



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



Conselho de
Administração

DELIBERASAUN N. 97/VII/CAFI/2025

Conselho de Administração do Fundo das Infraestruturas – CAFI, bazeia ba artigo 10º (1) e (3) DL Nº. 25/2024, de 22 de maio, Primeira Alteração ao DL Nº.13/2016, 18 de Maio, realiza reuniaun Extraordinária iha loron Quinta-feira, 17 de julho de 2025, e halo deliberasaun ba assunto tuir mai ne'e:

Asuntu: Pedidu Aprovasaun Kustu Adisional ba Projetu sira hanesan tuir mai:

- 1. New Construction of UPF Building Tunubibi;*
- 2. New Construction of UPF Building Oequusse, Sakato, Timor-Leste;*
- 3. New Construction of UPF Building in Mota Masin;*
- 4. New Construction of UPF Building Oequusse, Oesilo, Timor-Leste;*
- 5. New Construction of UPF Building Oequusse, Citrana, Timor-Leste;*
- 6. New Construction of UPF Building in Mota Ain.*

Proponente: Ministério do Interior – MI

Notas/justifikasaun:

- SGP Simu SGP simu Karta husi Ministerio do Interior ho no. Oficio: 815/DNA-DGAF/MI/VIII/2025, data 22 de Agosto de 2025; ho asuntu: Nota Akompanhamentu;
- SGP simu Karta husi Ministerio do Interior ho no. Oficio: 591/DNA-DGAF/MI/VII/2025, data 9 de julho de 2025; ho asuntu: Hato'o resultadu relatoriu (Apresentasaun Relatoriu Final kona ba Auditoria ba Konstrusaun Kazerna Foun UPF iha Postu Integradi RAEOA, Bobonaro no Covalima), referensia: Relatoriu Inspetor-Geral do Estado No.: 10/IGE/APTL/VI/2025;
- Bazeia ba relatoriu Inspesaun Geral do Estadu (IGE) ho oficio no.032/IGE/APTL/VI/2025, data 23 de junho de 2025, ho asuntu Apresentasaun Relatoriu Final kona ba Auditoria ba Konstrusaun Kazerna Foun UPF iha Postu Integradi RAEOA, Bobonaro no Covalima);
- Informasaun:
 - Bazeia ba pedidu husi UIJ-MdF(Inspecter Geral Unidade Inspesaun Jeral Ministeriu das Finansas) ho nu.4/marsu/2025/UIJ-MF datadu 6 de marsu de 2025, ne'ebe husu ba IGE atu halo'o koordenasaun servisu ho GIA-MPIE (Gabinete Auditoria Interna Ministeriu do Planeamento no Investimento Estratejiku) hodi realiza auditoria ba pedidu husi Sua



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Excelencia Ministro Interior liu husi Oficio no. 07/G-MI/I/2025 datadu 13 de janeiru de 2025, ne'ebe dirije ba MF hodi husu atu halo auditoria ba kualidade Kontrusaun Kazerna foun 6 ba posto Unidade Policia Fronteira (UPF)- PNTL ne'ebe sei pendente ka paradu;

- Dekretu-Lei nº 22/2019, 10 de junho, estatutu IGE ne'ebe atribui hodi hala'o inspesaun no auditoria ba entidade publiku hotu iha Governo nia mahun, ho nune'e maka IGE realiza no finaliza ona atividade audotira refere;
- Konforme relatoriu refere summariza katak:
 1. Porjetu konstrusaun Kazerna UPF 6 iha posto fronteira Mota-Ain, Tunubibi, Mota-Masin, Sakato, Oesilo no Citrana ne'ebe realizadu husi Governo anterior, ho nia prosesu aprovisionamentu CNA husi 9 de setembru de 2021 to'o 15 de dezembru de 2021 no kontrusaun nia inisiu iha tinan 2022 to 2023, no lakonsege finaliza konforme kontratu, hafoin suspende provisoriu husi Governo atual liu husi Ministeriu Interior to'o ohin loron;
 2. Total Orsamentu alokadu ba projetu 6 refere hamutuk \$1,969,097.32. pagamentu ona ho total \$ 795,233.73 (40.38%), balasu \$1,173,863.59. iha mos kustu adisional ba ne'ebe hetan ona verifikasi saun husi ADN ho montante \$ 788,873.83 ho nune'e total akumulativu hamutuk \$ 2,757,971.15;
 3. Eziste inkumprimentu ba kontratu servisu iha implementasaun projetu konstrusaun kazerna 6 refere ho razaun, kompanhia halo'o ona extensaun ba kontratu dala2 maibe lakonsege finaliza turi periudu determinadu;
 4. Eziste inefisiensia, inefikasia, inkumprimentu legal no la fó benefisiu tamba mesme projetu kazerna refere ho modelu no estrutura ne'ebe simples mas nia inisiu implementasaun iha koresaun barak no obstakulu oi-oin, implika prosesu implementasaun hodi la finaliza tuir calendariu ka periudu kontratu orijinal/primeiru nian ne'ebe eziste defisiensia iha prosesu aprovisionamentu no kontratasau no mos ho kondisaun preukupante iha implementasaun;
 5. Kompanhia implementador sira nia materiais barak hanesan kalen, besi hpllow no besi kanu ne'ebe rai hela iha fatin projetu, hodi hein orientasaun husi MI atu finaliza obra refere. No mos sei iha material barak tan mak kompanhia sosa no rai hela iha armazem, maibe kompanhia sira foin selu sorin no restu deve hela husi nasaun Indonesia;
 6. Ekipa IGE observa katak utilizasaun besi no kalen ba Kazerna UPF refer:
 - La confortavel tamba prejudika temperatura uma laran manas liu, espesifikamente ba postu 4 ne'ebe lokaliza besik Tas;



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- Inseguransa tamba bele kri oportunidade ba pessoal irresponsavel balu hodi halo lasu ba sirkuitu eletriku hodi disturba ordem fronteira;
 - Risku eletrisidade tamba bele hafraku rezistensia fiu eletrisidade nian, hodi implika sirkuitu eletrisidade ho besi, no fo risku vida ba membru UPF nian, hanesan akontese iha kazerna doasaun posto Sakato nian.
- Bazeia ba Relatório do Inspetor Geral do Estado No. 10/IGE/APTL/VI/2025, Auditoria ba Konstrusaun Kazerna Foun UPF iha Posto Integradu RAEOA, Bobonaro no Covalima;

A) Orsamentu alokadu no pagamantu:

- Bazeia ba dadus no informasaun ne'ebe ekipa IGE hetan husi Projetu nain (Ministerio Interior), CNA no SGP ho resultadu ekipa IGE nian iha terenu relasiona ho projetu konstrusaun kazerna foun UPF 6 iha postu integradu fronteira Mota-Ain no Tunubibi (Municipio Bobonaro), Mota Masin (Municipio Covalima), Sakato, Oesilo no Citrana (RAEOA), ne'ebe mak nia konstrusaun inisiu iha tinan 2022 to'o tinan 2023, maibe la konsege finaliza konforme kontratu, hafoin ne'e suspende provisoriu husi Governo atual ate a data, tamba tipu no modelo husi edifisiu sira refere inadequadu ou kestionavel ih termu seguransa no konfortu habitual.
- Total orsamentu ba projetu refere ho montante \$ 1,969,097.32 no halo'o ona pagamentu ho total \$ 795,233.73 ho persentajem 40.38% no balansu \$ 1,173,863.59. entretantu montante pagamentu ba kada projetu eziste ho kustu variasaun, komesa husi montante kiik-liu mak 30% no bo'ot-liu mak 51%.
- Alem montante husi kontratu orijinal inklui mos kustu adisional ne'ebe hetan ona verifikasiacaun husi ADN ho montante total \$788,873.83. ho nune'e mak total kustu akumulativu hamutuk \$2,757,971.15. tuir informasaun katak kustu adisional refer antisipa hodi re-desenhu fali modelo kazerna foun UPF 6 ne'ebe sei iha hela periudu suspensaun nia laran.

B) Defisiensia iha Prosesu aprovisionamentu no kontratasau: relasiona ho prosesu aprovisionamentu no kontratasau bazeadu ba dadus ne'ebe ekipa IGE hetan husi CNA hatudu katak iha eziste defisiensia balun ne'ebe iha possibilidade hodi hamenus konfiabilidade ba prossesu aprovisionamentu refere. Defisiensia refere mak hnsan tuir mai:

- Eziste empresa singular deit mak kompete iha prosesu aprovisionmantu to'o kontratasau ba projetu kazerna UPF Mota-Masin, Covalima;
- Eziste lista foti/distribuisaun dokumentus tenderizasaun ne'ebe kria duvidas ba nia verasidade tamba empresa balun hakerek kedes iha lista referidu;

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- Eziste proprietariu projetu mak la arkiva dokumentus relasionala ho prosesu aprovisionamentu ba grandes projetus ne'ebe realizadu husi CNA no SGP;
 - La utiliza lian ofisial Tetun ou Portugues iha kontratu servisu ba projetu konstrusaun Kazerna foun UPF nian, konforme DL, no. 12/2005;
- C) Eziste Kondisoens no Obstakulus Preokupantes ba Projetu Kazerna UPF: konformidade ho resultadu inspesaun iha lokal, projetu konstrusaun kazerna UPF 6 ne'ebe suspende refere iha postu Fronteira Sakato, Oesilo no Citrana, Mota-Ain, Tunubibi no Mota-Masin. Ekipa IGE observa katak kondisaun atual obstakulu no preokupante tebes, ne'ebe hanesan ba kazerna postu Mota-Ain no Oesilo kuaze finaliza tamba kakuluk taka kompletu, didin seidauk kompletu, Seramika nahe ona parte balun no sei falta Instalasaun odamatan, janela no haris fatin. Entretantu ba postu 4 seluk seidauk taka kakuluk balun (foin taka sorin deit);
- D) Konklusaun no rekomendasau: ho finalidade atu simplifika observasoens nokomentarius ba defisiensias ne'ebe temi ona iha leten, maka Ekipa IGE apresenta konklusoens nudar sumariu no rekomendasaoens balun atu fasilita diak liu autoridade kompetente no responsavel sira wainhira halo desizaun ka asaun koretiva, hodi minimiza risku no melhorametu ba uturu.

Konklusaun

1. Projetu konstrusaun kazerna UPF 6 iha postu fronteira Mota-Ain, Tunubibi, Mota-Masin, Sakato, Citrana no Oesilo ne'ebe realizadu husi Governo anterior, liu husi prosesu aprovisionamentu CNA hahu husi dia 9 de setembru de 2021 to'o 15 de dezembru de 2021 ne'ebe nia konstrusaun iha inisiu tinan 2022 to 2023, maibe lakonsege finaliza konforme kontratu, hafoin suspende provisoriu husi Governo atual liu husi Ministerio Interior (MI) to'o ohin loron;
2. Total Orsamentu alokadu ba projetu 6 refere hamutuk \$1,969,097.32, halo'o ona pagamentu ho total \$795,233.73 (40.38%), balansu \$ 1,173,863.59. entretantu montante pagamentu ba kada projetu eziste ho kustu variasaun, komesa husi montante kiik-liu mak 30% no bo'ot-liu mak 51%. Alem montante husi kontratu orijinal inklui mos kustu adisional ne'ebe hetan ona verifikasiuna husi ADN ho montante total \$788,873.83. ho nune'e mak total kustu akumulativu hamutuk \$2,757,971.15. tuir informasaun katak kustu adisional refer antisipa hodi re-desenhu fali modelo kazerna foun UPF 6 ne'ebe sei iha hela periudu suspensaun nia laran;
3. Eziste Inkumprimentu ba kontratu servisu iha implementasaun projetu konstrusaun kazerna 6 refere, ho razaun mesma kompanhia halo'o ona extensaun ba kontratu dala rua maibe la konsege finaliza tuir periudu determinadu;

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4. Konformidade ho faktus no obstaklu hirak ne'ebe iha maka ekipa IGE konsidera katak, eziste inefisiensia, inefikasia, inkumprimentu legal no lafo benefisiu tamba mesmu projetu kazerna refere ho modelu no estrutura ne'ebe simples mas nia inisiu implementasaun iha koresaun barak no obstaklu oi-oin, implika prosesu implementasaun hosi la finaliza tuir kalendariu ka periudu kontratu orijinal nian ne'ebe eziste defisiensia iha prosesu aprovisionamentu no kontratasuna, no mos hokondisaun preokupantes iha implementasaun/ ezekusaun.

