	\$ 969.55	kg	348,76	\$ 3,90	\$ 1.360,16
2	Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.75 mm	kg	278,87	\$ 2,78	\$ 775,25	kg	278,87	\$ 3,90	\$ 1.087,59
3	Supply & Install Ceiling Calciboard 6 mm	sq.m	78,78	\$ 13,34	\$ 1.050,98	sq.m	78,78	\$ 13,08	\$ 1.030,44
4	Supply & Install Ceiling cornice 5 cm	m'	80,58	\$ 3,60	\$ 290,10	m'	80,58	\$ 3,71	\$ 298,95
IX	TILE WORKS				\$ 2.381,39				\$ 2.400,30
1	Supply & install tile 400mm x 400mm (White Colors) for Floor (similar approval by Engineer)	Sq.m	57,42	\$ 18,87	\$ 1.083,57	Sq.m	57,42	\$ 22,85	\$ 1.312,05
2	Supply & install Rough Floor Tiles 200mm x 200mm, of colour Grey tile antislip for toilet, similar approval by Engineer	Sq.m	7,74	\$ 19,93	\$ 154,26	Sq.m	7,74	\$ 21,82	\$ 168,89
3	Supply & install Wall Tile 200mm x 200 mm, of colour Grey tile wall 2 M for toilet, similar approval by Engineer	Sq.m	29,21	\$ 19,94	\$ 582,47	Sq.m	29,21	\$ 22,77	\$ 665,11
4	Supply & install Ceramic Tile table + Benz Ceramic 200mm x 200mm	Sq.m	8,42	\$ 19,93	\$ 167,81	Sq.m	8,42	\$ 21,82	\$ 183,72
5	Supply & install Skirting 100mm x 400mm	m'	62,62	\$ 6,28	\$ 393,28	m'	62,62	\$ 3,37	\$ 211,03
X	ELECTRICAL WORKS				\$ 3.223,98				\$ 3.223,98
1	Supply & install Distribution Panel board + all accessories (inc. fee Connect to Health Post) 12 Group	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 346,79	\$ 346,79
2	Supply & install Lighting Phillips F1 TL 2x36W + Accessories	Unit	7,00	\$ 52,00	\$ 364,00	Unit	7,00	\$ 63,18	\$ 442,26
3	Supply & Install Lighting Phillips Downlight 24 watt	Unit	16,00	\$ 21,88	\$ 350,08	Unit	16,00	\$ 18,55	\$ 296,80
4	Supply & install Power outlet for AC + all Accessories	Unit	2,00	\$ 8,50	\$ 17,00	Unit	2,00	\$ 8,82	\$ 17,65
5	Supply & install Power outlet +all Accessories	Unit	12,00	\$ 8,50	\$ 102,00	Unit	12,00	\$ 8,82	\$ 105,89
6	Supply & install Cable Nym 3 x 2,5mm SNI Standard + all Accessories	m'	63,00	\$ 6,30	\$ 396,90	m'	63,00	\$ 3,71	\$ 233,73
7	Supply & install Cable Nym 3 x 1,5mm SNI Standard + all Accessories	m'	70,00	\$ 6,30	\$ 441,00	m'	70,00	\$ 3,71	\$ 259,70
9	Supply & install Single switch + all Accessories	Unit	7,00	\$ 6,50	\$ 45,50	Unit	7,00	\$ 5,94	\$ 41,56
10	Supply & install Double switch + all Accessories	Unit	1,00	\$ 7,50	\$ 7,50	Unit	1,00	\$ 6,46	\$ 6,46
11	Supply & install Ceiling fan panasonic 75 Watt + all Accessories	Unit	2,00	\$ 85,00	\$ 170,00	Unit	2,00	\$ 85,00	\$ 170,00
12	Supply & install Exhausting fan 15 Watt + all Accessories	Unit	4,00	\$ 55,00	\$ 220,00	Unit	4,00	\$ 42,18	\$ 168,72
13	Supply & install Air Conditioner (AC) 1 PK merk Panasonic	Unit	2,00	\$ 380,00	\$ 760,00	Unit	2,00	\$ 567,28	\$ 1.134,56
XI	SANITATION WORKS				\$ 4.223,96				\$ 4.223,96
1	Supply & install Water Closet merk TOTO+ all Accessories	Unit	2,00	\$ 242,710	\$ 485,42	Unit	2,00	\$ 242,710	\$ 485,42
2	Supply & Install Standard Hand Basin (inc. Valve and accessories)	Unit	3,00	\$ 167,460	\$ 502,38	Unit	2,00	\$ 167,460	\$ 334,92
3	Single Stainless Zink (SK)	Unit	1,00	\$ 40,315	\$ 40,31	Unit	1,00	\$ 40,315	\$ 40,31
4	Supply & install Hose Cook (inc.Valve and Accessories)	Unit	3,00	\$ 26,460	\$ 79,38	Unit	3,00	\$ 26,460	\$ 79,38
5	Supply & install fiber Water Box	Unit	2,00	\$ 185,970	\$ 371,94	Unit	2,00	\$ 185,970	\$ 371,94
6	Supply & install Toilet Roll Holder	Unit	3,00	\$ 10,800	\$ 32,40	Unit	2,00	\$ 10,800	\$ 21,60
7	Supply & install Toilet Floor drain	Unit	2,00	\$ 5,410	\$ 10,82	Unit	2,00	\$ 5,600	\$ 11,20
8	I.Seplick tank Works								
8.1	Excavation Earth Foundation	Cu.m	26,59	\$ 5,14	\$ 136,66	Cu.m	26,59	\$ 5,14	\$ 136,67
8.2	Sand Bedding	Cu.m	1,37	\$ 14,13	\$ 19,34	Cu.m	1,37	\$ 8,29	\$ 11,36
8.3	Back Filling	Cu.m	6,76	\$ 1,70	\$ 11,49	Cu.m	6,76	\$ 1,70	\$ 11,49
8.4	Anstamping	Cu.m	1,71	\$ 33,32	\$ 57,02	Cu.m	1,71	\$ 33,32	\$ 56,98
8.5	Compacted Fill	Cu.m	8,11	\$ 4,20	\$ 34,07	Cu.m	8,11	\$ 4,20	\$ 34,06
8.6	Concrete for Box Control 14.5 Mpa	Cu.m	0,70	\$ 122,16	\$ 85,51	Cu.m	0,70	\$ 136,02	\$ 95,21



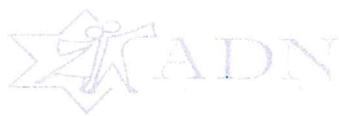
AGÊNCIA DE DESENVOLVIMENTO NACIONAL - D.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN.JP			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
8.7	Reinforced concrete plat cover for Septick , 14.5 Mpa								
8.8	Concreate FC = 14.5 Mpa	Cu.m	2,46	\$ 122,16	\$ 299,90	Cu.m	2,46	\$ 136,02	\$ 334,61
8.9	Reinforcement Steel	Kg	117,72	\$ 1,45	\$ 170,33	Kg	117,72	\$ 1,73	\$ 203,54
8.1	FormWork	sq.m	8,60	\$ 26,78	\$ 230,37	sq.m	8,60	\$ 30,57	\$ 262,90
9	COOLUMN 15/15								
9.1.	Install IPC : 25d : 3 Ag reinforced concrete of 150mm x 150mm column, 24 Mpa (Ø10mm x Ø12mm)								
9.2	Concreate FC = 14.5 Mpa	Cu.m	0,35	\$ 122,16	\$ 42,88	Cu.m	0,35	\$ 136,02	\$ 47,61
9.3	Reinforcement Steel	Kg	87,50	\$ 1,45	\$ 126,61	Kg	87,50	\$ 1,73	\$ 151,29
9.4	FormWork	sq.m	4,50	\$ 36,59	\$ 164,66	sq.m	4,50	\$ 30,57	\$ 137,57
9.5	Wall for septick 40x20x10 cm	Sq.m	39,39	\$ 13,42	\$ 528,55	Sq.m	39,39	\$ 13,67	\$ 538,46
9.6	Wall plaster (IPC : 3 Sand), thickness 15mm & all necessary works	Sq.m	39,39	\$ 5,02	\$ 197,71	Sq.m	39,39	\$ 5,21	\$ 205,22
9.7	Piping with all accessories	Ls	1,00	\$ 100,00	\$ 100,00	Ls	1,00	\$ 100,00	\$ 100,00
10	I.PIPING WORKS AND ACCESSORIES								
10.1.	Supply & install diameter Pipe for 1/2 " for clean water pipe sistem	m'	29,00	\$ 2,53	\$ 73,37	m'	29,00	\$ 2,15	\$ 62,35
10.2	Supply & install diameter Pipe for 1 " for clean water pipe sistem	m'	29,00	\$ 2,98	\$ 86,42	m'	29,00	\$ 3,04	\$ 88,16
10.3	Supply & install diameter Pipe 2" for Waste water pipe sistem	m'	5,50	\$ 5,05	\$ 27,78	m'	5,50	\$ 8,05	\$ 44,28
10.4	Supply & install diameter Pipe 3' for Waste water pipe sistem	m'	11,00	\$ 9,40	\$ 103,40	m'	11,00	\$ 10,63	\$ 116,93
10.5	Supply & install diameter Pipe 4" for Waste water pipe sistem	m'	8,50	\$ 12,38	\$ 105,23	m'	8,50	\$ 18,31	\$ 155,64
10.6	Supply & install Valve gate valve and Fittings	Ls	1,00	\$ 100,00	\$ 100,00	Ls	1,00	\$ 100,00	\$ 100,00
XII	PAINTING WORKS				\$ 820,50				
1	Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penutup)Color coordinate with site engineer for aproval	Sq.m	168,76	\$ 3,34	\$ 563,67	Sq.m	168,76	\$ 3,51	\$ 592,35
2	Ceiling painting Color simillar approval by Engineer	Sq.m	78,78	\$ 3,26	\$ 256,84	Sq.m	78,78	\$ 3,42	\$ 269,43
XIII	WATER TOWER WORKS				\$ 4,397,07				
1	Excavation	Cu.m	3,20	\$ 5,14	\$ 16,45	Cu.m	3,20	\$ 5,14	\$ 16,45
2	Backfilling	Cu.m	0,96	\$ 1,70	\$ 1,63	Cu.m	0,96	\$ 1,70	\$ 1,63
3	Compacted Fill	Cu.m	1,15	\$ 4,20	\$ 4,84	Cu.m	1,15	\$ 4,20	\$ 4,83
4	FOOT PLAT								
4.1	Reinforced concrete Footing, 24 Mpa (Ø12mm)								
4.2	Concreate FC = 24 Mpa	Cu.m	0,64	\$ 130,48	\$ 83,51	Cu.m	0,64	\$ 145,75	\$ 93,28
4.3	Reinforcement Steel	Kg	60,38	\$ 1,45	\$ 87,38	Kg	60,38	\$ 1,73	\$ 104,40
4.4	FormWork	sq.m	3,84	\$ 18,03	\$ 69,24	sq.m	3,84	\$ 18,54	\$ 71,19
5	COOLUMN 30/30								
5.1	Reinforced concrete of 300mm x 300mm column, 24 Mpa (Ø10mm x Ø12mm)								
5.2	Concreate FC = 24 Mpa	Cu.m	2,23	\$ 130,48	\$ 290,76	Cu.m	2,23	\$ 145,75	\$ 325,02
5.3	Reinforcement Steel	Kg	171,97	\$ 1,45	\$ 248,84	Kg	171,97	\$ 1,73	\$ 297,34
5.4	FormWork	sq.m	29,71	\$ 18,03	\$ 535,71	sq.m	29,71	\$ 18,54	\$ 550,82
6	SLOOF B01 25/25								
6.1	Reinforced concrete of 250mm x 250mm sloof, 24 Mpa (Ø12mm x Ø8mm)								