- Ministériu Interior propoin atu kontinua obra sira ho kustu adisionál hamutuk USD 788,873.83, ne'ebé halo kustu totál ba projetu sa'e ba USD 2,757,971.15, ne'ebé konstitui variasaun ida ne'ebé liu 30% husi valór kontratu inisiál;
- Artigu 123, n.º 4 husi Dekretu-Lei n.º 22/2022, 11 Maiu, estabelese katak "alterasaun sira ne'ebé liu limite ne'ebé prevé iha número anteriór, wainhira nesesáriu, sai objetu ba prosedimentu aprovizionamentu foun;
- Bazeia ba relatório finál kona-ba auditoria husi IGE no bazeia mós ba interesse público, tanba prosedimentu foun sei implika aumentu kustu ida ne'ebé aas liután, no konsidera mós katak obras sira ne'e paradu kleur ona, ho risku degradasaun aas tebes, nune'e CAFI deside delibera atu aprova kontinuidade ezekusaun kontratu ho kustu adisionál sira ne'ebé tuir Ministériu Interior nia pedidu;
- 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 espesifikasiadaun ne'ebe aprova ona;
- Lista proposta

No.	Naran projetu	Kustu estimativa verifikadu husi ADN,IP	Alokasaun orsamentu FI 2025
1	<i>New Construction of UPF Building Tunubibi;</i>	\$476,101.74	<ul style="list-style-type: none">• Alokasaun FI 2025: \$ 100,000.00;• Programa 366: Segurança Nacional• Kodigu atividade 3661380: Construção de Barracas de Polícia de UPF de Tunubibi, Bobonaro
2	<i>New Construction of UPF Building in Mota Ain;</i>	\$432,932.54	<ul style="list-style-type: none">• Alokasaun FI 2025: \$ 100,000.00;• Programa 366: Segurança Nacional• Kodigu atividade 3661310: Novo construção UPF Mota Ain, Bobonaro

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No.	Naran projetu	Kustu estimativa verifikadu husi ADN,IP	Alokasaun orsamentu FI 2025
3	<i>New Construction of UPF Building in Mota Masin;</i>	\$452,113.93	<ul style="list-style-type: none">• Alokasaun FI 2025: \$ 100,000.00;• Programa 366: Segurança Nacional• Kodigu atividade 3661311: Novo construção UPF Mota Masin, Covalima
4	<i>New Construction of UPF Building Oequesse, Oesilo, Timor-Leste;</i>	\$ 474,947.44	<ul style="list-style-type: none">• Alokasaun FI 2025: \$ 100,000.00;• Programa 366: Segurança Nacional• Kodigu atividade 3661308: Novo construção UPF Oesilo, Oecusse
5	<i>New Construction of UPF Building Oequesse, Citrana, Timor-Leste;</i>	\$ 462,988.43	<ul style="list-style-type: none">• Alokasaun FI 2025: \$ 100,000.00;• Programa 366: Segurança Nacional• Kodigu atividade 3661309: Novo construção UPF Citrana, Oecusse
6	<i>New Construction of UPF Building Oequesse, Sakato, Timor-Leste;</i>	\$ 458,887.07	<ul style="list-style-type: none">• Alokasaun FI 2025: \$ 150,000.00;• Programa 366: Segurança Nacional• Kodigu atividade 3661307: Novo construção UPF Sakato, Oecusse

Rekomendasaun:

- 1) CAFI atu aprova no autoriza despezas nune'e mos konfirma finansiamentu iha FI bazeia ba pedidu husi Projetu nain Ministerio Interior;
- 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 projeto FI nian sei lao tuir Regime Juridiku Aprovizionamento em vigor;
- 5) Decreto-Lei No. 22/2022 de 11 de Maio, o regime jurídico do aprovisionamento, dos contratos públicos e das respectivas infracções, artigo 42º Regras Espaciais, desizaun kona ba modalidade aprovisionamentu determina bazeia ba kustu projetu no justifikasi tekniku no legal husi MI hanesan entidade adjudikante;
- 6) Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;



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- 7) Projetu nain sei assume responsabilidade ba koordenasau entre entidade relevantes ba implementasaun projetu ne'e, e ba supervisaun, monitorizasaun e akompanhamentu ba projetu ne'e iha faze implementasaun, e sei garante kualidade servisu nian tuir espesifikasi saun nebe aprova ona;

Desizaun:

1. CAFI aprova no autoriza despezas nune'e mos konfirma finansiamentu iha FI bazeia ba pedidu husi Projetu nain Ministerio Interior;
2. Desizaun kona ba abertura ka inisiasau 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 aprovasau no autorizasaun despezas bazeia ba DL no. 23/2022, de 19 de maio;
4. DL Nº. 25/2024, de 22 de maio, Primeira Alteração ao DL Nº.13/2016, 18 de Maio, kona ba Regulamentu Fundo da Infraestrutura, determina katak aprovisionamento projetu FI nian sei lao tuir Regime Juridiku Aprovizionamento em vigor;
5. Decreto-Lei No. 22/2022 de 11 de Maio, o regime jurídico do aprovisionamento, dos contratos públicos e das respectivas infracções, artigo 42º Regras Espesiais, desizaun kona ba modalidade aprovisionamentu determina bazeia ba kustu projetu no justifikasaun tekniku no legal husi MI hanesan entidade adjudikante;
6. Projetu nain sei assume responsabilidade hodi assegura orsamentu ba Ezekusaun no Implementasaun projetu;
7. Projetu nain sei assume responsabilidade ba koordenasau entre entidade relevantes ba implementasaun projetu ne'e, e ba supervisaun, monitorizasaun e akompanhamentu ba projetu ne'e iha faze implementasaun, e sei garante kualidade servisu nian tuir espesifikasi saun nebe aprova ona;
8. Lista aprovasau:

No.	Naran projetu	Kustu estimativa verifikasiadu husi ADN,IP	Alokasaun orsamentu FI	Orgaun Kompetênti - DL No. 23/2022, 19 de Maio
1	<i>New Construction of UPF Building Tunubibi;</i>	\$476,101.74	<ul style="list-style-type: none">• Alokasaun FI 2025: \$ 100,000.00;• Programa 366: Segurança Nacional;• Kodigu atividade 3661380: Construção de Barracas de Polícia de UPF de Tunubibi, Bobonaro	CAFI: alinea 1 (b) Artigo 5.º Competência para a autorização da despesa.
2	<i>New Construction of</i>	\$432,932.54	<ul style="list-style-type: none">• Alokasaun FI 2025: \$ 100,000.00;• Programa 366: Segurança Nacional;	CAFI: alinea 1 (b) Artigo 5.º Competência

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No.	Naran projetu	Kustu estimativa verifikasiadu husi ADN,IP	Alokasaun orsamentu FI	Orgaun Kompetênti - DL No. 23/2022, 19 de Maio
	<i>UPF Building in Mota Ain;</i>		<ul style="list-style-type: none">Kodigu atividade 3661310: Novo construção UPF Mota Ain, Bobonaro	para a autorização da despesa.
3	<i>New Construction of UPF Building in Mota Masin;</i>	\$452,113.93	<ul style="list-style-type: none">Alokasaun FI 2025: \$ 100,000.00;Programa 366: Segurança Nacional;Kodigu atividade 3661311: Novo construção UPF Mota Masin, Covalima	CAFI: alinea 1 (b) Artigo 5.º Competência para a autorização da despesa.
4	<i>New Construction of UPF Building Oequesse, Oesilo, Timor-Leste;</i>	\$ 474,947.44	<ul style="list-style-type: none">Alokasaun FI 2025: \$ 100,000.00;Programa 366: Segurança Nacional;Kodigu atividade 3661308: Novo construção UPF Oesilo, Oecusse	CAFI: alinea 1 (b) Artigo 5.º Competência para a autorização da despesa.
5	<i>New Construction of UPF Building Oequesse, Citrana, Timor-Leste;</i>	\$ 462,988.43	<ul style="list-style-type: none">Alokasaun FI 2025: \$ 100,000.00;Programa 366: Segurança Nacional;Kodigu atividade 3661309: Novo construção UPF Citrana, Oecusse	CAFI: alinea 1 (b) Artigo 5.º Competência para a autorização da despesa.
6	<i>New Construction of UPF Building Oequesse, Sakato, Timor-Leste;</i>	\$ 458,887.07	<ul style="list-style-type: none">Alokasaun FI 2025: \$ 150,000.00;Programa 366: Segurança Nacional;Kodigu atividade 3661307: Novo construção UPF Sakato, Oecusse	CAFI: alinea 1 (b) Artigo 5.º Competência para a autorização da despesa.

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Aprovado husi CAFI iha loron 17 de Julho de 2025.

O Conselho de Administração do Fundo das Infraestruturas

O presidente,



Gastão Francisco de Sousa

Ministro do Planeamento e Investimento Estratégico

Santina José Rodrigues Ferreira Viegas Cardoso

Ministra das Finanças

(La Participa iha Reuniaun)



Miguel Marques Gonçalves Manetelu

Ministro dos Transportes e Comunicações



Samuel Marçal

Ministro das Obras Públicas

DELIBERAUN N.º97/VII/CAFI/2025



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Annexo:



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

NOTA DE DESPAICHO

1. ORIGEM DO DOCUMENTO

Proveniência do Documento

N Ref 59/DNA-DGAF/MI/VII/2025

Data do Documento : 9 / 07 / 2025

DGAF-MI

2. DETALHES DO DOCUMENTO

Enviado ao:

Data Entrada do Documento: 9 / 07 / 2025

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

Assunto:

Hato'o Rejultado Relatorio (Aprezentasaun Relatorio Final Kona-ba Auditoria ba Konstrusaun Kazernas Foun UOF iha Postu Integradu RAEOA, Bobonaro no Covalima)

3. INSTRUÇÃO DO DIRETOR DO SGP

Data do Despacho: 9 / 7 / 2025

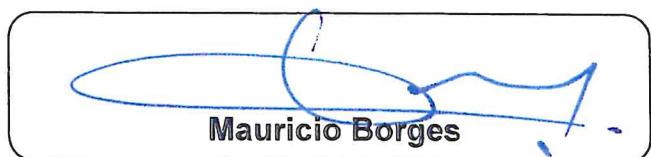
Para Sr/a

1. Sr/a Maria Viana
2. Sr/a Wenceslito R
3. Sr/a _____

Despacho:

Hore Ante iha n'e

Assinatura :


Mauricio Borges



MINISTÉRIO DO INTERIOR
DIREÇÃO-GERAL de ADMINISTRAÇÃO e FINANÇAS
DIREÇÃO NACIONAL DE APROVISIONAMENTO



Data : 09 Fulan Julho 2025

Nú Oficio : 501 /DNA-DGAF/MI/VII/2025

Para/To: Exmo Diretor Secretariado Grandes Projeto (SGP)
Sr. Maurício Borges

Assunto : **Hato'o Rejultado Relatorio**

(Aprezentaun Relatório Finál kona-ba Auditoria ba Konstrusaun Kazernas Foun UPF iha Postu Integradi RAEOA, Bobonaro no Covalima)

Baseia ba assunto iha leten, hosi Diresaun Nasional Aprovisionamento Ministerio do Interior encaminha Relatório Finál kona-ba Auditoria ba Konstrusaun Kazernas Foun UPF iha Postu Integradi RAEOA, Bobonaro no Covalima ba **Exmo Sr. Diretor Secretariado Grandes Projeto (SGP)** ba Projeto Ministerio do Interior ne'ebe maka orçamentada iha Fundos Infraestrutura (FI) no projeto konstrusaun nebe mak hetan ona Verifikasiada iha A.D.N, I.P.

(Anexo dokumento Relatorio Final)


João da Cruz, SE.M.S.i
Diretor DNA

MINISTÉRIO DO INTERIOR
DIRETOR DNA
DIREÇÃO NACIONAL
DE APROVISIONAMENTO
RDTL



0500 br S. Adelino
w S. Klarelio

IX GOVERNO CONSTITUCIONAL
MINISTÉRIO DO INTERIOR
GABINETE DE INSPECÇÃO E AUDITÓRIA

FORMULARIO CARTA TAMA

NU. REF....CARTA	DATA CARTA	DATA ENTRADA	ORAS	HUSI
032/1GE/APTU/XII/24/06/25 2025		01/07/25	11:05:04	Francisco de Carvalho, Inspektor Jerar. Estado.

ASSUNTO : Apresentação Pelo final do dia 24/06/25
construção da estrada UPF lha posto integrado RAECA,
Bobonaro no Pará.

HATO'Ô BA :

Exma : Inspetora Geral GIA-MI
Sra. Cândida do R. da Costa Soares

DESPAICHO BA :

Chefe Auditoria Ido Celmeo
Sra. Soc Amânia
Bemba br desp. NBI
Wun TGewan DNA nre posseve
Urmelam Wana rel. IGE

ENCAMINHA BA :

Inspetor Geral GIA-MI

Cândida do Rosario da Costa Soares



**IX GOVERNO
CONSTITUCIONAL**

Avenida dos Martires da Pátria, Vila-Verde, Dili, Timor-Leste (+670) 77873657



**MINISTÉRIO DO INTERIOR
GABINETE DE MINISTRO DO
INTERIOR**

FORMULÁRIO DESPACHO

Classificação: Normal Urgente Muito Urgente

ORIGEM DA CARTA : Inspeção Geral do Estado

Nu.Ref : 032/IGE/APTL/VI/2025 DATA CARTA : 24/06/2025

ASSUNTO : Aprezentasaun Relatorio Final kona-ba Auditoria ba Konstrusaun Kazernas foun UPF iha Postu Integradu RAEOA, Bobonaro no Covalima.

DATA DE ENTRADA : 24/06/2025 NU.REGISTO : 1553

DATA DESPACHO DO MINISTRO DO INTERIOR : 30/06/2025

Bazeia ba Despacho husi S.E. Ministru Interior mak hanesan tuir mai :

- **GIA**
- **Hamutuk ho Assesores Tecnicas DNA Sr. Adelino Sr. Mareelo hare ida ne'e no Rezolve e Urgente.**
- **Depois informa mai hau.**

<input type="checkbox"/> DNSR	<input type="checkbox"/> DNAP	<input type="checkbox"/> OUTROS
<input type="checkbox"/> DNRH	<input type="checkbox"/> DNPCC	
<input type="checkbox"/> CG.M.I	<input type="checkbox"/> DNFO	
<input type="checkbox"/> GPE	<input type="checkbox"/> DNA	
<input type="checkbox"/> DGAF-MI	<input type="checkbox"/> DGSPC	
<input type="checkbox"/> DGSM-MI	<input type="checkbox"/> ASSESORES	
<input type="checkbox"/> SEPC	<input type="checkbox"/> LOGISTICA	
<input type="checkbox"/> CG-PNTL		
<input checked="" type="checkbox"/> GIA		

Secretaria Ezekutiva Ministru Interior

Deliana dos Santos da Silva Monteiro



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
Inspecção Geral do Estado

Avenida dos Direitos Humanos
Lecidere, Dili, Timor-Leste
Telefone +670-3310551

OFÍCIO NO. 032/IGE/APTL/VI/2025

Exelénsia : Primeiru-Ministru, RDTL,
Sr. Kay Rala Xanana Gusmão

Kópia : Sua Ex.^{sia} Ministru Prezidénsia Konsellu Ministrus,
Sr. Hermenegildo Augusto Cabral Pereira

Sua Ex.^{sia} Ministru Interior,
Sr. Francisco da Costa Guterres, PhD

Asuntu : Aprezentasaun Relatório Finál Kona-ba Auditoria ba Konstrusaun Kazernas Foun UPF iha Postu Integrado RAEOA, Bobonaro no Covalima.

Referénsia : Relatório Inspetor-Geral do Estado No.: 10/IGE/APT/VI/2025

Exelénsia,

Konforme instrusaun husi Sua Exelénsia Ministra Finansas, liu husi pedidu UIJ-MF (Inspetór Jerál - Unidade Inspesaun Jérál-Ministériu Finansas), ho número 4/MARSU/2025/UIJ-MF datadu 06 marsu 2025, ne'ebé husu ba IGE (Inspecção Geral do Estado) atu halo koordenaun servisu ho GIA-MPIE (Gabinete Auditoria Interna Ministériu Planeamentu no Investementu Estratéjiku) hodi realiza auditoria ba pedidu husi Sua Exelénsia Ministru Interior liu husi ofisiu No. 07/G-MI/I/2025, datadu 13 Janeiru 2025, ne'ebé dirije ba MF hodi husu atu halo auditoria interna ba kualidade konstrusayn kazerna foun 6 ba postu Unidade Polisia Fronteiras (UPF)-PNTL, ne'ebé sei pendente ka paradu hela.

Ho nune'e maka akordu ho Dekretu-lei n.º 22/2009, datadu 10 Juñu, estatutu IGE, ne'ebé atribuidu hodi hala'o inspesaun no auditoria ba entidade públiku hotur iha Governu nia mahon, ho nune'e maka ekipa ida husi IGE realiza no finaliza ona atividade auditoria referidu, ho nune'e maka iha biban ida ne'e ho respeitu apresenta ba Sua Exelénsia relatório finál (iha aneksu) hodi bele hetan apresiasaun no konsiderasaun no mós foti desizaun ka instrusaun ne'ebé konveniente.

Konforme relatório refere, summariza deit katak:

1. Projetu konstrusaun kazernas UPF 6 iha postu fronteira Mota-Ain, Tunubibi, Mota-Masin, Sakato, Oesilo no Citraná ne'ebe realizadu husi Governu anterior, ho nia prosesu aprovisionamentu CNA husi 09 setembru 2021 to'o 15 Dezembru 2021 no, konstrusaun iha inísiu tinan 2022 to'o 2023, maibé la konsege finaliza konforme kontratu, hafoin suspende provizóriu husi Governu atuál liu husi MI to'o ohin-joren.

24/06/2025

1553
S : 15:32
m : Tomás

2. Totál orsamentu alokadu ba projeto 6 refere hamutuk USD 1,969,097.32, pagamentu ona ho totál USD 795,233.73 (40,38%), saldo ho total USD 1,173,863.59. Aleinde ne'e, iha mós kustu adisionál ne'ebé hetan ona verifikasi saun husi ADN ho mōntante hamutuk USD 788,873.83, ho nune'e totál akumulativu hamutuk USD 2,757,971.15.
3. Eziste inkumprimentu ba kontratu servisu iha implementasaun projeto konstrusaun kazernas 6 refere tanba, mesmu kompañia halo ona estensaun ba kontratu dala rua maibé la konsege finaliza tuir períodu determinadu.
4. Eziste inefisiensia, inefikásia, inkumprimentu legál no la fo'o benefisiu tanba mesmu projeto kazernas refere ho modelu no estrutura ne'ebé simples mas nia inísiu implementasaun iha koresaun barak no obstáculo oi-oin, implika prosesu implementasaun hodi la-finaliza tuir kalendáriu ka períodu kontratu orijinal/primeiru nian ne'ebé eziste defisiénsia iha prosesu aprovisionamento no kontratasau, no mós ho kondisaun preukupantes iha implementasaun hanesan tuir mai ne'e:

4.1 Eziste defisiénsias iha prosesu aprovisionamento no kontratasau:

- 1) Eziste empreza singular deit mak kompete iha prosesu submisaún dokumentus BoQ tó'o kontratasau ba projeto konstrusaun kazerna UPF iha postu fronteira Mota-Masin, Munisipiu Covalima.
- 2) Eziste lista distribuisaun dokumentus tenderizasaun ne'ebé hamosu dúvidas tanba iha empreza balu mak naran selesionadu ona husi komisaun wainhira halo distribuisaun "bidding dokument".
- 3) Proprietáriu projeto iaiha arkivamentu dokumentus relasiona prosesu aprovisionamento no pagamentu ne'ebé realizadu, maibe arkiva deit iha CNA no SGP ne'ebé laos nain ba projeto.
- 4) La-utiliza ou iaiha tradusaun lian ofisiál Tetun ou Portugés iha kontratu servisu ba projeto konstrusaun kazernas UPF 6 referidu, konforme sitadu iha dekretu-lei n.º 12/2005, maibé utiliza deit lian Inglés.

4.2 Eziste kondisaun preukupantes iha implementasaun projeto kazernas foun 6 ba UPF:

- 1) Kondisaun atuál/fiziku ba projeto kazernas UPF 6 refere, hatudu katak kazerna postu Mota-Ain no Oesilo kuaze finaliza tanba, didin no taka ona kakuluk, falta nahe serámika, instalasaun odamatan, janela no haris fatin. Enkuantu postu 4 seluk seidauk taka kakuluk, balu foin taka sorin deit, balu foin didin kompletu. Maioria uma laran foin nahe simentu grosu no simentu balu mós hahu nakfera. Besi hirak ne'ebé utiliza ba rin no estrutura didin nian, komesa ferrujen ona.
- 2) Projeto hirak ne'e Governu liu husi MI mak hapara/suspende provizóriu iha tinan 2023, maibé ho verbalmente deit husi Sua Exelénsia Ministru Interior, administrativamente la-iha karta rumá husi ministériu relevante hodi ofisializa orientasaun refere.



3) Finalizasaun ba kontrusaun kazernas refere atrazu tanba kompaña sira hasorū difikuldade ba akizisaun kallen ho modelu kurvadu, labele halo iha teritoriu nacionál, maibé tenke sosa no silu kurvadu kedas iha nasaun Indonesia no presiza tempu naruk hodi desloka materiál hirak ne'e to'o iha fatin projetu.

Aleinde ne'e, prosesu verifikasi saun husi ADN iha tempu ne'eba, ba progresu konstrusaun nian ne'ebé nesesita tempu lubuk hodi finaliza. No rezultadu teste ADN nian ba materiál konstrusaun mós presiza tempu naruk no kompaña tenke hein rezultadu sai hafoin bele kontinua fali servisu.

4) Kompaña implementador sira nia materiais barak hanesan kallen, besi hollow no besi-kanu ne'ebe rai hela iha fatin projetu, hodi hein orientasaun husi MI atu finaliza obra sira refere. No mós sei iha materiál barak tan mak kompaña sira sosa no rai hela iha armazen, maibé kompaña sira foin selu sorin balu deit, restu deve hela husi nasaun Indonesia.

5) Ekipa IGE observa katak utilizasaun besi ho kallen ba kazerna UPF refere:

- ✓ *La-konfortável tanba prezudika temperatutura uma laran manas liu, espesifikamente ba postu 4 ne'ebe lokaliza besik tasi.*
- ✓ *Inseguransa tanba bele kria oportunidade ba pesoál irresponsavél balu hodi halo lasu ba sirkuitu eletríka hodi desturba ordem fronteira;*
- ✓ *Risku eletrisidade tanba bele hafraku rezisténsia fiu eletrisidade nian, hodi implika sirkuitu eletrisidade ho besi, no fó risku ba vida membru UPF nian, hanesan akontese tempu liu iha kazerna doasaun postu Sakato nian.*

Relaciona ho observasaun no konkluzaun ne'ebe iha maka iha relatório refere, ekipa IGE apresenta mos rekomendasau balun ba Governu atu liu husi Ministriu Interior atu bele hetan apresiasau no mós konsiderasaun husi Sua Exelénsia, hodi foti desizaun ne'ebé konviniente.

Maka ne'e deit, ba Sua Exelénsia nia atensaun ho respeitu hato'o obrigadu wain.





REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE

INSPEÇÃO GERAL DO ESTADO

IGE

**RELATÓRIO DO INSPECTOR GERAL DO ESTADO
N.º 10/IGE/APTL/VI/2025**

**AUDITORIA BA KONSTRUSAUN KAZERNAS FOUN UPF IHA POSTU
INTEGRADU RAEOA, BOBONARO NO COVALIMA**

JUÑU 2025

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**AUDITORIA BA KONSTRUSAUN KAZERNAS FOUN UPF IHA POSTU INTEGRADU RAEOA,
BOBONARO NO COVALIMA**

I. INFORMASAUN INTRODUTORIA

1. Mandatu Auditoria

Konforme intrusaun husi Sua Exelénsia Ministra Finansas, liu husi ofisiu Inspetór Jerál Unidade Inspesaun Jerál Ministériu Finansas (UIJ-MF), ho número 4/MARSU/2025/UIJ-MF datadu 06 marsu 2025, ne'ebé husu ba *IGE* atu halo koordenasaun servisu ho Gabinete Auditoria Interna Ministériu Planeamentu no Investementu Estratéjiku (GIA-MPIE) hodi realiza auditoria ba pedidu husi Ministériu Interior nian. Orientasaun bazeia ba pedidu husi Ministru Interior liu husi ofisiu No. 07/G-MI/I/2025, datadu 13 Janeiru 2025, ne'ebé dirije ba Ministra Finansas hodi husu atu halo auditoria interna ba kualidade konstrusaun kazerna foun 6 ba postu Unidade Polisia Fronteiras (UPF)-PNTL ne'ebé nia konstrusaun sei pendente ka paraçu hela.

Nu ne'e mós, akordu ho artigu 2.^º pontu 2, alinéa a) husi DL N.^º 22/2009, "Estatuto da Inspeção Geral do Estado (*IGE*)", fó kbiit ba *IGE* hodi hala'o inspesaun no auditoria rotina, ekstraordinária no asaun kontrolu seluk ba entidade pública sira ne'ebé depende ba Governu. Ho nûne'e mak *IGE* liu husi Diresaun Nasional Servisus Auditoria (DNSA) deside no dezigna ona ekipa hodi halao auditoria no inspesaun ba konstrusaun kazerna foun 6 ba UPF iha postu integradu fronteira RAEOA (Sakato, Oesilo no Citrana), Bobonaro (Mota-Ain no Tunubibi) no Covalima (Mota-Masin), ne'ebé konstrusaun komesa iha tinan 2022 no pendente hela to'o ohin loron.