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

NO	DESCRIPTION	COST ESTIMATION				PROPOSED BY OWNER				VERIFIED BY ADN,I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
6.2	Concreate FC = 24 Mpa	Cu.m	0.48	\$ 130,48	\$ 61,98	Cu.m	0.48	\$ 145,75	\$ 69,96				
6.3	Reinforcement Steel	Kg	47,85	\$ 1,45	\$ 69,24	Kg	47,85	\$ 1,73	\$ 82,73				
6.4	FormWork	sq.m	3,80	\$ 18,03	\$ 68,51	sq.m	3,80	\$ 18,54	\$ 70,45				
7	RING BALK B02 20/30												
7.1	Reinforced concrete of 200mm x 300mm sloof, 24 Mpa (\varnothing 12mm x Ø8mm)												
7.2	Concreate FC = 24 Mpa	Cu.m	0,60	\$ 130,48	\$ 78,29	Cu.m	0,60	\$ 145,75	\$ 87,45				
7.3	Reinforcement Steel	Kg	62,97	\$ 1,45	\$ 91,11	Kg	62,97	\$ 1,73	\$ 108,88				
7.4	FormWork	sq.m	5,00	\$ 18,03	\$ 90,15	sq.m	5,00	\$ 18,54	\$ 92,70				
8	CONCRETE PLAT												
8.1	Install 1Pc : 2Sd : 3 Ag reinforced concrete plat, 24 Mpa (\varnothing 10mm N 200 mm)	Cu.m	1,20	\$ 130,48	\$ 156,58	Cu.m	1,20	\$ 145,75	\$ 174,90				
8.2	Wall concrete block Hollow Thikness 20 mm (39 x 19 x 19), 1Pc : 4 ps grade A1 for External inc, corefill	sq.m	11,78	\$ 43,91	\$ 517,26	sq.m	11,78	\$ 37,43	\$ 440,93				
8.3	Wall plester (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	23,56	\$ 5,02	\$ 118,27	Sq.m	23,56	\$ 5,21	\$ 122,75				
8.4	Finishing with cement mortar	Sq.m	23,56	\$ 3,21	\$ 75,63	Sq.m	23,56	\$ 3,28	\$ 77,28				
8.5	Steel Works for Stairs	Kg	28,21	\$ 2,78	\$ 78,42	Kg	28,21	\$ 2,28	\$ 64,32				
8.6	Painting Works	sq.m	52,35	\$ 3,87	\$ 202,60	sq.m	52,35	\$ 4,08	\$ 213,59				
8.7	Supply & install Water Tank Profil 3200 ltr merk ROOTO	Unit	1,00	\$ 650,00	\$ 650,00	Unit	1,00	\$ 508,20	\$ 508,20				
9	ROOFING WORKS												
9.1	Supply and install Column Steel Hollow 40 x 80 mm	Kg	5,72	\$ 2,78	\$ 15,90	Kg	5,72	\$ 2,28	\$ 13,04				
9.2	Supply & Install Steel hollow 100 x 100.mm	Kg	13,00	\$ 2,78	\$ 36,14	Kg	13,00	\$ 2,28	\$ 29,64				
9.3	Supply & Install Steel hollow 40 x 80.mm	Kg	32,83	\$ 2,78	\$ 91,28	Kg	32,83	\$ 2,28	\$ 74,85				
9.4	Supply & Install Steel Purlin V 60 x 30 x 95 x 0,53.mm	Kg	34,32	\$ 2,78	\$ 95,41	Kg	34,32	\$ 2,28	\$ 78,25				
9.5	Supply & install Standard roof zincalium Colorbond 0,42 mm	Sq.m	6,29	\$ 18,24	\$ 114,73	Sq.m	6,29	\$ 19,06	\$ 119,89				
9.6	Supply & install Ridge Caping	M'	3,30	\$ 14,31	\$ 47,22	M'	3,30	\$ 14,66	\$ 48,38				
9.7	Supply & install Water Pump 150W 1 phase + all aaccessories	Unit	1,00	\$ 350,00	\$ 350,00	Unit	1,00	\$ 350,00	\$ 350,00				
9.8	Supply & install Pipe + all aaccessories from water resource to tower	Ls	1,00	\$ 50,00	\$ 50,00	Ls	1,00	\$ 50,00	\$ 50,00				
XIV	FURNITURE				\$ 3,372,50								
1	Supply and Install Wood beds (Coordinate with Site Engineer for Aproval)	Unit	2,00	\$ 300,00	\$ 600,00	Unit	2,00	\$ 300,00	\$ 600,00				
2	Supply and Install Spring bed (Dimension of Spring bed 200 x 160 x 300mm)	Unit	2,00	\$ 250,00	\$ 500,00	Unit	2,00	\$ 250,00	\$ 500,00				
3	Supply and Install Bed Cover	Unit	2,00	\$ 25,00	\$ 50,00	Unit	2,00	\$ 25,00	\$ 50,00				
4	Supply Pillow + Cover pillow	Unit	4,00	\$ 15,00	\$ 60,00	Unit	4,00	\$ 15,00	\$ 60,00				
5	Supply and Install Sofa	set	1,00	\$ 500,00	\$ 500,00	set	1,00	\$ 500,00	\$ 500,00				
6	Supply and Install dining table + chair (woods table chairs be selected by site engineer)	set	1,00	\$ 350,00	\$ 350,00	set	1,00	\$ 350,00	\$ 350,00				
7	Supply and Install wardrobe + (selected by site engineer)	Unit	2,00	\$ 300,00	\$ 600,00	Unit	2,00	\$ 300,00	\$ 600,00				
8	Supply Refrigerator Sharp SJ-X187MG-DB Single door	Unit	1,00	\$ 150,00	\$ 150,00	Unit	1,00	\$ 150,00	\$ 150,00				
9	Supply dish rack (rak piring)	Unit	1,00	\$ 50,00	\$ 50,00	Unit	1,00	\$ 50,00	\$ 50,00				
10	Supply Electric stove (kompor Listrik + Tacu)	Unit	1,00	\$ 130,00	\$ 130,00	Unit	1,00	\$ 130,00	\$ 130,00				
11	Supply "KIRIN RICE COOKER 2.0 LITER KRC-289 Hard Anodized	Unit	1,00	\$ 70,00	\$ 70,00	Unit	1,00	\$ 70,00	\$ 70,00				
12	Supply and Install Curtain rail + Curtain windows W01	Unit	1,00	\$ 42,50	\$ 42,50	Unit	1,00	\$ 42,50	\$ 42,50				



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN.I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
13	Supply and Install Curtain rail + Curtain windows WO2	Unit	4.00	\$ 25.50	\$ 102,00	Unit	4.00	\$ 25.50	\$ 102,00
14	Supply and Install Curtain rail + Curtain windows WO3	Unit	2.00	\$ 17.00	\$ 34,00	Unit	2.00	\$ 17.00	\$ 34,00
15	Supply and Install Curtain rail + Curtain windows WO3	Unit	2.00	\$ 17.00	\$ 34,00				
16	Provide home supplies such as: brooms, mops, carpets, tempat sampah kecil	Ls	1.00	\$ 100.00	\$ 100,00	Ls	1.00	\$ 100.00	\$ 100,00
XV	FINAL CLEARING				\$ 150,00				
I	Remove and clean all the construction site areas	Ls	1.00	\$ 150,00	\$ 150,00	Ls	1.00	\$ 100,00	\$ 100,00
TOTAL CONSTRUCTION COST					\$ 53.821,20				\$ 57.489,64



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - I.P.