2. Ekipa Auditoria

Relatorju auditoria ida ne'e finaliza liu-husi sumariu no rekapitulasaun ekipas servisu iha DNSA-*IGE* ho kompozisaun membru mak hanesan:

No.	<u>Ekipa I</u> <i>Efetua auditoria ba projeto konstrusaun kazerna UPF Mota-Masin</i>	<u>Ekipa II</u> <i>Efetua auditoria ba projetu konstrusaun kazerna UPF Tunubibi no Mota-Ain</i>	<u>Ekipa III</u> <i>Efetua auditoria ba projetu konstrusaun kazerna UPF Sakato, Citrana no Oesilo</i>
	<u>Kompozisaun Membru</u>	<u>Kompozisaun Membru</u>	<u>Kompozisaun Membru</u>
1.	Sra. Yuliana Bete, Xefe Ekipa	Sr. Eduardo da C. Sales, Xefe Ekipa	Mariano Pereira Hornai, Xefe Ekipa
2.	Sr. Joaquim Piedade, Membru	Sr. Florindo Fernandes, Membru	Sr. Agêncio dos S. Xavier, Membru
3.	Sr. João Ximenes, Membru	Sra. Jóse A.M. dos Santos, Membru	Sra. Natividade da C. da S., Membru
4.		Sra. Felismina A.G. Freitas, Membru	Sra. Analia Abilio da C. A., Membru

Ekipa sira refere hetan apoiu tékniku husi Sr. Francisco Freitas (enjeñeiru sivil) no hetan asisténsia no akompañamentu husi Sra. Maria Celeste Pimentel, Xefe Departamentu ba Kontrolu Reseitas no Despezas (DCRD sigla portugues) ho Sr. Tito Roserio, Diretor DNSA.



3. Responsavel no Funzionárius Auditada

Ho finalidade ba obtensaun dokumentus no informasoinis ne'ebé nesesáriu ba atividade auditoria ida ne'e maka, ekipa IGE realiza enkontru ho responsavel no entidade sira mak ho identidade hanesan tuir mia ne'e:

- 1) Sr. Bento Pereira, Diretor Geral iha Ministeriu Interior;
- 2) Sr. João da Cruz, Diretor Aprovisionamentu iha Ministériu Interior;
- 3) Sr. Angelo de Jesus do Rego, Tékniku iha Ministeriu Interior;
- 4) Sr. Leonilde Imaculada B. do Rego, Engiñeiru Sívil iha Ministériu Interior;
- 5) Sra. Jacinta Sequeira, Diretora kompañia Matlalan Unipesoal Lda;
- 6) Sr. Adriano Elo, Tékniku engeñeiru kompañia Matlalan Unipesoal Lda;
- 7) Sr. Koet Jung Mak, Diretor kompañia Aprilia Unipesoal Lda;
- 8) Sr. Fernando Mak, Diretor kompañia Lifau Indah Unipesoal Lda;
- 9) Sr. Francisco Colo, Ajente Xefe UPF postu fronteira Oesilo;
- 10) Sr. Carlos de A. Madeiros, Diretor kompañia Joia Camenaca Unipesoal Lda;
- 11) Sr. Vicente Paul Pereira, Diretor kompañia Léo hara Unipesoal Lda;
- 12) Sr. Cáncio Freitas, Diretor Kompañia Erquina Unipesoal Lda.

4. Siglás no Abreviaturas

ADN	: Agência de Desenvolvimento Nacional;
BoQ	: Bill of Quantity;
CAFÍ	: Concelho de Administração do Fundo das Infraestruturas;
CNA	: Comissão Nacional de Aprovisionamento;
DNSA	: Direção Nacional dos Serviços de Auditoria;
GIA	: Gabinete Auditoria Interna;
IGE	: Inspeção Geral do Estado;
Lda	: Limitada;
MF	: Ministério das Finanças;
MPIE	: Ministério do Planeamento e do Investimento;
NCB	: Nacional Competitive Bidding;
PNTL	: Polícia Nacional de Timor-Leste;
RAEOA	: Região Administrativa Especial Oecússi Ambeno;
RJA	: Regime Jurídico de Aprovisionamento;
SGP	: Secretariado dos Grandes Projetos;
UIJ	: Unidade Inspesaun Jerál;
UPF	: Unidade Polícia Fronteiras.

5. Prinsipi Kontraditóriu

Konforme dekretu-lei n.º 22/2009, previstu iha artigu 9.^º alínea 1) ho 2) katak atu asegura prinsipi kontraditóriu husi entidade auditadu nia aseitasaun no komentáriu, maka molok atu finaliza atividade ida ne'e, fo'o ona koñesimentu préviu konaba esbosu relatório ba entidade auditada hodi fo'o oportunidade ho livremente atu hato'o resposta ka esplikasaun kontraditóriu no evidénsias antes termina relatório final.

Entretantu, relasiona ho relatório auditoria ida ne'e nia aplikasaun ba prinsípiu kontraditóriu, la-introduz tanba pontus observasaun sira ne'ebé aprezentadu kategorizadu hanesan defisiénsias simples ne'ebé desnesesáriu responsabilidade administrativa, maibé nesesita deit asaun sira melloramentu hodi antisipa risku iha futuru.

II. OBSERVAUN NO KOMENTÁRIU

A. ORSAMENTU ALOKADU NO PAGAMENTU

Konformidade ho dadus no informasaun ne'ebé ekipa IGE hetan asesu husi Ministério Interior (projetu nain), CNA no SGP no konformidade mós ho rezultadu inspesaun ekipa IGE nian iha terenu relasiona ho projetu konstrusaun kazerna foun UPF 6 iha postu integradu fronteira Mota-Ain no Tunubibi (Munisípiu Bobonaro), Mota-Masin (Munisípiu Covalima), Sakato, Oesilo no Citrana (RAEOA) ne'ebé mak nia konstrusaun inísiadu iha tinan 2022 to'o tinan 2023, maibé la konge finaliza konforme kontratu, hafoin ne'e suspende provizóriu husi Governu atuál to'o ohin loron, tanba tipu no modelu husi edifísiu sira refere inadekuadu ou kestionavel iha termu seguransa no confortu hábitavel.

Akresenta mós katak, relasiona ho dadus husi SGP hatudu katak projetu 6 refere realizadu iha Governu anterior nian (oitavu Governu), ho prosesu aprovisionamentu liu husi CNA inisia husi períodu 09 setembru 2021 to'o 15 Dezembru 2021, no konstrusaun hahú iha tinan 2022 to'o hapara iha fin husi tinan 2023. Totál orsamentu ba projetus referidu hamutuk USD 1,969,097.32 no halo ona pagamentu ho totál USD 795,233.73 ho persentazen médiu akumulativu hamutuk 40.38% no saldo hamutuk USD 1,173,863.59.

Entretantu montante pagamentu ba kada projetu eziste ho kustu variasaun, komesa husi montante ki'ik-liu mak ho persentazen 30% até bo'ot-liu mak ho persentazen 51%. Konfirma ho nia dadus relasiona ho dokumentus husi SGP nian ne'ebé iha tabela tuir mai ne'e:

DETALLES KONABA MONTANTE PAGAMENTU NO KUSTU ADISIONAL NE'EBÉ ALOKADU

No.	Projetu Konstrusaun	Empresas	Montante husi Kontratu Orijinal	Pagamentu husi SGP (2023)	Balansu husi Kontratu Orijinal	Kustu Adisional (Verificadu husi ADN)	Totál Montante inklui
1.	Kazerna UPF Postu Sacato-RAEOA	Mailalan Unip.LDA	\$ 320,046.42	\$ 95,280.51	30%	\$ 224,765.91	\$ 138,840.65 43% \$ 458,887.07
2.	Kazerna UPF Postu Oesilo-RAEOA	Lisau Indah Unip.LDA	\$ 343,223.25	\$ 133,022.86	39%	\$ 210,200.39	\$ 131,724.19 38% \$ 474,947.44
3.	Kazerna UPF Postu Citrana-RAEOA	Aprilia Unip.LDA	\$ 340,903.02	\$ 126,280.33	37%	\$ 214,622.69	\$ 122,085.41 36% \$ 462,988.43
4.	Kazerna UPF Postu Mota-Masin, Covalima	Joia Camanasa UniD.LDA	\$ 337,328.10	\$ 171,772.04	51%	\$ 165,556.06	\$ 114,785.83 34% \$ 452,113.93
5.	Kazerna UPF Postu Mota-Ain, Bobonaro	Leo Hara Unip.LDA	\$ 315,211.39	\$ 144,656.80	46%	\$ 170,554.59	\$ 117,721.15 37% \$ 432,932.54
6.	Kazerna UPF Postu Tunubibi, Bobonaro	Erquina Unip.LDA	\$ 312,385.14	\$ 124,221.19	40%	\$ 188,163.95	\$ 163,716.60 52% \$ 476,101.74
Total Akumulativu			\$ 1,969,097.32	\$ 795,233.73		\$ 1,173,863.59	\$ 788,873.83
							\$ 2,757,971.15

Husi dokumentu ou dadus iha leten, aleinde montante husi kontratu orijinal nian inkluindu mós kustu adisional ne'ebé hetan ona verifikasiuna husi ADN ho montante totál hamutuk USD 788,873.83, ho nune'e maka totál kustu akumulativu hamutuk USD 2,757,971.15. Tuir informasaun katak kustu adisional refere antisipa chodi redezeñu fila fali modelu ba kazerna foun UPF 6 refere ne'ebé sei iha helá períodu suspensaun nia laran.

Entretantu, konforme rezultadu avaliaasaun ba dokumentus aprovisionamentu ne'ebé hetan asesu husi CNA maka ekipa IGE nota mós katak eziste defisiensias balu relasiona ho prosesu aprovisionamentu no kontratasau. ne'ebé presiza hola atensaun husi entidade kompetente sira iha futuru (longu prazu), enkuantu, relasiona ho kondisaun fizika atuál projetu nian maka konformidade ho rezultadu inspesaun ekipa IGE nian iha terenu ka lokál implementasaun projetu nota katak eziste obstáculo ou kondisoin preukupantes (iha kestaun) ne'ebé presiza medidas emediatu husi entidade kompetente sira iha kurtu prazu nia laran.

B. DEFISIÉNSIAS IHA PROSESU APROVIZONAMENTU NO KONTRATASAUN

Relasiona ho prosesu aprovisionamentu no kontratasau bazeadu ba dadus ne'ebé ekipa IGE hetan asesu husi CNA hañudu katak eziste defisiénsias balun ne'ebé iha possibilidade hodi hamenus konfabilidade ba prosesu aprovisionamentu refere. Defisiénsias referidu maka hanesan mensiona tuij mai ne'e:

1. Eziste empreza singular deit mak kompete iha prosesu aprovisionamentu to'o kontratasau ba projetu kazerna UPF Mota-Masin, Covalima

Wainhira halo tiha avaliaasaun ba dadus ne'ebé hetan asesu husi CNA, ekipa IGE nota katak iha prosesu aprovisionamentu ba projetu konstrusaun kazernas 6 refere, realiza husi periodu 09 setembru to'o 15 Dezembru 2021, espesifikamente ba projetu konstrusaun kazernas UPF iha postu integradu Mota-Masin Munisípiu Covalima, kompete deit husi empreza úniku ka laiha kompetitor seluk hodi kompete hamutuk, maibé empreza ida deit mak submete dokumentus BoQ hodi kontinua prosesu to'o finál ka hetan kontratasau seivisu.

Tuij lolo'os, prosesu aprovisionamentu ba projetu konstrusaun kazernas UPF postu Mota-masin referidu, labele kontinua no tenke halo re-anunsiu fila fali, tanba normalmente hahu husi prosesu submisaun dokumentus (BoQ) refere mínimu tenke kompete husi empreza 3 (tolu) ka liu, hodi hetan selesaun ne'ebé kualidade tantu husi presu no tékniku. Karik ba situasaun refere kontinua ho prosesu negosiasau ou prosedimentu ajuste diretú, maka tenke justifika ho dokumentus aprovisionamentu rumá, hodi nune'e fa hamosu dúvidas ba nia verasidade.

2. Eziste lista foti/distribuisaun dokumentus tenderizasaun ne'ebé kria dúvidas ba nia verasidade tanba empreza balu nia naran hakerek kedas iha lista referidu

Husi dàdus no dokumentus ne'ebé hetan asesu husi CNA refere, ekipa IGE nota mós katak ba NCB:086/MI/2021 ba Lot.1 Sakalo no Lot.2 Oesilo, iha nia prosesu aprovisionamentu relasiona ho lista distribuisaun ka foti dokumentus (*List of bidder obtains the bidding document*) nian hañudu katak, iha empreza hamutuk 13 (sanulu-resin tolu) maka foti dokumentus ka konkore, maibé iha empreza hamutuk 11 (sanulu-resin ida) mak selesionadu ona husi komisaun tanba iha lista refere empreza sira nia naran listadu ka hakerek feitu kedas ona ho komputador no 3 (tolu) deit mak hakerek ho lapizeira ou hakerek wanhira distribui/foti dokumentus. Konfirma ho kópia ba lista refere iha figura tuij mai ne'e:

Figura. Lista distribuisaun dokumentus Bidding Document ba Empreza sira



República Democrática de Timor-Leste
Ministério do Plano e Finanças
Comissão Nacional de Aprovisionamento



New Construction of U.P.F. Building in Oecusse;

Lot 1: New Construction of U.P.F. Building at Sakato, and Lot 2: New Construction of U.P.F. Building at Oesilo.