PROJECT OWNER: MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

No	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN.I.P				
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price		Amount
A. DOCTOR HOUSE NO. B1										
I	PREPARATION WORKS				\$ 3,862.14			B1	A	B2
1	Mobilization and Demobilization	LS	1.00	\$ 1,500.00	\$ 1,500.00	LS	1.00		\$ 1,000.00	\$ -
2	Project sing board	Ls	1.00	\$ 79.26	\$ 79.26	Unit	1.00		\$ 83.01	\$ -
3	Site Office 4 m x 4 m	Ls	1.00	\$ 350.00	\$ 350.00	m2	16.00		\$ 122.42	\$ -
4	Material Storage 3 m x 5 m	Ls	1.00	\$ 250.00	\$ 250.00	m2	15.00		\$ 122.42	\$ -
5	Dermolish Existing Building	Ls	1.00	\$ 1,000.00	\$ 1,000.00	Ls	1.00		\$ 1,000.00	\$ -
6	Site Cleaning and Levelling	sq.m	176.00	\$ 1.40	\$ 246.40	sq.m	176.00		\$ 1.40	\$ -
7	Bowplank / frame work	Ln.m	44.00	\$ 9.92	\$ 436.48	Ln.m	44.00	\$ 10.29	\$ 10.29	\$ 10.29
II	FOUNDATION WORKS				\$ 1,913.67					
1	Excavation Earth Foundation	Cu.m	41.60	\$ 5.14	\$ 213.82	Cu.m	41.60	\$ 5.14	\$ 5.14	\$ 5.14
2	Sand Bedding under foundation Thinkness 50mm inclued Floor	Cu.m	2.60	\$ 14.13	\$ 36.74	Cu.m	2.60	\$ 8.29	\$ 8.29	\$ 8.29
3	Stone Massonry IPs : 3\$d	Cu.m	22.10	\$ 68.91	\$ 1,522.91	Cu.m	22.10	\$ 76.35	\$ 76.35	\$ 76.35
4	Back Filling sides of loundation inclued floor	Cu.m	20.80	\$ 1.70	\$ 35.36	Cu.m	20.80	\$ 1.70	\$ 1.70	\$ 1.70
5	Compacted Foundation Fill inclued floor	Cu.m	24.96	\$ 4.20	\$ 104.83	Cu.m	24.96	\$ 4.20	\$ 4.20	\$ 4.20
III	CONCRETE WORKS				\$ 8,316.66					
I	SLOOF I 15/20									
1.1	Reinforced concrete of 150mm x 200mm Tie Beam (B1), 24 Mpa (D12mm x Ø8mm)									
1.2	Concreate FC = 24 Mpa	Cu.m	1.73	\$ 130.48	\$ 225.08	Cu.m	1.73	\$ 145.75	\$ 145.75	\$ 145.75
1.3	Reinforcement Steel	Kg	325.37	\$ 1.45	\$ 470.82	Kg	325.37	\$ 1.73	\$ 1.73	\$ 1.73
1.4	FormWork	sq.m	23.00	\$ 26.78	\$ 615.94	sq.m	23.00	\$ 30.57	\$ 30.57	\$ 30.57
2	COLUMN I 15/15									
2.1	Reinforced concrete of 150mm x 300mm column (C1), 24 Mpa (D12mm x Ø8mm)									
2.2	Concreate FC = 24 Mpa	Cu.m	1.86	\$ 130.48	\$ 242.50	Cu.m	1.86	\$ 145.75	\$ 145.75	\$ 145.75
2.3	Reinforcement Steel	Kg	445.66	\$ 1.45	\$ 644.87	Kg	445.66	\$ 1.73	\$ 1.73	\$ 1.73
2.4	FormWork	sq.m	42.65	\$ 36.59	\$ 1,560.57	sq.m	42.65	\$ 30.57	\$ 30.57	\$ 30.57
3	COLUMN 2 15/20									
3.1	Reinforced concrete of 150mm x 200mm column (C2), 24 Mpa (D12mm x Ø8mm)									
3.2	Concreate FC = 24 Mpa	Cu.m	0.22	\$ 130.48	\$ 28.97	Cu.m	0.22	\$ 145.75	\$ 145.75	\$ 145.75
3.3	Reinforcement Steel	Kg	37.98	\$ 1.45	\$ 54.95	Kg	37.98	\$ 1.73	\$ 1.73	\$ 1.73
3.4	FormWork	sq.m	2.07	\$ 36.59	\$ 75.81	sq.m	2.07	\$ 30.57	\$ 30.57	\$ 30.57
4	TOP BEAM I 15/20									
4.1	Reinforced concrete of 150mm x 200mm Roof Beam (B1), 24 Mpa (D12mm x Ø8mm)									
4.2	Concreate FC = 24 Mpa	Cu.m	1.73	\$ 130.48	\$ 225.08	Cu.m	1.73	\$ 145.75	\$ 145.75	\$ 145.75
4.3	Reinforcement Steel	Kg	325.37	\$ 1.45	\$ 470.82	Kg	325.37	\$ 1.73	\$ 1.73	\$ 1.73
4.4	FormWork	sq.m	23.00	\$ 44.97	\$ 1,034.31	sq.m	23.00	\$ 30.57	\$ 30.57	\$ 30.57
5	LITTLE BEAM 10/15									
5.1	Reinforced concrete of 100mm x 150mm Little Beam, 24 Mpa (D10mm x Ø8mm)									
5.2	Concreate FC = 24 Mpa	Cu.m	0.52	\$ 130.48	\$ 68.14	Cu.m	0.52	\$ 145.75	\$ 145.75	\$ 145.75
5.3	Reinforcement Steel	Kg	187.84	\$ 1.45	\$ 271.80	Kg	187.84	\$ 1.73	\$ 1.73	\$ 1.73
5.4	FormWork	sq.m	10.44	\$ 44.97	\$ 469.69	sq.m	10.44	\$ 30.57	\$ 30.57	\$ 30.57
6	BALOK DUDUKAN KUDA-KUDA 10/10									
6.1	Concreate FC = 24 Mpa	Cu.m	0.19	\$ 130.48	\$ 24.98	Cu.m	0.19	\$ 145.75	\$ 145.75	\$ 145.75
6.2	Reinforcement Steel	Kg	49.12	\$ 1.45	\$ 71.08	Kg	49.12	\$ 1.73	\$ 1.73	\$ 1.73
6.3	FormWork	sq.m	1.69	\$ 44.97	\$ 75.93	sq.m	1.69	\$ 30.57	\$ 30.57	\$ 30.57
7	FLOOR WORS									