NCD/036/MS-2023

Distribuição List of Bidder received the Bidding Document, Addendum No.1, Appendix, MoM Prebid and Prebid Presentation

S.N.	Company Name	Contract Name and Designation	Contact No	Signature
1	Oe-Japa Unipessoal Lda	Ramiro do C. Gusmão	75794498	[Signature]
2	Safneatimo Nafael Unipessoal Lda	Ramiro do C. Gusmão	75794498	[Signature]
3	Lifau Indah Unipessoal Lda	Jose Carvalho	77233880	[Signature]
4	Fium Samane Unipessoal Lda	José Antunes	77233885	[Signature]
5	Matiulan Unipessoal Lda	Prienvise Pene	77748201	[Signature]
6	Ponta Salmo Unipessoal Lda	Prienvise Pene	77748201	[Signature]
7	Nun Mabum	Exxon	75806019	[Signature]
8	Dinhola	Exxon	76736750	[Signature]
9	Terra Santa Lda	Silvino Soeitha	77233352	[Signature]
10	Aprilia Unipessoal Lda	Adelino Carvalho	77233882	[Signature]
11	Oel-Noldika	Fernanda Mendes	77142466	[Signature]
12	EATC - CABO	-1-	77142466	[Signature]
13	Octaviano Tabim			
13	Octaviano unipessoal Lda	Octaviano Tabim	7682807/7682806	[Signature]
14	Elo Mano. Beno Unipessoal Lda	Octaviano Tabim	76454356	[Signature]

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Akresenta liu tan katak, husi empreza 11 refere inkluindu mós ho empreza 3 ne'ebé mak sai manan nain ba projetu konstrusaun kazernas UPF postu fronteira 3 ne'ebé lokaliza iha RAEOA, mak hanesan kompaňia Matlalan Unip. Lda. maka manan projetu kazerna UPF postu Sakato, Lifau Indah Unip. Lda. manan projetu kazerna UPF postu Oesilo no Aprilia Unip. Lda. manan projetu kazerna UPF postu Citrana.

Lojikamente, lista foti dokumentus husi empreza ka partisipantes nian tenke folla mamuk, wainhira empreza interesadu ba foti dokumentus mak foin bele prienze naran ba lista refere, tanba antes seidauk hatene empreza hirak ne'ebé lo'os mak sei konkore ba konkursu aprovisionamentu referidu.

3. Eziste proprietáriu projetu mak la-arkiva dokumentus relasiona ho prosesu aprovisionamentu ba grandes projetus ne'ebé realizadu husi CNA no SGP

Tuir observasaun ekipa IGE nian iha terenu nota katak grandes projetus ne'ebé kabe ba kompeténsia CNA no SGP, espesifikamente ba projetu konstrusaun kazernas foun 6 ba UPF iha postu fronteira Munisípiu Bobonaro, Covalima no RAEOA ne'ebé Ministériu Interior mak nu'udar nain ba projetu refere, maibé laiha arkivu ba dokumentus relasiona ho prosesu inísiu ba aprovisionamentu no pagamentu ne'ebé realizadu, no dokumentu hirak ne'e únikamente arkiva deit iha CNA (ba asuntu aprovizionamentu) no SGP (ba asuntu pagamentu nian).

Tuir lolo'os, atu garante sistema jestau no kontrolu ba andamentu projeto nian ho adekuadu no akuradu maka, administrativamente Ministériu Interior ne'ebé nu'udar nain ba projeto (proprietáriu) tenke arkiva dokumentus tantu kona-ba prosesu planeamentu ne'ebé inisia rasik husi projeto nain inklui kria mekanismu hodi hetan arkivu ka kópia dokumentus husi CNA relasiona ho prosesu aprovisionamentu no SGP ne'ebé relasionadu ho prosesu pagamentu ninian.

Situasaun ne'e akontese tanba iha parte ida husi CNA la haruka ba proprietáriu dokumentus relasionadu ho prosesu aprovisionamentu no kontratasau sira, no iha parte seluk, proprietáriu (MI) mós la propoin hela hodi husu dokumentus refere ba CNA.

4. La-utiliza lian ofisiál Tetun ou Portugés iha kontratu servisu ba projetu konstrusaun kazernas foun UPF nian, konforme Dekretu-lei n.º 12/2005

Konforme dadus ne'ebé asesu husi CNA refere, ekipa IGE nota mós katak projeto konstrusaun kazernas UPF 6 iha postu fronteira Munisípiu Bobonaro, Covalima no RAEOA refere, nia dokumentus kontratu servisu nian utiliza deit lian Ingles no la-elabora ou laiha tradusaun ba lian ofisiál Tetun ou Portugés.

Entretantu, tuis lolo'os atu fasilita ho diak entendimentu liu-liu ba empreza nacionál sira maka dokumentus kontratasau servisu hirak ne'e tenke utiliza ka halo tradusaun iha lian ofisiál tantu iha Tetun ou Portugés, konforme sitadu iha alínea 1) no 2) artigu 26.^º dekretu-lei n.º 12/2005 21 Novembru kona-ba Rejime Jurídiku ba Kontratus Públikus, ne'ebé deskreve katak "*O contrato público deve constar por escrito e ser redigido no mesmo idioma que foi exigido para a apresentação dos documentos de concurso, sendo que, quando seja utilizado o idioma inglês, também deve ser assinado pelo menos um exemplar do contrato numa das línguas oficiais da RDTL*". no "*Nos contratos adjudicados às entidades nacionais, deve ser utilizado o idioma português ou tétum*".

C. EZISTE KONDISOINS NO OBSTÁKULUS PREUKUPANTES BA PROJETU KAZERNAS UPF

Konformidade ho resultadu inspesaun iha lokál projeto konstrusaun kazernas UPF 6 ne'ebé suspende refere, iha postu fronteirà Sakato, Oesilo, Citrâna, Mota-Ain, Tunubibi no Mota-Masin, maka ekipa IGE observa katak kondisaun atuál obstaklulus preukupantes tebes, ne'ebé hanesan ba kazernas postu Mota-Ain no Oesilo kuaze finaliza tanba kakuluk taka kompletu, didin óna mas seidauk kompletu, serámika nahe ona parte balu, maibe sei falta mak instalasaun odamatan, janela no haris fatin. Entretantu ba postu 4 seluk seidauk taka kakuluk, balu foin taká kakuluk sorin, balu didin kompletu, maioria uma laran foin nahe simentu grosu no simentu balu mós hahu nakfera. Besi hirak ne'ebé utiliza ba rin no estrutura didin nian komesa ferrujen ona. Atu klaru liu bele observa obstáculos ou kondisoins preukupantes oi-oin mak hanesan mensiona iha tabela n.º 01, 02, no 03 tuij mai ne'e:

1. Kondisoins Espésífiku (fíziku) iha Terenu

Tabela n.º 01
Kondisoins Atuál ba Kazernas UPF Postu Fronteira Sakato, Oesilo no Citrana

No.	Lókál Projetu	Kondisaun Atuál iha Terenu (Kondisaun Espésífiku)	Fotografia ba Kontrusaun Postu UPF
1)	Postu UPF Sakato	<ul style="list-style-type: none"> ✓ Kazerna nia estrutura besi-rin no besi-didin monta ona; ✓ Falta didin no taka kakuluk; ✓ Torre observasaun postu nian eskada monta ona, falta didin no taka kakuluk; ✓ Uma laran foin nahe ho simentu grosu, no balu hahu nakfera; ✓ Iha besi kuadrado hirak ne'ebé monta ona refere, balu hahú ferrujen ona. 	
2)	Postu UPF Oesilo	<ul style="list-style-type: none"> • Kazerna nia kakuluk taka hotu ona kalen; • Parte balun didin ona, mas maioria mak seidauk; • Uma laran no aredoreś nahe hotu ona ho simentu grosu no falta nahe serámika; • Materiál (kalen no besi) barak mak rai hela iha fatín projetu, seidauk monta. 	
3)	Postu UPF Citrana	<ul style="list-style-type: none"> ➢ Kazerna nia kakuluk balu taka ona, maioria mak seidauk taka; ➢ Seidauk didin; ➢ Kompañia nia materiál (kalen ho besi) barak mak sei rai hela iha fatín projetu, seidauk monta. 	

Tabela n.º 02
Kondisoins Atuál ba Kazernas UPF Postu Fronteira Mota-Masin, Munisípiu Covalima

No.	Detalles ba Tipu Material Kontrusaun	Kondisaun Atuál iha Terenu	Fotografia ba Kontrusaun Postu UPF
1)	Besi ba rin, estrutura didin-lolon no kakuluk ba konstrusaun	Besi ne'ebé uza ba airin no ba uma kakuluk monta hotu ona, maibé balun komesa ferrujen liliu besi estrutura ne'ebé atu hodi prega kalen ba.	
2)	Torre ba observasaun	Harii ona, kompletu ho eskada maibé nia leten seidauk taka kalen no iha parte seluk eskada sira ne'ebé montandu ona komesa ferrujen.	

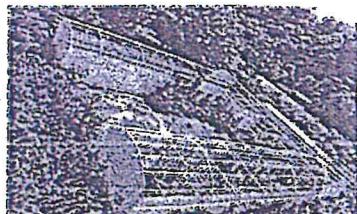
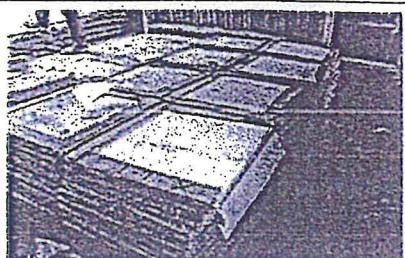
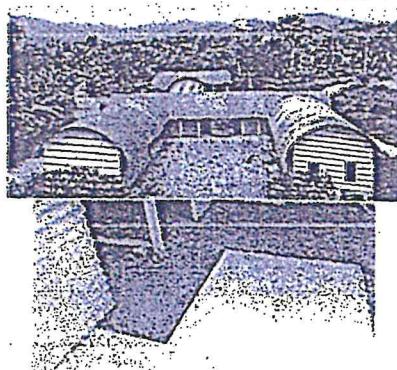
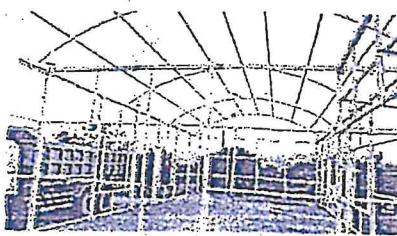
3)	Kalen ba didin no uma kakuluk	Kontrusaun refere maioria didin ona, hela deit uma kakuluk mak seidauk taka ho kalen.	
4)	Fondasi no Simentu ne'ebé nahe iha uma laran	Simentu grosu ne'ebé fui ka nahe iha uma laran ba konstrusaun refere balun komesa nakfera ona.	
5)	Materiál Restu	Materiál ba konstrusaun hanesan serámika ba uma laran no haris fatin inklui mós ho materiál ba sanitária nian kompletu ona no agora dadauk rai iha armazen kompania nian.	

Tabela n.º 03
Kondisoins Atual ba Kazernas UPF Postu Fronteira Mota-Ain no Tunubibi

No.	Lokal Projetu	Kondisaun Atual iha Terenu	Fotografia ba Kontrusaun Postu UPF
1)	Postu UPF Mota-Ain	<ul style="list-style-type: none"> ✓ Kazerna nia kakuluk taka hotu no didin ona ho kalen; ✓ Rin ba Postu Laran kuaze hari no solda ho Besi kuadradu deit; ✓ Kalen taka kakuluk nia tinta komesa nakloke; ✓ Azulezu/serámika taka ona balu; ✓ Plat eskada iha tote no besi kuadradu sira komesa ferujin ona. 	
2)	Postu UPF Tunubibi	<ul style="list-style-type: none"> • Kazerna nia didin ho kakuluk seidauk taka; • Simenti balu hahu nakfera ona no seidauk taka azulezu/serámika; • Fosa/Sintina bee nalihun ka nakonu; • Tore postu nian seidauk taka kalen; • Plat eskada iha Tore no besi kuadradu sira komesa ferujin ona. 	

2. Kondisoins Jerál

- 1) Projetu konstrusaun kazerna UPF hirak ne'e Governu hapara provizóriu iha tinan 2023, no tuir informasaun husi kompañia implementador sira katak prosesu hapara konstrusaun refere verbalmente deit husi Suá Exelénsia Ministro Interior, maibé administrativamente la-ihā karta ruma husi ministériu relevante hodi ofisializa orientasaun refere.

- 2) Tuir durasaun iha kontratu orijinal hatudu katak ho durasaun fulan 8 (15/12/2021 to'o 15/08/2022), no halo estensaun ba kontratu dala rua hodi aumenta tan prazu fulan 16 (extende to'o 31/12/2023), maibé la-konsege finaliza tuir kontratu hirak ne'ebé iha.
- 3) Bazeia ba dadus ne'ebé ekipa hetan husi kompañia implementador projeto katak kauza husi atrazu refere tanba, sira hetan difikultadade ba akizisaun materiál konstrusaun nian relasiona ho kalen hodi taka kakuluk ne'ebé ho modelu kurvadu, fofoun sira rona katak kalen ho modelu refere bele halo ou silu deit iha Dili, entantu wainhira manan tiha projeto sira ba halo konfirmasaun foin nota katak kalen refere la-bele halo ka silu kurvadu iha territóriu nasional, entaun sira tenke ba halo iha Surabaya Indonesia ne'ebé presiza tempu fulan 4 ka 5 maka materiál foin to'o fatin projeto, ne'ebé ekonomikamente ho kustu bo'ot.

Aleinde ne'e, kauza ba atrazu refere implika mós husi prosesu verifikasi saun ADN ba progresu konstrusaun nian ne'ebé nesesita tempu lubuk mak foin bele realiza. Iha parte seluk, rejultadu teste ADN nian ba materiál konstrusaun mós tenke hein tempu naruk to'o simu tiha rezultadu hafoin bele kontinua fila fali servisu.

- 4) Tuir observaçsaun ekipa IGE nian iha terenu hatudu katak iha materiál barak maka sei rai helá iha lokál projeto hanesan kalen hodi taka kakuluk nian, besi hollow (kuadradu) no besi-kanu ba instalasaun kabu eletrisidade nian, maibé kompañia sira hein hela orientasaun husi MI atu instala ka kontinua hodi finaliza obra sira refere.
- 5) Tuir informasaun husi kompañia implementador sira no mós dokumentu invoice balu ne'ebé ekipa IGE asesu hatudu katak kompañia hirak ne'e mós halo kompra ba materiál konstrusaun nian hanesan janela, odamatan, serámika (keramik) no seluk-seluk tan, maibé labele finaliza tanba seidauk iha autorizasãun. Material hirak refere kompañia foin selu balu deit no balu seidauk selu hotu.
- 6) Tuir observasaun ekipa IGE nian katak se kazerna refere atu utiliza deit besi no kalen maka temperatura uma laran nian manas ou la-konfortavel, liu-liu ba postu fronteira hirak ne'ebé lokaliza besik tasi ibun ka area ne'ebé ho nia klima rai manas hanesan postu integradu Sakato, Citrana, Mota-Ain no Mota-Masin, tanba didin lolon no kakuluk/tetu (plafon) sei laiha foru no la monta Ar-kondisionadu (AC).
- 7) Relaciona ho situasaun iha leten, ekipa IGE observa direta ba kazerna doasaun sira ne'ebé utiliza mós besi ho kalen, hodi experimenta duni katak aleinde nia temperatura uma laran la-konfortavel ou manas, nune'e mós membru UPF sira akresenta liu tan katak uma refere sensitivu ba sirkuitu eletrisidade, tanba antigamente sira esperiênsia ona ho akontesimentu ida ho komunidade sunu du'ut iha to'os laran, no ahi han kona fiu eletrisidade ligadu ba kazerna doadu refere, hodi implika uma laran la-bele tama tanba sirkuitu (uma laran ou kalen ho besi hirak ne'e eletrisidade tama hotu kedad).

Aleinde ne'e, ekipa mós nota iha inspesaun ba konstrusaun foun postu Citrana ne'ebé maske foin taka deit kalen kakuluk seidauk didin no ai-horis kudâ haleu maibé kondisaun uma laran mós manas nafatin no la konfortável.

III. KONKLUZAUN NO REKOMENDASAUN

Ho finalidade atu simplifika observasoin no komentárius ba defisiénsias iha leten, maka ekipa IGE apresenta konkluzoins nu'udar sumáriu no rekomasoins balu atu fasilita diak liu autoridade kompetente no responsável sira wainhira hola desizaun ka asaun koretiva, hodi minimiza risku no melloramentu ba futuru.

A. KONKLUZAUN

1. Projeto construsaun kazernas UPF 6 iha postu fronteira Mota-Ain, Tunubibi, Mota-Masin, Sakato, Oesilo no Citrana ne'ebe realizadu husi Governu anterior, liu husi proseso aprovisionamento CNA hahu husi 09 setembru 2021 to'o 15 Dezembru 2021 ne'ebe nia konstrusaun iha inísiu tinan 2022 to'o 2023, maibé la konsege finaliza conforme kontratu, hafoin suspende provizóriu husi Governu atuál liu husi MI to'o ohin loron.
2. Total orsamentu alokadu ba projeto 6 (ne'en) refere hamutuk USD 1,969,097.32, halo ona pagamentu ho total USD 795,233.73 (40,38%), saldo hamutuk USD 1,173,863.59. Montante pagamentu ba kada projeto ho kustu variasaun, montante ki'ik-liu mak ho persentazen 30% até bo'ot-liu mak ho persentazen 51%. Aleinde ne'e, inkuindu mós kustu adisionál ne'ebé hetan ona verifikasiuna husi ADN ho montante total hamutuk USD 788,873.83, ho nune'e total akumulativu hamutuk USD 2,757,971.15. Tuir informasaun hatudu katak kustu adisionál refere antisipa hodi redezeñu fali modelu ba kazerna foun UPF 6 refere ne'ebé sei iha hela períodu suspensaun nia laran.
3. Eziste inkumprimentu ba kontratu servisu iha implementasaun projeto construsaun kazernas 6 refere tanba, mesmu kompañia halo ona estensaun ba kontratu dala rua maibé la konsege finaliza tuir períodu determinadu.
4. Konformidade hó faktus no obstáculos hirak ne'ebé iha maka ekipa IGE konsidera katak, eziste inefisiensia, inefikásia, inkumprimentu legál no la fo'o benefísiu tanba mesmu projeto kazernas refere ho modelu no estrutura ne'ebé simples mas nia inísiu implementasaun iha koresaun barak no obstáculo oi-oin, implika proseso implementasaun hodi la-finaliza tuir kalendáriu ka períodu kontratu orijinal/primeíru nian ne'ebé eziste defisiénsia iha proseso aprovisionamento no kontratasau, no mós ho kondisaun preukupantes iha implementasaun/ezekusaun hanesan tuir mai ne'e:

4.1. Defisiénsia iha Prosesu Aprovisionamento no Kontratasau

- 4.1.1 Eziste empreza singular deit mak kompete iha proseso submisaun dokumentus BoQ to'o kontratasau ba projeto construsaun kazerna UPF iha postu fronteira Mota-Masin, Munisipiu Covalima.
- 4.1.2 Eziste lista distribuisaun dokumentus tenderizaun ne'ebé hamosu dúvidas tanba iha empreza balu mak naran selesionadu ona husi komisaun wainhira halo distribuisaun "bidding dokument".
- 4.1.3 Proprietáriu projeto laiha arkivamentu dokumentus relasiona proseso aprovisionamento no pagamentu ne'ebé realizadu, maibe arkiva deit iha CNA no SGP ne'ebé laos nain ba projeto.

- 4.1.4 La-utiliza ou laiha tradusaun lian ofisiál Tetun ou Portugés iha kontraú servisu ba projeṭu konstrusaun kazernas UPF 6 referidu, konforme sitadu iha dekretu-lei n.º 12/2005, maibé utiliza deit lian Inglés.

4.2. Kondisaun Preukupantes iha Implementasaun/ezekusaun Projetu Kazerna 6 ba UPF

- 4.2.1 Kondisaun atuál/fíziku ba projeṭu kazernas UPF 6 refere, hatudu katak kazerna postu Mota-Ain no Oesilo kuaze finaliza tanba, didin no taka ona kakuluk, falta nahe serámika, instalasaun odamatan, janela no haris fatín. Enkuantu postu 4 seluk seidauk taka kakuluk, balu foin taka sorin deit, balu foin didin kompletu. Maioria uma laran foin nahe simentu grosu no simentu balu mós hahu nakfera. Besi hirak ne'ebé utiliza bá rin no estrutura didin nian, komesa ferrujen ona.

- 4.2.2 Projetu hirak ne'e Governu liu husi MI mak hapara/suspende provizóriu iha tjanan 2023, maibé ho verbalmente deit husi Sua Exelénsia Ministro Interior, administrativamente la-iha karta rumá husi ministériu relevante hodi ofisializa orientasaun refere.

- 4.2.3 Finalizasaun ba konstrusaun kazernas refere atrazu tanba kompañia sira hasoru difíkuldade ba akizisaun kalen ho modelu kurvadu, labele halo iha teritóriu násionál, maibé tenke sosa no silu kurvadu kedes iha nasaun Indonesia no presiza tempu naruk hodi desloka materiál hirak ne'e to'o iha fatín projetu.

Aleinde ne'e, prosesu verifikasiāun husi ADN iha tempu ne'eba, ba progresu konstrusaun nian ne'ebé nesesita tempu lubuk hodi finaliza. No rezultadu teste ADN nian ba materiál konstrusaun mós presiza tempu naruk no kompañia tenke hein rezultadu sai hafoin bele kontinua fali servisu.

- 4.2.4 Kompañia implementador sira nia materiais barak hanesan kalen, besi hollow no besi-kanu ne'ebe rai hela iha fatín projetu, hodi hein orientasaun husi MI atu finaliza obra sira refere. No mós sei iha materiál barak tan mak kompañia sira sosa no rai hela iha armazen, maibé kompañia sira foin selu sorin balu deit, restu deve hela husi nasaun Indonesia.

- 4.2.5 Ekipa IGE observa katak utilizasaun besi ho kalen ba kazerna UPF refere:

- 1) La-konfortável tanba prezudika temperatura uma laran manas liu, espesifikamente ba postu 4 ne'ebe lokaliza besik tasi.
- 2) Inseguransa tanba bele kria oportunidade ba pesoál irresponsavel balu hodi halo lasu ba sirkuitu eletrika hodi desturba ordem fronteira;
- 3) Risku eletrisidade tanba bele hafraku rezisténsia fiu eletrisidade nian, hodi implika sirkuitu eletrisidade ho besi, no fó risku ba vida membru UPF nian, hanesan akontese tempu liu iha kazerna doasaun postu Sakato nian.

B. REKOMENDASAUN

1. Konformidade ho konkluzaun n.^o 4.1.1) iha leten relasiona ho empreza singular deit mak kompete iha prosesu aprovisionamentu ba projetu kazerna UPF postu fronteira Mota-Masin, maka iha futuru wainhira mosu situasaun semellante tenke banati tuir prosedimentus establecidus. Karik kontinua ho prosesu negosiasaun ou prosedimentu ajuste diretu, tenke ho dokumentus justifikasiadaun ruma, hodi la hamosu dúvidas ba nia verasidade.
2. Relasiona ho konkluzaun n.^o 4.1.2) iha leten konaba lista distribuisaun dokumentus tenderizasaun ne'ebé emprezas partisipantes balu nia naran selecionadu antes ona hodi hakerek kadas ho komputadór no balu hakerek ho manual (lapizeira), atu iha futuru tenke tau atensaun ba situasaun refere, tanba lójikamente lista foti dokumentu tenke folla mamuk, wainhira empreza interesadu sira foti dokumentus mak bele prienze naran.
3. Akordu ho konkluzaun n.^o 4.1.3) iha leten konaba proprietáriu (MI) ja-arkivu dokumentus relasiona ho projetu konstrusaun kazernas UPF nian refere, maka atu buka meius hodi husu no arkiva dökumentus relationadu ho prosesu aprovisionamentu ate pagamentu relasiona ho grandes projetus ne'ebé realiza husi CNA no SGP.
4. Relationadu ho konkluzaun n.^o 4.1.4) iha leten konaba utiliza deit lian inglés iha kontratu servisu ba projetu konstrusaun kazernas UPF refere, maka karik iha futuru tenke utiliza ou halo tradusaun mós kontratu refere iha lian ofisiál Tetun ou Portugés, hodi nune'e bele fasilita diak liu intendimentu ba obrigasaun sira ne'ebé mensionadu, tuir rekezitus dekretu-lei n.^o 12/2005.
5. Konformidade ho konkluzaun n.^o 4.2.2) iha leten, karik iha futuru mosu desizaun ruma hanesan orientasaun ba hapara provizóriu konstrusaun kazernas iha kada postu fronteira sira refere ka semellante, maka entidade kompetente hanesan MI administrativamente tenke informa liu husi karta ruma hodi ofisializa desizaun referidu, atu nune'e bele seguru liu no la fó dúvidas ba ezekutador no tékniku sira.
6. Akordu ho konkluzaun n.^o 4.2.3) iha leten, atu iha futuru bele halo estimasaun ho efisiénsia iha utilizasaun materiál konstrusaun nian, liu-liu relasiona redezeñu kazernas ne'ebé atu altera refere, tenke prioridade ba utilizasaun materiál ba konstrusaun nian ne'ebé facil bele produz ka akizi iha rai laran. No rekomenada atu entidade verifikador sira hanesan ADN tenke aselerá prosesu verifikasiadaun progresu no teste materiál konstrusaun, atu la-implika kalendáriu progresu konstrusaun ninian.
7. Bazeadu ba konkluzaun n.^o 4.2.4) iha leten, atu buka meius ruma hodi solusiona materiál konstrusaun ne'ebé kompaňia implementador projetu sira oras ne'e sosa hela ho deve maibé labele kontinua projeto. Karik husi parte MI no parte relevante sira bele halo verifikasiadaun no kalkulasaun ba kustu real husi materiál konstrusaun hirak refere, hodi Governu bele selu tuir kustu ne'ebé sei deve (karik iha re-dezeñu foun)
8. Relasiona ho konkluzaun n.^o 4.2.5) iha leten, maka JGE ho respeitu aseita ho desizaun Governu atuál liu husi Ministériu Interior atu re-dezeñu konstrusaun kazernas UPF refere. No rekomenada mós atu halo estimasaun ho objetividade ba utilizasaun materiál konstrusaun nian, karik bele halo kombinasaun materiál

kontrusaun entre besi no kalen hirak ne'ebé oras ne'e instala no sosa ona iha fatin projetu, atu nune'e iha efetividade no efisiénsia ba utilizasaun orsamentu, ou karik material hirak ne'e la-konsege re-utiliza bele re-aloka fali ba projetu seluk ne'ebé nesesáriu.