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

No	DESCRIPTION	COST ESTIMATION				VERIFIED BY ADN,I.P					
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price			Amount
7.1	Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	66.61	\$ 3.50	\$ 233.15	sq.m	66.61	\$ 1.47	\$ 1.47	\$ 1.47	\$ 97.69
7.2	Wiremesh under floor Ø8 - N 150 mm	Kg	402.90	\$ 1.45	\$ 583.00	Kg	402.90	\$ 1.34	\$ 1.34	\$ 1.34	\$ 537.94
7.3	Concrete Floor 24 Mpa, t = 100 mm	Cu.m	6.66	\$ 130.48	\$ 869.18	Cu.m	6.66	\$ 145.75	\$ 145.75	\$ 145.75	\$ 970.70
IV WALL INSTALLATION AND PLASTERING					\$ 5.042,61						
1	Wall concrete block Hollow Thickness 20mm (40 x 20 x 10), 1Pc : 4 ps grade A1 for External inc. corefill	sq.m	168.76	\$ 13.42	\$ 2.264.79	sq.m	168.76	\$ 13.67	\$ 13.67	\$ 13.67	\$ 2.306.95
2	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	337.52	\$ 5.02	\$ 1.694.37	Sq.m	337.52	\$ 5.21	\$ 5.21	\$ 5.21	\$ 1.758.48
3	Finishing with cement mortar	Sq.m	337.52	\$ 3.21	\$ 1.083.45	Sq.m	337.52	\$ 3.28	\$ 3.28	\$ 3.28	\$ 1.107.07
V STAIRS WORKS					\$ 59,56						
1	Excavation	Cu.m	0.54	\$ 5.14	\$ 2.76	Cu.m	0.54	\$ 5.14	\$ 5.14	\$ 5.14	\$ 2.78
2	Stone Masonry 1Ps : 3Sd	Cu.m	0.67	\$ 68.91	\$ 46.37	Cu.m	0.67	\$ 76.35	\$ 76.35	\$ 76.35	\$ 51.15
3	Plastering (1Pc : 4 Sand), thickness 20 mm	Sq.m	2.11	\$ 4.94	\$ 10.44	Sq.m	2.11	\$ 6.30	\$ 6.30	\$ 6.30	\$ 13.29
VI DOORS & WINDOWS WORKS					\$ 5.620,00						
1	Supply and Installation of Door Steel Frame With Leaf Solid Core Type D01 2450mm x 1000mm, including all accessories & finishing/Pintu kayu	Unit	2.00	\$ 485.00	\$ 970.00	Unit	2.00	\$ 258.50	\$ 258.50	\$ 258.50	\$ 517.00
2	Supply and installation of Aluminium Frame with Leaf Aluminium Type D02 2050 mm x 900 mm, including all accessories & finishing	Unit	2.00	\$ 465.00	\$ 930.00	Unit	2.00	\$ 343.65	\$ 343.65	\$ 343.65	\$ 687.30
3	Supply and installation of Aluminium Frame with Leaf Aluminium Type D03 2050 mm x 700 mm, including all accessories & finishing	Unit	2.00	\$ 250.00	\$ 500.00	Unit	2.00	\$ 273.95	\$ 273.95	\$ 273.95	\$ 547.90
4	Supply & Installation of Window Steel frame With Nako Glass Type W01 1780 mm x 1850 mm including all accessories	Unit	1.00	\$ 450.00	\$ 450.00	Unit	1.00	\$ 589.81	\$ 589.81	\$ 589.81	\$ 589.81
5	Supply & Installation of Window steel frame With Nako Glass Type W02 1500 mm x 1250 mm including all accessories	Unit	5.00	\$ 400.00	\$ 2.000.00	Unit	5.00	\$ 348.75	\$ 348.75	\$ 348.75	\$ 1.743.75
6	Supply & Installation of Window steel frame With Nako Glass Type W03 1500 mm x 650 mm including all accessories	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 195.75	\$ 195.75	\$ 195.75	\$ 391.50
7	Supply & Installation of Ventilation Steel frame With Fixed Glass type V01 550 mm x 650 mm including all accessories	Unit	2.00	\$ 85.00	\$ 170.00	Unit	2.00	\$ 59.84	\$ 59.84	\$ 59.84	\$ 119.68
VII ROOFING WORKS					\$ 7.351,29						
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	632.39	\$ 2.78	\$ 1.758.06	kg	632.39	\$ 3.90	\$ 3.90	\$ 3.90	\$ 2.466.34
2	Supply & Install Steel Purling V 35 x 45 x 0.75 mm	kg	473.28	\$ 1.65	\$ 780.91	kg	473.28	\$ 3.90	\$ 3.90	\$ 3.90	\$ 1.845.79
3	Web Diagonal Bracing/Pengikat kuda-kuda C 75 x 40 x 1mm	kg	92.80	\$ 2.78	\$ 257.98	kg	92.80	\$ 3.90	\$ 3.90	\$ 3.90	\$ 361.92
4	Supply & Install Roof Mesh	Sq.m	116.38	\$ 4.05	\$ 471.29	Sq.m	116.38	\$ 3.99	\$ 3.99	\$ 3.99	\$ 464.26
5	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	116.38	\$ 7.50	\$ 872.87	Sq.m	116.38	\$ 2.97	\$ 2.97	\$ 2.97	\$ 345.62
6	Supply & install G550 AZ 150, 0.42 BMT x 940 mm thickness (mm) 0.42 BMT Colorbond and Zincalum steel and screws with all necessary works	Sq.m	116.38	\$ 18.24	\$ 2.122.81	Sq.m	116.38	\$ 19.06	\$ 19.06	\$ 19.06	\$ 2.218.20
7	Supply & install Ridge Capping thickness 0.42 mm	m'	10.75	\$ 14.31	\$ 153.83	m'	10.75	\$ 14.66	\$ 14.66	\$ 14.66	\$ 157.60
8	Supply & install HD Plate 6mm	Unit	21.00	\$ 18.00	\$ 378.00	Unit	21.00	\$ 6.05	\$ 6.05	\$ 6.05	\$ 127.05
9	Supply and Installation of listplank around the roof	m'	38.82	\$ 14.31	\$ 555.54	m'	38.82	\$ 14.66	\$ 14.66	\$ 14.66	\$ 569.10
VIII CEILING WORKS					\$ 3.085,88						
1	Supply & Install Steel Ceiling Joist Channel C 75 x 35 x 1.0mm	kg	348.76	\$ 2.78	\$ 969.55	kg	348.76	\$ 3.90	\$ 3.90	\$ 3.90	\$ 1.360.16
2	Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.75 mm	kg	278.87	\$ 2.78	\$ 775.25	kg	278.87	\$ 3.90	\$ 3.90	\$ 3.90	\$ 1.087.59
3	Supply & Install Ceiling Calciboard 6 mm	sq.m	78.78	\$ 13.34	\$ 1.050.98	sq.m	78.78	\$ 13.08	\$ 13.08	\$ 13.08	\$ 1.030.44
4	Supply & Install Ceiling cornice 5 cm	m'	80.58	\$ 3.60	\$ 290.10	m'	80.58	\$ 3.71	\$ 3.71	\$ 3.71	\$ 298.95
IX TILE WORKS					\$ 2.381,39						
1	Supply & install tile 400mm x 400mm (White Colors) for Floor (similar approval by Engineer)	Sq.m	57.42	\$ 18.87	\$ 1.083.57	Sq.m	57.42	\$ 22.85	\$ 22.85	\$ 22.85	\$ 1.312.05
2	Supply & install Rough Floor Tiles 200mm x 200mm, of colour Grey tile antislip for toilet, similar approval by Engineer	Sq.m	7.74	\$ 19.93	\$ 154.26	Sq.m	7.74	\$ 21.82	\$ 21.82	\$ 21.82	\$ 168.89
3	Supply & install Wall Tile 200mm x 200 mm, of colour Grey tile wall 2 M for toilet, similar approval by Engineer	Sq.m	29.21	\$ 19.94	\$ 582.47	Sq.m	29.21	\$ 22.77	\$ 22.77	\$ 22.77	\$ 665.11
4	Supply & install Ceramic Tile table+ Benz Ceramic 200mm x 200mm	Sq.m	8.42	\$ 19.93	\$ 167.81	Sq.m	8.42	\$ 21.82	\$ 21.82	\$ 21.82	\$ 183.72
5	Supply & install Skirting 100mm x 400mm	m'	62.62	\$ 6.28	\$ 393.28	m'	62.62	\$ 3.37	\$ 3.37	\$ 3.37	\$ 211.03
X ELECTRICAL WORKS					\$ 3.223,98						
1	Supply & Install Distribution Panel board + all accessories (Inc. fee Connect to Health Post) 12 Group	Ls	1.00	\$ 350.00	\$ 350.00	Ls	1.00	\$ 346.79	\$ 346.79	\$ 346.79	\$ 346.79
2	Supply & install Lighting Phillips F1 TL 2x36W + Accessories	Unit	7.00	\$ 52.00	\$ 364.00	Unit	7.00	\$ 63.18	\$ 63.18	\$ 63.18	\$ 442.26
3	Supply & install Lighting Phillips Downlight 24 watt	Unit	16.00	\$ 21.88	\$ 350.08	Unit	16.00	\$ 18.55	\$ 18.55	\$ 18.55	\$ 296.80
4	Supply & install Power outlet for AC + all Accessories	Unit	2.00	\$ 8.50	\$ 17.00	Unit	2.00	\$ 8.82	\$ 8.82	\$ 8.82	\$ 17.65
5	Supply & install Power outlet +all Accessories	Unit	12.00	\$ 8.50	\$ 102.00	Unit	12.00	\$ 8.82	\$ 8.82	\$ 8.82	\$ 105.89