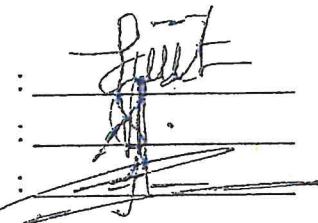
9. Konformidade ho modelu (kaikuluk) husi kazernas hirak ne'ebé konstrui hela no ia refleta identidade arkitetura uma tradisionál/rejonál Timor-Leste nian, maka rekomenda mós ba Governu atu liu husi Ministériu Interior liu-liu relasiona ho redexeñu refere, atu utiliza ka tau atensaun ba modelu arkitetura ne'ebé reprezenta identidade uma tradisionais no rejonal iha Timor-Leste, tantu mais lokalizasaun ba kazernas referidu sitadu iha portaun fronteira NASAUN nian, hanesan parte ida hodi promove identidade kulturál uma tradisionál nian.

Maka ne'e deit relatorio auditoria ba kontrusaun kazerna foun 6 ba UPF iha postu integradu fronteira RAEOA, Bobonaro no Covalima, maka apresenta ba superioridade hodi hetan konsiderasaun.

Dili, 20 juñu 2025
Ekipa Auditoria

Xefe Ekipas:

Yuliana Bete



Eduardo da Costa Sales



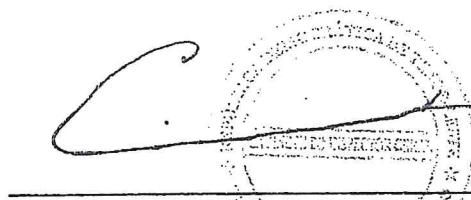
Mariano Pereira Hornai




Tito Roserio
Supervisor Ekipa/Diretor DNSA

Sua Exeléncia,

Hafoin hala'o revizaun ba relatório ida nee, hau aprova ninia konteudu tuir li'a ha-kotu iha Dekretu-lei n.º 22/2009 "Estatuto da Inspecção Geral do Estado" alínea d), pontu 2 Artigu 16.º, hodi submete ba superior atu bele hetan apresiasaun no mós konsiderasaun husi Sua Exeléncia, hodi foti desizaun ne'ebé konviniente.



Francisco de Carvalho
Inspecor Geral do Estado



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

Name of project : New Construction of UPF Building in Tunubibi
Location of Project : Aldeia Tunubibi, Suco Tapo memo, Posto Adm. Maliana, Municipio Bobonaro

VARIATION ORDER

SECTION NO.	DESCRIPTION	ORIGINAL CONTRACT AMOUNT (USD)	VARIATION ORDER BY OWNER AMOUNT (USD)	VARIATION ORDER BY ADN, I.P. AMOUNT (USD)
1	EXTERNAL WORKS	\$ 5.054,00	\$ 5.054,00	\$ 4.304,00
2	OFFICE BUILDING	\$ 56.950,65	\$ 85.616,16	\$ 84.565,00
3	DORMITORY BUILDING	\$ 140.565,65	\$ 195.896,32	\$ 191.042,42
4	MEETING ROOM BUILDING	\$ 47.928,25	\$ 85.304,96	\$ 84.457,06
5	POST AND SERVICE ROOM BUILDING	\$ 24.374,12	\$ 58.470,04	\$ 56.419,17
A	TOTAL (1 + 2 + 3 + 4 + 5)	\$ 274.872,67	\$ 430.341,49	\$ 420.787,64
B	CONTRACTOR FEE (10% x A)	\$ 27.487,27	\$ 43.034,15	\$ 42.078,76
C	OVERHEAD (6)	\$ 3.900,00	\$ 3.900,00	\$ 3.900,00
D	TAX (2% x (A+B+C))	\$ 6.125,20	\$ 9.545,51	\$ 9.335,33
E	TOTAL (A + B + C + D)	\$ 312.385,14	\$ 486.821,16	\$ 476.101,74

Verified by :

(Mario Gusmao Mendes)
Civil Engineer ADN, I.P.

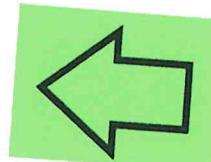
Checked By :

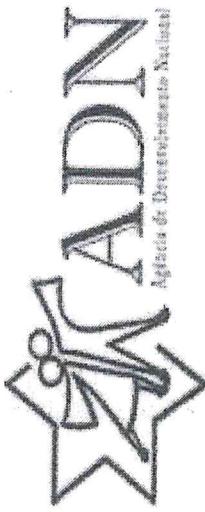
(Johannes Hornay)
Senior Engineer EPMEITCM - ADN, I.P.

Certified By :

(Melenia da Costa Barros)
Coordenadora UAP - ADN, I.P.

(Olivio M. Correia)
Electrical Engineer ADN, I.P.





AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Name of project : New Construction of UFF Building in Tumbibé
 Location of Project : Aldeia Tumbibé, Saco Tapo Acreno, Posto Adm. Mallana, Município Bolonaro

VARIATION ORDER

ITEM NO.	DESCRIPTION	VARIATION ORDER BY CONTRACTOR						VARIATION ORDER BY ADMINISTRATOR		
		ORIGINAL CONTRACT UNIT	UNIT PRICE	QUANTITY	AMOUNT	INCREASE (+)	DECREASE (-)	REVISED CONTRACT QUANTITY	REVISED CONTRACT AMOUNT	INCREASE (+)
A EXTERNAL WORKS										
1 Storage or Material	Ls \$ 300,00 1,00 \$	300,00 \$ 300,00 \$	200,00 \$ 200,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	300,00 \$ 300,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
2 Driller's Keel	Ls \$ 200,00 1,00 \$	200,00 \$ 200,00 \$	100,00 \$ 100,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	200,00 \$ 200,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
3 Mesh for labour	Ls \$ 300,00 1,00 \$	300,00 \$ 300,00 \$	100,00 \$ 100,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	300,00 \$ 300,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
4 Bowbank										
5 Temporary fence	M1 \$ 8,00 1,00 \$	8,00 \$ 2704,00 \$	8,00 \$ 2704,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	316,00 \$ 2704,00 \$	8,00 \$ 0,00 \$	0,00 \$ 0,00 \$
6 Water for works	Ls \$ 100,00 1,00 \$	100,00 \$ 100,00 \$	100,00 \$ 100,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	100,00 \$ 100,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
7 Information board project	Unit \$ 100,00 1,00 \$	100,00 \$ 100,00 \$	100,00 \$ 100,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	100,00 \$ 100,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
8 Mobilization and Demobilization	Ls \$ 600,00 1,00 \$	600,00 \$ 600,00 \$	600,00 \$ 600,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	600,00 \$ 600,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
Total Preparation Works		\$ 2054,00						\$ 5054,00		
B OFFICE BUILDING										
A PREPARATION WORKS										
1 Site clearing start and finish the work	m2 \$ 1,00 1,00 \$	320,00 \$ 320,00 \$	1,00 \$ 320,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	320,00 \$ 320,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
2 Baypank	Ls \$ 375,00 1,00 \$	375,00 \$ 375,00 \$	75,00 \$ 375,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	375,00 \$ 375,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
3 Water for work	Ls \$ 75,00 1,00 \$	75,00 \$ 75,00 \$	75,00 \$ 75,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	75,00 \$ 75,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
4 Electrical for work	Ls \$ 75,00 1,00 \$	75,00 \$ 75,00 \$	75,00 \$ 75,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,00 \$ 1,00 \$	75,00 \$ 75,00 \$	0,00 \$ 0,00 \$	1,00 \$ 1,00 \$
Total Preparation Work		\$ 845,00						\$ 845,00		
B EARTH, Stone and Sand work										
1 Excavation under foundation	m3 \$ 4,00 16,40 \$	65,92 \$ 4,00 27,80 \$	11,18 \$ 11,18 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	4,428 \$ 171,00 \$	4,00 \$ 171,00 \$	0,00 \$ 0,00 \$	4,428 \$ 171,00 \$
2 Sand filling under foundation	m3 \$ 10,00 1,26 \$	13,60 \$ 10,00 \$	2,67 \$ 26,65 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	4,03 \$ 40,25 \$	4,00 \$ 40,25 \$	0,00 \$ 0,00 \$	4,03 \$ 40,25 \$
3 Lean concrete for foot plate	m3 \$ 120,00 0,45 \$	54,00 \$ 120,00 \$	0,45 \$ 54,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	54,00 \$ 120,00 \$	0,00 \$ 120,00 \$	0,00 \$ 0,00 \$	54,00 \$ 120,00 \$
4 Soil backfill	m3 \$ 1,70 1,681 \$	1,70 \$ 1,681 \$	0,34 \$ 0,58 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,023 \$ 17,39 \$	1,70 \$ 17,39 \$	0,00 \$ 0,00 \$	1,023 \$ 17,39 \$
5 Sand filling under floor	m3 \$ 12,00 13,20 \$	15,96 \$ 12,00 \$	12,00 \$ 12,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1,652 \$ 12,00 \$	1,622 \$ 12,00 \$	0,00 \$ 0,00 \$	1,652 \$ 12,00 \$
6 Selected material for leveling floor	m3 \$ 9,00 10,640 \$	95,76 \$ 9,00 \$	9,15 \$ 73,14 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	114,53 \$ 1,030,74 \$	9,00 \$ 1,030,74 \$	0,00 \$ 0,00 \$	114,53 \$ 1,030,74 \$
7 Rip-rap works	m3 \$ 25,00 3,64 \$	91,00 \$ 25,00 \$	15,66 \$ 91,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	19,30 \$ 48,50 \$	25,00 \$ 48,50 \$	0,00 \$ 0,00 \$	19,30 \$ 48,50 \$
8 Stone masonry works	m3 \$ 60,00 10,92 \$	655,20 \$ 60,00 \$	25,00 \$ 655,20 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	431,4 \$ 2,563,37 \$	60,00 \$ 2,563,37 \$	0,00 \$ 0,00 \$	431,4 \$ 2,563,37 \$
C MASONRY WORKS and RENDER		\$ 2,013,73					\$ 4,293,35			\$ 4,293,35
1 Wall Zinc	m2 \$ 18,00 61,60 \$	1,098,00 \$ 18,00 \$	18,00 \$ 1,098,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	314,67 \$ 5,664,06 \$	301,33 \$ 5,664,06 \$	0,00 \$ 0,00 \$	314,67 \$ 5,664,06 \$
2 Frame 1,50x0,55mm (External & Internal)	kg \$ 2,00 131,9,30 \$	2,639,00 \$ 2,00 \$	1,93,50 \$ 2,639,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	1319,20 \$ 5,664,06 \$	0,00 \$ 5,664,06 \$	0,00 \$ 0,00 \$	1319,20 \$ 5,664,06 \$
Total Masonry work and Render		\$ 1,35	\$ 13,727,00				\$ 2,894,46			\$ 2,894,46
D FLOOR WORK										
1 Ceramics floor 600x600mm for main building type as drawing	m2 \$ 30,00 16,20 \$	4,66,000 \$ 30,00 \$	6,00 \$ 16,20,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	168,00 \$ 5,046,00 \$	30,00 \$ 5,046,00 \$	0,00 \$ 0,00 \$	168,00 \$ 5,046,00 \$
2 Ceramics floor 200x200mm for toilet type as drawing	m2 \$ 20,00 8,00 \$	16,000 \$ 20,00 \$	20,00 \$ 16,000 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	16,000 \$ 20,00 \$	20,00 \$ 20,00 \$	0,00 \$ 0,00 \$	16,000 \$ 20,00 \$
3 Concrete Capping for floor work	m3 \$ 124,00 13,30 \$	1,64,92,20 \$ 124,00 \$	4,30 \$ 1,64,92,20 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	533,20 \$ 2,162,40 \$	124,00 \$ 2,162,40 \$	0,00 \$ 0,00 \$	533,20 \$ 2,162,40 \$
Total Floor work		\$ 6,669,20	\$ 713,20				\$ 7,392,40			\$ 7,392,40
E CONCRETE WORKS										
1 Concrete footplate 600x600 mm										
Concrete 25 Mpa	m3 \$ 14,000 2,08 \$	1,31 \$ 14,000 \$	1,31 \$ 14,000 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	3,39 \$ 474,40 \$	1,31 \$ 474,40 \$	0,00 \$ 0,00 \$	3,39 \$ 474,40 \$
Reinforced Framework	kg \$ 150 911,61 \$	1,67,771 \$ 150 \$	1,67,771 \$ 150 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	621,64 \$ 746,07 \$	1,59 \$ 746,07 \$	0,00 \$ 0,00 \$	621,64 \$ 746,07 \$
Concrete 15x15x250 mm	m2 \$ 20,00 9,87 \$	19,739 \$ 20,00 \$	20,30 \$ 19,739 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	603,33 \$ 2,030,74 \$	20,30 \$ 2,030,74 \$	0,00 \$ 0,00 \$	603,33 \$ 2,030,74 \$
Concrete 25 Mpa	m3 \$ 14,000 4,38 \$	61,63,20 \$ 14,00 \$	9,75 \$ 61,63,20 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	104,74 \$ 717,94 \$	0,75 \$ 717,94 \$	0,00 \$ 0,00 \$	104,74 \$ 717,94 \$
Reinforced Framework	kg \$ 100 630,50 \$	630,50 \$ 100 \$	233,88 \$ 630,50 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	65,38 \$ 864,39 \$	1,00 \$ 864,39 \$	0,00 \$ 0,00 \$	65,38 \$ 864,39 \$
Concrete 60x60x60 mm	m2 \$ 30,00 29,19 \$	5,975,78 \$ 30,00 \$	5,975,78 \$ 30,00 \$	0,00 \$ 0,00 \$	0,00 \$ 0,00 \$	- \$ - \$	66,38 \$ 2,051,25 \$	30,00 \$ 2,051,25 \$	0,00 \$ 0,00 \$	66,38 \$ 2,051,25 \$