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

NO	DESCRIPTION	COST ESTIMATION				PROPOSED BY OWNER				VERIFIED BY ADN, S.P.				
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price					Amount	
6	Supply & install Cable Nym 3 x 2.5mm SNI Standard + all Accessories	m'	63.00	\$ 6.30	\$ 396.90	m'	63.00	\$ 3.71	\$ 3.71	\$ 3.71	\$ 3.71	\$ 233.73		
7	Supply & install Cable Nym 3 x 1.5mm SNI Standard + all Accessories	m'	70.00	\$ 6.30	\$ 441.00	m'	70.00	\$ 3.71	\$ 3.71	\$ 3.71	\$ 3.71	\$ 259.70		
9	Supply & install Single switch + all Accessories	Unit	7.00	\$ 6.50	\$ 45.50	Unit	7.00	\$ 5.94	\$ 5.94	\$ 5.94	\$ 5.94	\$ 41.56		
10	Supply & install Double switch + all Accessories	Unit	1.00	\$ 7.50	\$ 7.50	Unit	1.00	\$ 6.46	\$ 6.46	\$ 6.46	\$ 6.46	\$ 6.46		
11	Supply & install Ceiling fan Panasonic 75 Watt + all Accessories	Unit	2.00	\$ 85.00	\$ 170.00	Unit	2.00	\$ 85.00	\$ 85.00	\$ 85.00	\$ 85.00	\$ 170.00		
12	Supply & Install Exhausting fan 15 Watt + all Accessories	Unit	4.00	\$ 55.00	\$ 220.00	Unit	4.00	\$ 42.18	\$ 42.18	\$ 42.18	\$ 42.18	\$ 168.72		
13	Supply & Install Air Conditioner (AC) 1 PK merk Panasonic	Unit	2.00	\$ 380.00	\$ 760.00	Unit	2.00	\$ 567.28	\$ 567.28	\$ 567.28	\$ 567.28	\$ 1.134.56		
XI	SANITATION WORKS				\$ 4,223.96									
1	Supply & install Water Closet merk TOTO+ all Accessories	Unit	2.00	\$ 242.710	\$ 485.42	Unit	2.00	\$ 242.710	\$ 242.71	\$ 242.71	\$ 242.71	\$ 485.42		
2	Supply & Install Standard Hand Basin (inc. Valve and accessories)	Unit	3.00	\$ 167.460	\$ 502.38	Unit	2.00	\$ 167.460	\$ 167.46	\$ 167.46	\$ 167.46	\$ 334.92		
3	Single Stainless Zink (SK)	Unit	1.00	\$ 40.315	\$ 40.31	Unit	1.00	\$ 40.315	\$ 40.31	\$ 40.31	\$ 40.31	\$ 40.31		
4	Supply & install Hose Cook (inc. Valve and Accessories)	Unit	3.00	\$ 26.460	\$ 79.38	Unit	3.00	\$ 26.460	\$ 26.46	\$ 26.46	\$ 26.46	\$ 79.38		
5	Supply & install fiber Water Box	Unit	2.00	\$ 185.970	\$ 371.94	Unit	2.00	\$ 185.970	\$ 185.97	\$ 185.97	\$ 185.97	\$ 371.94		
6	Supply & install Toilet Roll Holder	Unit	3.00	\$ 10.800	\$ 32.40	Unit	2.00	\$ 10.800	\$ 10.80	\$ 10.80	\$ 10.80	\$ 21.60		
7	Supply & install Toilet Floor drain	Unit	2.00	\$ 5.410	\$ 10.82	Unit	2.00	\$ 5.600	\$ 5.60	\$ 5.60	\$ 5.60	\$ 11.20		
8	I.Seplick tank Works													
8.1	Excavation Earth Foundation	Cu.m	26.59	\$ 5.14	\$ 136.66	Cu.m	26.59	\$ 5.14	\$ 5.14			\$ 136.67		
8.2	Sand Bedding	Cu.m	1.37	\$ 14.13	\$ 19.34	Cu.m	1.37	\$ 8.29	\$ 8.29			\$ 11.36		
8.3	Back Filling	Cu.m	6.76	\$ 1.70	\$ 11.49	Cu.m	6.76	\$ 1.70	\$ 1.70			\$ 11.49		
8.4	Anstamping	Cu.m	1.71	\$ 33.32	\$ 57.02	Cu.m	1.71	\$ 33.32	\$ 33.32			\$ 56.98		
8.5	Compacted Fill	Cu.m	8.11	\$ 4.20	\$ 34.07	Cu.m	8.11	\$ 4.20	\$ 4.20			\$ 34.06		
8.6	Concrete for Box Control 14.5 Mpa	Cu.m	0.70	\$ 122.16	\$ 85.51	Cu.m	0.70	\$ 136.02	\$ 136.02			\$ 95.21		
8.7	Reinforced concrete plat cover for Seplick , 14.5 Mpa											\$ -		
8.8	Concreate FC = 14.5 Mpa	Cu.m	2.46	\$ 122.16	\$ 299.90	Cu.m	2.46	\$ 136.02	\$ 136.02			\$ 334.61		
8.9	Reinforcement Steel	Kg	117.72	\$ 1.45	\$ 170.33	Kg	117.72	\$ 1.73	\$ 1.73			\$ 203.54		
8.1	FormWork	sq.m	8.60	\$ 26.78	\$ 230.37	sq.m	8.60	\$ 30.57	\$ 30.57			\$ 262.90		
9	COLOMN 15/15													
9.1.	Install 1Pc : 3 Ag reinforced concrete of 150mm x 150mm column, 24 Mpa ($\varnothing 10\text{mm} \times \varnothing 12\text{mm}$)													
9.2	Concreate FC = 14.5 Mpa	Cu.m	0.35	\$ 122.16	\$ 42.88	Cu.m	0.35	\$ 136.02	\$ 136.02			\$ 47.61		
9.3	Reinforcement Steel	Kg	87.50	\$ 1.45	\$ 126.61	Kg	87.50	\$ 1.73	\$ 1.73			\$ 151.29		
9.4	FormWork	sq.m	4.50	\$ 36.59	\$ 164.66	sq.m	4.50	\$ 30.57	\$ 30.57			\$ 137.57		
9.5	Wall for septic 40x20x10 cm	Sq.m	39.39	\$ 13.42	\$ 528.55	Sq.m	39.39	\$ 13.67	\$ 13.67			\$ 538.46		
9.6	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	39.39	\$ 5.02	\$ 197.71	Sq.m	39.39	\$ 5.21	\$ 5.21			\$ 205.22		
9.7	Piping with all accessories	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00			\$ 100.00		
10	I.PIPING WORKS AND ACCESSORIES													
10.1.	Supply & install diameter Pipe for 1/2 " for clean water pipe sistem	m'	29.00	\$ 2.53	\$ 73.37	m'	29.00	\$ 2.15	\$ 2.15	\$ 2.15	\$ 2.15	\$ 62.35		
10.2	Supply & install diameter Pipe for 1 " for clean water pipe sistem	m'	29.00	\$ 2.98	\$ 86.42	m'	29.00	\$ 3.04	\$ 3.04	\$ 3.04	\$ 3.04	\$ 88.16		
10.3	Supply & install diameter Pipe 2" for Waste water pipe sistem	m'	5.50	\$ 5.05	\$ 27.78	m'	5.50	\$ 8.05	\$ 8.05	\$ 8.05	\$ 8.05	\$ 44.28		
10.4	Supply & install diameter Pipe 3" for Waste water pipe sistem	m'	11.00	\$ 9.40	\$ 103.40	m'	11.00	\$ 10.63	\$ 10.63	\$ 10.63	\$ 10.63	\$ 116.93		
10.5	Supply & install diameter Pipe 4" for Waste water pipe sistem	m'	8.50	\$ 12.38	\$ 105.23	m'	8.50	\$ 18.31	\$ 18.31	\$ 18.31	\$ 18.31	\$ 155.64		
10.6	Supply & install Valve gate valve and Fittings	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00		
XII	PAINTING WORKS				\$ 820.50									
1	Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penulup) Color coordinate with site engineer for approval	Sq.m	168.76	\$ 3.34	\$ 563.67	Sq.m	168.76	\$ 3.51	\$ 3.51	\$ 3.51	\$ 3.51	\$ 592.35		
2	Ceiling painting Color similar approval by Engineer	Sq.m	78.78	\$ 3.26	\$ 256.84	Sq.m	78.78	\$ 3.42	\$ 3.42	\$ 3.42	\$ 3.42	\$ 269.43		
XIII	WATER TOWER WORKS				\$ 4.397.07									
1	Excavation	Cu.m	3.20	\$ 5.14	\$ 16.45	Cu.m	3.20	\$ 5.14	\$ 5.14			\$ 16.45		



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - ADN

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

No	DESCRIPTION	COST ESTIMATION				PROPOSED BY OWNER					VERIFIED BY ADN, I.P.				
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount	Unit	
2	Backfilling	Cu.m	0.96	\$ 1.70	\$ 1.63	Cu.m	0.96	\$ 1.70	\$ 1.63					\$ 1.63	
3	Compacted Fill	Cu.m	1.15	\$ 4.20	\$ 4.84	Cu.m	1.15	\$ 4.20	\$ 4.84					\$ 4.83	
4	FOOT PLAT														
4.1	Reinforced concrete Footing, 24 Mpa (Ø12mm)														
4.2	Concreate FC = 24 Mpa	Cu.m	0.64	\$ 130.48	\$ 83.51	Cu.m	0.64	\$ 145.75	\$ 93.28						
4.3	Reinforcement Steel	Kg	60.38	\$ 1.45	\$ 87.38	Kg	60.38	\$ 1.73	\$ 104.40						
4.4	FormWork	sq.m	3.84	\$ 18.03	\$ 69.24	sq.m	3.84	\$ 18.54	\$ 71.19						
5	COLUMN 30/30														
5.1	Reinforced concrete of 300mm x 300mm column, 24 Mpa (Ø10mm x Ø12mm)														
5.2	Concreate FC = 24 Mpa	Cu.m	2.23	\$ 130.48	\$ 290.76	Cu.m	2.23	\$ 145.75	\$ 325.02						
5.3	Reinforcement Steel	Kg	171.97	\$ 1.45	\$ 248.84	Kg	171.97	\$ 1.73	\$ 297.34						
5.4	FormWork	sq.m	29.71	\$ 18.03	\$ 535.71	sq.m	29.71	\$ 18.54	\$ 550.82						
6	SLOOF B01 25/25														
6.1	Reinforced concrete of 250mm x 250mm sloof, 24 Mpa (Ø12mm x Ø8mm)														
6.2	Concreate FC = 24 Mpa	Cu.m	0.48	\$ 130.48	\$ 61.98	Cu.m	0.48	\$ 145.75	\$ 69.96						
6.3	Reinforcement Steel	Kg	47.85	\$ 1.45	\$ 69.24	Kg	47.85	\$ 1.73	\$ 82.73						
6.4	FormWork	sq.m	3.80	\$ 18.03	\$ 68.51	sq.m	3.80	\$ 18.54	\$ 70.45						
7	RING BALK B02 20/30														
7.1	Reinforced concrete of 200mm x 300mm sloof, 24 Mpa (Ø12mm x Ø8mm)														
7.2	Concreate FC = 24 Mpa	Cu.m	0.60	\$ 130.48	\$ 78.29	Cu.m	0.60	\$ 145.75	\$ 87.45						
7.3	Reinforcement Steel	Kg	62.97	\$ 1.45	\$ 91.11	Kg	62.97	\$ 1.73	\$ 108.88						
7.4	FormWork	sq.m	5.00	\$ 18.03	\$ 90.15	sq.m	5.00	\$ 18.54	\$ 92.70						
8	CONCRETE PLAT														
8.1	Install 1Pc : 2Sd : 3 Ag reinforced concrete plat, 24 Mpa (Ø10mm N 200 mm)	Cu.m	1.20	\$ 130.48	\$ 156.58	Cu.m	1.20	\$ 145.75	\$ 174.90						
8.2	Wall concrete block Hollow Thikness 20 mm [39 x 19 x 19], 1Pc : 4 ps grade A1 for External inc. corefill	sq.m	11.78	\$ 43.91	\$ 517.26	sq.m	11.78	\$ 37.43	\$ 440.93						
8.3	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	23.56	\$ 5.02	\$ 118.27	Sq.m	23.56	\$ 5.21	\$ 122.75						
8.4	Finishing with cement mortar	Sq.m	23.56	\$ 3.21	\$ 75.63	Sq.m	23.56	\$ 3.28	\$ 77.28						
8.5	Steel Works for Stairs	Kg	28.21	\$ 2.78	\$ 78.42	Kg	28.21	\$ 2.28	\$ 64.32						
8.6	Painting Works	sq.m	52.35	\$ 3.87	\$ 202.60	sq.m	52.35	\$ 4.08	\$ 213.59						
8.7	Supply & install Water Tank Profil 3200 ltr merk ROOTO	Unit	1.00	\$ 650.00	\$ 650.00	Unit	1.00	\$ 508.20	\$ 508.20						
9	ROOFING WORKS														
9.1	Supply and install Column Steel Hollow 40 x 80 mm	Kg	5.72	\$ 2.78	\$ 15.90	Kg	5.72	\$ 2.28	\$ 13.04						
9.2	Supply & Install Steel hollow 100 x 100.mm	Kg	13.00	\$ 2.78	\$ 36.14	Kg	13.00	\$ 2.28	\$ 29.64						
9.3	Supply & Install Steel hollow 40 x 80.mm	Kg	32.83	\$ 2.78	\$ 91.28	Kg	32.83	\$ 2.28	\$ 74.85						
9.4	Supply & Install Steel Pulin V 60 x 30 x 95 x 0.53.mm	Kg	34.32	\$ 2.78	\$ 95.41	Kg	34.32	\$ 2.28	\$ 78.25						
9.5	Supply & install Standard roof zincalum Colorbond 0.42 mm	Sq.m	6.29	\$ 18.24	\$ 114.73	Sq.m	6.29	\$ 19.06	\$ 119.89						
9.6	Supply & install Ridge Caping	M'	3.30	\$ 14.31	\$ 47.22	M'	3.30	\$ 14.66	\$ 48.38						
9.7	Supply & install Wafer Pump 150W 1 phase + all accessories	Unit	1.00	\$ 350.00	\$ 350.00	Unit	1.00	\$ 350.00	\$ 350.00						
9.8	Supply & install Pipe + all accessories from water resource to tower	Ls	1.00	\$ 50.00	\$ 50.00	Ls	1.00	\$ 50.00	\$ 50.00						
XIV	FURNITURE				\$ 3.372,50										
1	Supply and Install Wood beds (Coordinate with Site Engineer for Approval)	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 300.00	\$ 600.00						
2	Supply and Install Spring bed (Dimension of Spring bed 200 x 160 x 300mm)	Unit	2.00	\$ 250.00	\$ 500.00	Unit	2.00	\$ 250.00	\$ 500.00						
3	Supply and Install Bed Cover	Unit	2.00	\$ 25.00	\$ 50.00	Unit	2.00	\$ 25.00	\$ 50.00						
4	Supply Pillow + Cover pillow	Unit	4.00	\$ 15.00	\$ 60.00	Unit	4.00	\$ 15.00	\$ 60.00						
5	Supply and Install Sofa	set	1.00	\$ 500.00	\$ 500.00	set	1.00	\$ 500.00	\$ 500.00						
6	Supply and Install dining table + chair (woods table chairs be selected by site engineer)	set	1.00	\$ 350.00	\$ 350.00	set	1.00	\$ 350.00	\$ 350.00						



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - IP

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

No	DESCRIPTION	COST ESTIMATION				VERIFIED BY ADN IP					
		PROPOSED BY OWNER				VERIFIED BY ADN IP					
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price			Amount
7	Supply and Install wardrobe + (selected by site engineer)	Unit	2.00	\$ 300.00	\$ 600.00	Unit	2.00	\$ 300.00	\$ 300.00	\$ 300.00	\$ 600.00
8	Supply Refrigerator Sharp SJ-X187MG-DB Single door	Unit	1.00	\$ 150.00	\$ 150.00	Unit	1.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00
9	Supply dish rack (rak piring)	Unit	1.00	\$ 50.00	\$ 50.00	Unit	1.00	\$ 50.00	\$ 50.00	\$ 50.00	\$ 50.00
10	Supply Electric stove (kompor Listrik + Tacu)	Unit	1.00	\$ 130.00	\$ 130.00	Unit	1.00	\$ 130.00	\$ 130.00	\$ 130.00	\$ 130.00
11	Supply "KIRIN RICE COOKER 2.0 LITER KRC-289 Hard Anodized	Unit	1.00	\$ 70.00	\$ 70.00	Unit	1.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00
12	Supply and Install Curtain rail + Curtain windows WO1	Unit	1.00	\$ 42.50	\$ 42.50	Unit	1.00	\$ 42.50	\$ 42.50	\$ 42.50	\$ 42.50
13	Supply and Install Curtain rail + Curtain windows WO2	Unit	4.00	\$ 25.50	\$ 102.00	Unit	4.00	\$ 25.50	\$ 25.50	\$ 25.50	\$ 102.00
14	Supply and Install Curtain rail + Curtain windows WO3	Unit	2.00	\$ 17.00	\$ 34.00	Unit	2.00	\$ 17.00	\$ 17.00	\$ 17.00	\$ 34.00
15	Supply and Install Curtain rail + Curtain windows WO3	Unit	2.00	\$ 17.00	\$ 34.00			\$ -	\$ -		
16	Provide home supplies such as: brooms, mops, carpets, tempat sampah kecil	Ls	1.00	\$ 100.00	\$ 100.00	Ls	1.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00
XV	FINAL CLEARING				\$ 150.00						
I	Remove and clean all the construction site areas	Ls	1.00	\$ 150.00	\$ 150.00	Ls	1.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00
TOTAL CONSTRUCTION COST						\$ 53,821,20					
											\$ 51,365,21



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER: MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

COST ESTIMATION

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN,I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
A. DOCTOR HOUSE NO. B2									
I	PREPARATION WORKS				\$ 436,48				\$ 452,76
1	Mobilization and Demobilization	N/A	-	\$ -	\$ -	N/A	-	\$ -	\$ -
2	Project sing board	N/A	-	\$ -	\$ -	N/A	-	\$ -	\$ -
3	Site Office 4 m x 4 m	N/A	-	\$ -	\$ -	N/A	-	\$ -	\$ -
4	Material Storage 3 m x 5 m	N/A	-	\$ -	\$ -	N/A	-	\$ -	\$ -
5	Demolish Existing Building	N/A	-	\$ -	\$ -	N/A	-	\$ -	\$ -
6	Site Cleaning and Levelling	N/A	-	\$ -	\$ -	N/A	-	\$ -	\$ -
7	Bowplank / frame work	Ln.m	44,00	\$ 9,92	\$ 436,48	Ln.m	44,00	\$ 10,29	\$ 452,76
II	FOUNDATION WORKS				\$ 1.913,67				\$ 2.062,91
1	Excavation Earth Foundation	Cu.m	41,60	\$ 5,14	\$ 213,82	Cu.m	41,60	\$ 5,14	\$ 213,82
2	Sand Bedding under foundation Thinkness 50mm inclued Floor	Cu.m	2,60	\$ 14,13	\$ 36,74	Cu.m	2,60	\$ 8,29	\$ 21,55
3	Stone Massonry 1Ps : 3Scd	Cu.m	22,10	\$ 68,91	\$ 1.522,91	Cu.m	22,10	\$ 76,35	\$ 1.687,34
4	Back Filling sides of foundation inclued floor	Cu.m	20,80	\$ 1,70	\$ 35,36	Cu.m	20,80	\$ 1,70	\$ 35,36
5	Compacted Foundation Fill inclued floor	Cu.m	24,96	\$ 4,20	\$ 104,83	Cu.m	24,96	\$ 4,20	\$ 104,83
III	CONCRETE WORKS				\$ 8.316,66				\$ 8.032,44
I	SLOOF I 15/20								
1,1	Reinforced concrete of 150mm x 200mm Tie Beam (B1), 24 Mpa (D12mm x Ø8mm)								
1,2	Concreate FC = 24 Mpa	Cu.m	1,73	\$ 130,48	\$ 225,08	Cu.m	1,73	\$ 145,75	\$ 252,15
1,3	Reinforcement Steel	Kg	325,37	\$ 1,45	\$ 470,82	Kg	325,37	\$ 1,73	\$ 562,56
1,4	FormWork	sq.m	23,00	\$ 26,78	\$ 615,94	sq.m	23,00	\$ 30,57	\$ 703,11
2	COLUMN I 15/15								
2,1	Reinforced concrete of 150mm x 300mm column (C1), 24 Mpa (D12mm x Ø8mm)								
2,2	Concreate FC = 24 Mpa	Cu.m	1,86	\$ 130,48	\$ 242,50	Cu.m	1,86	\$ 145,75	\$ 271,10
2,3	Reinforcement Steel	Kg	445,66	\$ 1,45	\$ 644,87	Kg	445,66	\$ 1,73	\$ 770,55
2,4	FormWork	sq.m	42,65	\$ 36,59	\$ 1.560,57	sq.m	42,65	\$ 30,57	\$ 1.303,81
3	COLUMN 2 15/20								
3,1	Reinforced concrete of 150mm x 200mm column (C2), 24 Mpa (D12mm x Ø8mm)								
3,2	Concreate FC = 24 Mpa	Cu.m	0,22	\$ 130,48	\$ 28,97	Cu.m	0,22	\$ 145,75	\$ 32,07
3,3	Reinforcement Steel	Kg	37,98	\$ 1,45	\$ 54,95	Kg	37,98	\$ 1,73	\$ 65,67
3,4	FormWork	sq.m	2,07	\$ 36,59	\$ 75,81	sq.m	2,07	\$ 30,57	\$ 63,28
4	TOP BEAM I 15/20								
4,1	Reinforced concrete of 150mm x 200mm Roof Beam (B1), 24 Mpa (D12mm x Ø8mm)								
4,2	Concreate FC = 24 Mpa	Cu.m	1,73	\$ 130,48	\$ 225,08	Cu.m	1,73	\$ 145,75	\$ 252,15
4,3	Reinforcement Steel	Kg	325,37	\$ 1,45	\$ 470,82	Kg	325,37	\$ 1,73	\$ 562,56
4,4	FormWork	sq.m	23,00	\$ 44,97	\$ 1.034,31	sq.m	23,00	\$ 30,57	\$ 703,11



AGENCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

COST ESTIMATION

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN,I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
5	LITTLE BEAM 10/15								
5.1	Reinforced concrete of 100mm x 150mm Little Beam, 24 Mpa (D10mm x Ø8mm)								
5.2	Concreate FC = 24 Mpa	Cu.m	0,52	\$ 130,48	\$ 68,14	Cu.m	0,52	\$ 145,75	\$ 75,79
5.3	Reinforcement Steel	Kg	187,84	\$ 1,45	\$ 271,80	Kg	187,84	\$ 1,73	\$ 324,78
5.4	FormWork	sq.m	10,44	\$ 44,97	\$ 469,69	sq.m	10,44	\$ 30,57	\$ 319,15
6	BALOK DUDUKAN KUDA-KUDA 10/10								
6.1	Concreate FC = 24 Mpa	Cu.m	0,19	\$ 130,48	\$ 24,98	Cu.m	0,19	\$ 145,75	\$ 27,69
6.2	Reinforcement Steel	Kg	49,12	\$ 1,45	\$ 71,08	Kg	49,12	\$ 1,73	\$ 84,93
6.3	FormWork	sq.m	1,69	\$ 44,97	\$ 75,93	sq.m	1,69	\$ 30,57	\$ 51,66
7	FLOOR WORKS								
7.1	Polyethylene Membrane plastic Sheet 0.2mm Black	sq.m	66,61	\$ 3,50	\$ 233,15	sq.m	66,61	\$ 1,47	\$ 97,69
7.2	Wiremesh under floor Ø8 - N 150 mm	Kg	402,90	\$ 1,45	\$ 583,00	Kg	402,90	\$ 1,34	\$ 537,94
7.3	Concrete Floor 24 Mpa, t = 100 mm	Cu.m	6,66	\$ 130,48	\$ 869,18	Cu.m	6,66	\$ 145,75	\$ 970,70
IV	WALL INSTALLATION AND PLASTERING				\$ 5.042,61				\$ 5.172,49
1	Wall concrete block Hollow Thickness 20mm (40 x 20 x 10), 1Pc : 4 ps grade A1 for External inc. corefill	Sq.m	168,76	\$ 13,42	\$ 2.264,79	Sq.m	168,76	\$ 13,67	\$ 2.306,95
2	Wall plaster (1Pc : 3 Sand), thickness 15mm & all necessary works	Sq.m	337,52	\$ 5,02	\$ 1.694,37	Sq.m	337,52	\$ 5,21	\$ 1.758,48
3	Finishing with cement mortar	Sq.m	337,52	\$ 3,21	\$ 1.083,45	Sq.m	337,52	\$ 3,28	\$ 1.107,07
V	STAIRS WORKS				\$ 59,56				\$ 67,22
1	Excavation	Cu.m	0,54	\$ 5,14	\$ 2,76	Cu.m	0,54	\$ 5,14	\$ 2,78
2	Stone Masonry 1Ps : 3Sd	Cu.m	0,67	\$ 68,91	\$ 46,37	Cu.m	0,67	\$ 76,35	\$ 51,15
3	Plastering (1Pc : 4 Sand), thickness 20 mm	Sq.m	2,11	\$ 4,94	\$ 10,44	Sq.m	2,11	\$ 6,30	\$ 13,29
VI	DOORS & WINDOWS WORKS				\$ 5.620,00				\$ 4.596,94
1	Supply and Installation of Door Steel Frame With Leaf Solid Core Type D01 2450mm x 1000mm, including all accessories & finishing/Pintu kayu	Unit	2,00	\$ 485,00	\$ 970,00	Unit	2,00	\$ 258,50	\$ 517,00
2	Supply and Installation of Aluminium Frame with Leaf Aluminium Type D02 2050 mm x 900 mm, including all accessories & finishing	Unit	2,00	\$ 465,00	\$ 930,00	Unit	2,00	\$ 343,65	\$ 687,30
3	Supply and Installation of Aluminium Frame with Leaf Aluminium Type D03 2050 mm x 700 mm, including all accessories & finishing	Unit	2,00	\$ 250,00	\$ 500,00	Unit	2,00	\$ 273,95	\$ 547,90
4	Supply & Installation of Window Steel frame With Nako Glass Type W01 1780 mm x 1850 mm including all accessories	Unit	1,00	\$ 450,00	\$ 450,00	Unit	1,00	\$ 589,81	\$ 589,81
5	Supply & Installation of Window steel frame With Nako Glass Type W02 1500 mm x 1250 mm including all accessories	Unit	5,00	\$ 400,00	\$ 2.000,00	Unit	5,00	\$ 348,75	\$ 1.743,75
6	Supply & Installation of Window steel frame With Nako Glass Type W03 1500 mm x 650 mm including all accessories,	Unit	2,00	\$ 300,00	\$ 600,00	Unit	2,00	\$ 195,75	\$ 391,50
7	Supply & Installation of Ventilation Steel frame With Fixed Glass type V01 550 mm x 650 mm including all accessories	Unit	2,00	\$ 85,00	\$ 170,00	Unit	2,00	\$ 59,84	\$ 119,68
VII	ROOFING WORKS				\$ 7.351,29				\$ 8.555,88
1	Supply & install according to drawing, including formwork and all necessary work for all roof truss frame, light steel C section 75 x 40 x 1mm	kg	632,39	\$ 2,78	\$ 1.758,06	kg	632,39	\$ 3,90	\$ 2.466,34
2	Supply & Install Steel Purling V 35 x 45 x 0.75 mm	kg	473,28	\$ 1,65	\$ 780,91	kg	473,28	\$ 3,90	\$ 1.845,79
3	Web Diagonal Bracing/Pengikat kuda-kuda C 75 x 40 x 1mm	kg	92,80	\$ 2,78	\$ 257,98	kg	92,80	\$ 3,90	\$ 361,92
4	Supply & Install Roof Mesh	Sq.m	116,38	\$ 4,05	\$ 471,29	Sq.m	116,38	\$ 3,99	\$ 464,26
5	Supply & install Alluminium Foil simple sided with glass wool works	Sq.m	116,38	\$ 7,50	\$ 872,87	Sq.m	116,38	\$ 2,97	\$ 345,62
6	Supply & install G550 AZ 150, 0.42 BMT x 940 mm thickness (mm) 0.42 BMT Colorbond and Zincalum steel and screws with all necessary works	Sq.m	116,38	\$ 18,24	\$ 2.122,81	Sq.m	116,38	\$ 19,06	\$ 2.218,20



AGENCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERERA - MUNICIPALITY-TIMOR LESTE

COST ESTIMATION

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN.I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
7	Supply & install Ridge Capping thickness 0.42 mm	m'	10,75	\$ 14,31	\$ 153,83	m'	10,75	\$ 14,66	\$ 157,60
8	Supply & install HD Plate 6mm	Unit	21,00	\$ 18,00	\$ 378,00	Unit	21,00	\$ 6,05	\$ 127,05
9	Supply and Installation of listplank around the roof	m'	38,82	\$ 14,31	\$ 555,54	m'	38,82	\$ 14,66	\$ 569,10
VIII	CEILING WORKS				\$ 3,085,88				\$ 3,777,15
1	Supply & Install Steel Ceiling Joist Channel C 75 x 35 x 1.0mm	kg	348,76	\$ 2,78	\$ 969,55	kg	348,76	\$ 3,90	\$ 1,360,16
2	Supply & Install Steel ceiling batten Channel V 35 x 15 x 0.75 mm	kg	278,87	\$ 2,78	\$ 775,25	kg	278,87	\$ 3,90	\$ 1,087,59
3	Supply & Install Ceiling Calciboard 6 mm	sq.m	78,78	\$ 13,34	\$ 1,050,98	sq.m	78,78	\$ 13,08	\$ 1,030,44
4	Supply & Install Ceiling cornice 5 cm	m'	80,58	\$ 3,60	\$ 290,10	m'	80,58	\$ 3,71	\$ 298,95
IX	TILE WORKS				\$ 2,381,39				\$ 2,540,80
1	Supply & install tile 400mm x 400mm (White Colors) for Floor (similar approval by Engineer)	Sq.m	57,42	\$ 18,87	\$ 1,083,57	Sq.m	57,42	\$ 22,85	\$ 1,312,05
2	Supply & install Rough Floor Tiles 200mm x 200mm, of colour Grey tile antislip for toilet, similar approval by Engineer	Sq.m	7,74	\$ 19,93	\$ 154,26	Sq.m	7,74	\$ 21,82	\$ 168,89
3	Supply & install Wall Tile 200mm x 200 mm, of colour Grey tile wall 2 M for toilet, similar approval by Engineer	Sq.m	29,21	\$ 19,94	\$ 582,47	Sq.m	29,21	\$ 22,77	\$ 665,11
4	Supply & install Ceramic Tile table+ Benz Ceramic 200mm x 200mm	Sq.m	8,42	\$ 19,93	\$ 167,81	Sq.m	8,42	\$ 21,82	\$ 183,72
5	Supply & install Skirting 100mm x 400mm	m'	62,62	\$ 6,28	\$ 393,28	m'	62,62	\$ 3,37	\$ 211,03
X	ELECTRICAL WORKS				\$ 3,223,98				\$ 3,224,11
1	Supply & install Distribution Panel board + all accessories (inc. fee Connect to Health Post) 12 Group	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 346,79	\$ 346,79
2	Supply & install Lighting Phillips F1 TL 2x36W + Accessories	Unit	7,00	\$ 52,00	\$ 364,00	Unit	7,00	\$ 63,18	\$ 442,26
3	Supply & install Lighting Phillips Downlight 24 watt	Unit	16,00	\$ 21,88	\$ 350,08	Unit	16,00	\$ 18,55	\$ 296,80
4	Supply & install Power outlet for AC + all Accessories	Unit	2,00	\$ 8,50	\$ 17,00	Unit	2,00	\$ 8,82	\$ 17,65
5	Supply & install Power outlet +all Accessories	Unit	12,00	\$ 8,50	\$ 102,00	Unit	12,00	\$ 8,82	\$ 105,89
6	Supply & install Cable Nym 3 x 2,5mm SNI Standard + all Accessories	m'	63,00	\$ 6,30	\$ 396,90	m'	63,00	\$ 3,71	\$ 233,73
7	Supply & install Cable Nym 3 x 1,5mm SNI Standard + all Accessories	m'	70,00	\$ 6,30	\$ 441,00	m'	70,00	\$ 3,71	\$ 259,70
9	Supply & install Single switch + all Accessories	Unit	7,00	\$ 6,50	\$ 45,50	Unit	7,00	\$ 5,94	\$ 41,56
10	Supply & install Double switch + all Accessories	Unit	1,00	\$ 7,50	\$ 7,50	Unit	1,00	\$ 6,46	\$ 6,46
11	Supply & install Ceiling fan panasonic 75 Watt + all Accessories	Unit	2,00	\$ 85,00	\$ 170,00	Unit	2,00	\$ 85,00	\$ 170,00
12	Supply & Install Exhausting fan 15 Watt + all Accessories	Unit	4,00	\$ 55,00	\$ 220,00	Unit	4,00	\$ 42,18	\$ 168,72
13	Supply & Install Air Conditioner (AC) 1 PK merk Panasonic	Unit	2,00	\$ 380,00	\$ 760,00	Unit	2,00	\$ 567,28	\$ 1,134,56
XI	SANITATION WORKS				\$ 2,018,85				\$ 1,912,12
1	Supply & install Water Closet merk TOTO+ all Accessories	Unit	2,00	\$ 242,710	\$ 485,42	Unit	2,00	\$ 242,710	\$ 485,42
2	Supply & Install Standard Hand Basin (inc. Valve and accessories)	Unit	3,00	\$ 167,460	\$ 502,38	Unit	2,00	\$ 167,460	\$ 334,92
3	Single Stainless Zink (SK)	Unit	1,00	\$ 40,315	\$ 40,31	Unit	1,00	\$ 40,315	\$ 40,31
4	Supply & install Hose Cook (inc.Valve and Accessories)	Unit	3,00	\$ 26,460	\$ 79,38	Unit	3,00	\$ 26,460	\$ 79,38
5	Supply & install fiber Water Box	Unit	2,00	\$ 185,970	\$ 371,94	Unit	2,00	\$ 185,970	\$ 371,94
6	Supply & install Toilet Roll Holder	Unit	3,00	\$ 10,800	\$ 32,40	Unit	2,00	\$ 10,800	\$ 21,60
7	Supply & install Toilet Floor drain	Unit	2,00	\$ 5,410	\$ 10,82	Unit	2,00	\$ 5,600	\$ 11,20
10	I.PIPING WORKS AND ACCESSORIES								



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

PROJECT OWNER : MINISTRY OF HEALTH

PROJECT NAME : NEW CONSTRUCTION FOR DOCTOR HOUSE

LOCATION : GLENO, ERMERA - MUNICIPALITY-TIMOR LESTE

COST ESTIMATION

NO	DESCRIPTION	PROPOSED BY OWNER				VERIFIED BY ADN.I.P			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
10.1.	Supply & install diameter Pipe for 1/2 " for clean water pipe sistem	m'	29,00	\$ 2,53	\$ 73,37	m'	29,00	\$ 2,15	\$ 62,35
10.2	Supply & install diameter Pipe for 1 " for clean water pipe sistem	m'	29,00	\$ 2,98	\$ 86,42	m'	29,00	\$ 3,04	\$ 88,16
10.3	Supply & install diameter Pipe 2" for Waste water pipe sistem	m'	5,50	\$ 5,05	\$ 27,78	m'	5,50	\$ 8,05	\$ 44,28
10.4	Supply & install diameter Pipe 3" for Waste water pipe sistem	m'	11,00	\$ 9,40	\$ 103,40	m'	11,00	\$ 10,63	\$ 116,93
10.5	Supply & install diameter Pipe 4" for Waste water pipe sistem	m'	8,50	\$ 12,38	\$ 105,23	m'	8,50	\$ 18,31	\$ 155,64
10.6	Supply & install Valve gate valve and Fittings	Ls	1,00	\$ 100,00	\$ 100,00	Ls	1,00	\$ 100,00	\$ 100,00
XI	DRAINAGE								
11.1	Excavation	Cu.m	9,2002	\$ -	\$ -	Cu.m	0,0000	\$ -	\$ -
11.2	Sand Bedding under strip footing Thickness 50mm	Cu.m	0,5750	\$ -	\$ -	Cu.m	0,0000	\$ -	\$ -
11.3	Lean Concrete of 50mm 14,5 Mpa	Cu.m	1,1500	\$ -	\$ -	Cu.m	0,0000	\$ -	\$ -
11.4	Concrete of Floor & Wall Drainage 14,5 Mpa	Cu.m	4,6001	\$ -	\$ -	Cu.m	0,0000	\$ -	\$ -
11.5	FormWork	sq.m	46,0008	\$ -	\$ -	sq.m	0,0000	\$ -	\$ -
XII	PAINTING WORKS				\$ 820,00				\$ 861,78
1	Wall painting (1 M ² pengecatan tembok baru (1 lapis plamir, 1 lapis cat dasar, 2 lapis cat penutup) Color coordinate with site engineer for aproval)	Sq.m	168,76	\$ 3,34	\$ 563,67	Sq.m	168,76	\$ 3,51	\$ 592,35
2	Ceiling painting Color simillar approval by Engineer	Sq.m	78,78	\$ 3,26	\$ 256,84	Sq.m	78,78	\$ 3,42	\$ 269,43
XIII	FURNITURE				\$ 3,372,50				\$ 3,338,50
1	Supply and Install Wood beds (Coordinate with Site Engineer for Aproval)	Unit	2,00	\$ 300,00	\$ 600,00	Unit	2,00	\$ 300,00	\$ 600,00
2	Supply and Install Spring bed (Dimension of Spring bed 200 x 160 x 300mm)	Unit	2,00	\$ 250,00	\$ 500,00	Unit	2,00	\$ 250,00	\$ 500,00
3	Supply and Install Bed Cover	Unit	2,00	\$ 25,00	\$ 50,00	Unit	2,00	\$ 25,00	\$ 50,00
4	Supply Pillow + Cover pillow	Unit	4,00	\$ 15,00	\$ 60,00	Unit	4,00	\$ 15,00	\$ 60,00
5	Supply and Install Sofa	set	1,00	\$ 500,00	\$ 500,00	set	1,00	\$ 500,00	\$ 500,00
6	Supply and Install dining table + chair (woods table chairs be selected by site engineer)	set	1,00	\$ 350,00	\$ 350,00	set	1,00	\$ 350,00	\$ 350,00
7	Supply and Install wardrobe + (selected by site engineer)	Unit	2,00	\$ 300,00	\$ 600,00	Unit	2,00	\$ 300,00	\$ 600,00
8	Supply Refrigerator Sharp SJ-X187MG-DB Single door	Unit	1,00	\$ 150,00	\$ 150,00	Unit	1,00	\$ 150,00	\$ 150,00
9	Supply dish rack (rak piring)	Unit	1,00	\$ 50,00	\$ 50,00	Unit	1,00	\$ 50,00	\$ 50,00
10	Supply Electric stove (kompor Listrik + Tacu)	Unit	1,00	\$ 130,00	\$ 130,00	Unit	1,00	\$ 130,00	\$ 130,00
11	Supply "KIRIN RICE COOKER 2.0 LITER KRC-289 Hard Anodized	Unit	1,00	\$ 70,00	\$ 70,00	Unit	1,00	\$ 70,00	\$ 70,00
12	Supply and Install Curtain rail + Curtain windows WO1	Unit	1,00	\$ 42,50	\$ 42,50	Unit	1,00	\$ 42,50	\$ 42,50
13	Supply and Install Curtain rail + Curtain windows WO2	Unit	4,00	\$ 25,50	\$ 102,00	Unit	4,00	\$ 25,50	\$ 102,00
14	Supply and Install Curtain rail + Curtain windows WO3	Unit	2,00	\$ 17,00	\$ 34,00	Unit	2,00	\$ 17,00	\$ 34,00
15	Supply and Install Curtain rail + Curtain windows WO3	Unit	2,00	\$ 17,00	\$ 34,00				
16	Provide home supplies such as: brooms, mops, carpets, tempat sampah kecil	Ls	1,00	\$ 100,00	\$ 100,00	Ls	1,00	\$ 100,00	\$ 100,00
XIV	FINAL CLEARING				\$ 150,00				\$ 100,00
1	Remove and clean all the construction site areas	Ls	1,00	\$ 150,00	\$ 150,00	Ls	1,00	\$ 100,00	\$ 100,00
TOTAL CONSTRUCTION COST					\$ 43.793,36				\$ 44.695,10



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No	Item Description	OVERHEAD				PROPOSED BY AND				VERIFIED BY ADN,I.P			
		Unit	QTY	Unit Price	Amount	Unit	QTY	Unit Price	Amount	Unit	QTY	Unit Price	Amount
		I	Overhead										
1	Site Engineer	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 2.000,00	\$ 2.000,00				
2	Progress Report,Photographs and as built drawing	Ls	1,00	\$ 500,00	\$ 500,00	Ls	1,00	\$ 500,00	\$ 500,00				
3	Security 2 persons	Ls	1,00	\$ 700,00	\$ 700,00	Ls	1,00	\$ 1.200,00	\$ 1.200,00				
4	Protective Clothing and first aid equipment	Ls	1,00	\$ 150,00	\$ 150,00	Ls	1,00	\$ 150,00	\$ 150,00				
5	Water supply for works	Ls	1,00	\$ 500,00	\$ 500,00	Ls	1,00	\$ 250,00	\$ 250,00				
6	Electrical supply power and lighting	Ls	1,00	\$ 500,00	\$ 500,00	Ls	1,00	\$ 250,00	\$ 250,00				
7	Material sampling and testing	Ls	1,00	\$ 1.650,00	\$ 1.650,00	Ls	1,00	\$ 1.200,00	\$ 1.200,00				
Total						\$ 5.500,00							\$ 5.550,00