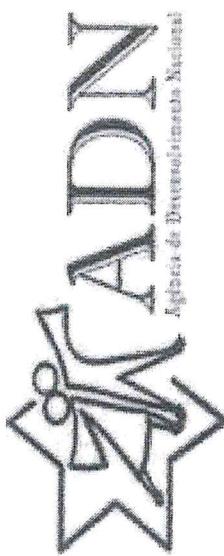
3	Steel beam ring (SB) 80x80x2 mm	kg	\$ 185	1502.56	\$ 2.9774	\$ 1.85	\$ -	1069.71	\$ 20.556	492.05	\$ 911.78	\$ 185	0.00	\$ 17.99	\$ 1089.71	\$ 2.05.96	492.85	\$ 911.78	\$ 1.344.98	
4	Steel column (SC) 80x80x2 mm	kg	\$ 185	63.02	\$ 1.171.09	\$ 1.85	\$ 91.51	726.53	\$ 1344.08	\$ 1.85	\$ 93.51	\$ 1.85	-	\$ 17.99	0.00	\$ -	725.53	\$ 2.637.60	\$ 2.275.22	\$ 7713.23
F	DOORS, WINDOWS And VENTILATION WORKS																			
1	Supply and install Aluminum frame door type D-W-1 + accessories	unit	\$ 1,200.00	1.00	\$ 1,200.00	\$ 1,200.00	\$ -	\$ -	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 1,200.00	
2	Supply and install Aluminum frame door type D-W-2 + accessories	unit	\$ 500.00	1.00	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 500.00	
3	Supply and install Steel frame door type D-W-3 + accessories	unit	\$ 500.00	1.00	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 500.00	
4	Supply and install Steel frame door type D-W-4 + accessories	unit	\$ 500.00	1.00	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 500.00	
5	Supply and install Aluminum frame door type D-1 + accessories	unit	\$ 700.00	1.00	\$ 700.00	\$ 700.00	\$ -	\$ -	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ 700.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 700.00	
6	Supply and install Aluminum frame door type D-2 + accessories	unit	\$ 400.00	2.00	\$ 800.00	\$ 400.00	\$ -	\$ -	\$ 800.00	\$ 400.00	\$ 800.00	\$ 400.00	\$ 800.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 800.00	
7	Supply and install Aluminum frame door type D-3 + accessories	unit	\$ 400.00	1.00	\$ 400.00	\$ 400.00	\$ -	\$ -	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 400.00	
8	Supply and install PVC frame door type D-4 + accessories	unit	\$ 140.00	1.00	\$ 140.00	\$ 140.00	\$ -	\$ -	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 140.00	
9	Supply and install PVC frame door type D-5 + accessories	unit	\$ 140.00	1.00	\$ 140.00	\$ 140.00	\$ -	\$ -	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ 140.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 140.00	
10	Supply and install Aluminum frame window type W-1 + accessories	unit	\$ 340.00	9.00	\$ 2720.00	\$ 340.00	\$ -	\$ -	\$ 2720.00	\$ 340.00	\$ 340.00	\$ 340.00	\$ 340.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 2720.00	
11	Supply and install Wooden frame ventilation type BV-1 + accessories	unit	\$ 65.00	1.00	\$ 65.00	\$ 65.00	\$ -	\$ -	\$ 65.00	\$ 65.00	\$ 65.00	\$ 65.00	\$ 65.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 65.00	
	Total doors, windows and ventilation works				\$ 7,665.00										\$ 7,665.00					\$ 7,665.00
G	ROOFING WORKS																			
1	ETR Zincated Roofing	m2	\$ 19.25	223.00	\$ 429.75	\$ 19.25	\$ 42.41	\$ 816.40	\$ 80.31	\$ 144.44	\$ 145.44	\$ 19.25	\$ 42.41	\$ 816.40	\$ 80.31	\$ 0.00	\$ 0.00	\$ 0.00	\$ 265.41	
2	Galv. Purline Ø 2"	m1	\$ 15.00	277.26	\$ 415.92	\$ 15.00	\$ 5.25	\$ 215.06	\$ 24.00	\$ 6.10	\$ 6.10	\$ 15.00	\$ 5.25	\$ 215.06	\$ 24.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 282.61	
3	Galv. Purline Ø 3"	m1	\$ 24.00	89.84	\$ 2.156.06	\$ 24.00			\$ 896.71	\$ 10.697.71	\$ 10.697.71	\$ 10.697.71	\$ 10.697.71	\$ 10.697.71	\$ 13.357.98	\$ 13.357.98	\$ 0.00	\$ 0.00	\$ 0.00	\$ 4,232.21
	Total Roofing works				\$ 10,697.71															\$ 20.097.62
H	CEILING WORKS																			
1	Ceil ceiling	m2	\$ 40.00	18.00	\$ 720.00	\$ 40.00			\$ 16.20	\$ 12.48	\$ 720.00	\$ 40.00	\$ 16.20	\$ 12.48	\$ 686.40	\$ 55.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 146.44
2	Canopy (ACP frame and accessories)	m2	\$ 55.00	12.48	\$ 686.40	\$ 55.00			\$ 16.20	\$ 12.48	\$ 720.00	\$ 40.00	\$ 16.20	\$ 12.48	\$ 686.40	\$ 55.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 12.48
	Total Ceiling works				\$ 1,406.40															\$ 1,406.40
I	ELECTRICAL WORKS																			
1	Supply and install panel board weather proof (16 module good quality for connected EDTL to internal building)	unit	\$ 500.00	1.00	\$ 500.00	\$ 500.00	\$ -	\$ -	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 500.00	
2	Supply and install panel board weather proof (36 module good quality for connected EDTL to internal building)	unit	\$ 100.00	3.00	\$ 300.00	\$ 100.00	\$ -	\$ -	\$ 300.00	\$ 300.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 300.00	
3	Supply and install philips lamp 20 watt good quality	unit	\$ 15.00	8.00	\$ 120.00	\$ 15.00			\$ 0.00	\$ 120.00	\$ 15.00	\$ 15.00	\$ 15.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 120.00	
4	Supply and install philips lamp 10 watt good quality	unit	\$ 11.00	5.00	\$ 55.00	\$ 11.00			\$ 5.00	\$ 55.00	\$ 11.00	\$ 11.00	\$ 11.00	\$ -	\$ 5.00	\$ -	\$ 5.00	\$ -	\$ 55.00	
5	Supply and install power outlet	unit	\$ 5.00	6.00	\$ 30.00	\$ 5.00			\$ 6.00	\$ 6.00	\$ 30.00	\$ 5.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ -	\$ 6.00	\$ -	\$ 6.00	\$ 30.00
6	Supply and install single switch lamp good quality	unit	\$ 5.00	6.00	\$ 30.00	\$ 5.00			\$ 6.00	\$ 6.00	\$ 30.00	\$ 5.00	\$ 6.00	\$ 6.00	\$ 6.00	\$ -	\$ 6.00	\$ -	\$ 6.00	\$ 30.00
7	Supply and install double switch lamp good quality	unit	\$ 5.00	2.00	\$ 10.00	\$ 5.00			\$ 2.00	\$ 2.00	\$ 10.00	\$ 5.00	\$ 2.00	\$ 2.00	\$ 2.00	\$ -	\$ 2.00	\$ -	\$ 2.00	\$ 10.00
8	Supply and install cable NYM X2.5 mm² good quality for installation electrical person.	unit	\$ 4.00	200.00	\$ 800.00	\$ 4.00			\$ 200.00	\$ 800.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ -	\$ 200.00	\$ 800.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 800.00
9	Supply and install Pipe AV for installation electric	unit	\$ 4.00	50.00	\$ 200.00	\$ 4.00			\$ 50.00	\$ 200.00	\$ 4.00	\$ 4.00	\$ 4.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 50.00	
	Total Electrical works				\$ 2,045.00															\$ 2,045.00
J	PLUMBING AND SANITATION WORKS																			
1	Seat/closet colour white + accessories	unit	\$ 260.00	1.00	\$ 260.00	\$ 260.00	\$ -	\$ -	\$ 1.00	\$ 260.00	\$ 260.00	\$ 260.00	\$ 260.00	\$ -	\$ 0.00	\$ -	\$ 0.00	\$ -	\$ 260.00	
2	Cring closet colour white + accessories	unit	\$ 70.00	1.00	\$ 70.00	\$ 70.00			\$ 1.00	\$ 70.00	\$ 70.00	\$ 70.00	\$ 70.00		\$ 0.00		\$ 0.00		\$ 70.00	
3	Water tank + accessories	unit	\$ 150.00	1.00	\$ 150.00	\$ 150.00			\$ 1.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00		\$ 0.00		\$ 0.00		\$ 150.00	
4	Wastef + accessories include mirror to internal toilet	unit	\$ 180.00	1.00	\$ 180.00	\$ 175.00			\$ 1.00	\$ 180.00	\$ 175.00	\$ 175.00	\$ 175.00		\$ 0.00		\$ 0.00		\$ 180.00	
5	Hand shower with valve	unit	\$ 175.00	1.00	\$ 175.00	\$ 175.00			\$ 1.00	\$ 175.00	\$ 175.00	\$ 175.00	\$ 175.00		\$ 0.00		\$ 0.00		\$ 175.00	
6	Supply and install floor drainage	unit	\$ 2.00	12.00	\$ 6.00	\$ 2.00			\$ 2.00	\$ 12.00	\$ 6.00	\$ 6.00	\$ 6.00		\$ 0.00		\$ 0.00		\$ 12.00	
7	Pipe PVC dia 5" for cold water pipe installation	m1	\$ 3.00	100.00	\$ 300.00	\$ 3.00			\$ 100.00	\$ 100.00	\$ 3.00	\$ 3.00	\$ 3.00		\$ 100.00		\$ 0.00		\$ 300.00	
8	Pipe PVC dia 4" for closed pipe installation	m1	\$ 14.00	50.00	\$ 700.00	\$ 14.00			\$ 50.00	\$ 700.00	\$ 14.00	\$ 14.00	\$ 14.00		\$ 0.00		\$ 0.00		\$ 109.00	
9	Sep/ctank	unit	\$ 650.00	1.00	\$ 650.00	\$ 650.00			\$ 1.00	\$ 650.00	\$ 650.00	\$ 650.00	\$ 650.00		\$ 0.00		\$ 0.00		\$ 700.00	
10	Absorption	unit	\$ 400.00	1.00	\$ 400.00	\$ 400.00			\$ 1.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00		\$ 0.00		\$ 0.00		\$ 650.00	
11	Total Sanitation works				\$ 3,997.00										\$ 3,997.00					\$ 3,997.00
	Total																			
K	Additional New Item																			
1	Protection Painting (anti karat)																			
1	Steel beam ring GSB 80x80x2 mm	m2	\$ 3.84		\$ 34.68	\$ 3.84			\$ 133.94	\$ 197.44	\$ 3.84	\$ 3.84	\$ 3.84		\$ 34.68	\$ 3.75	\$ 133.94	\$ 197.44	\$ 34.68	
2	Steel column (S5.5) 80x80x2 mm	m2	\$ 3.84		\$ 51.42	\$ 3.84			\$ 51.42	\$ 51.42	\$ 51.42	\$ 51.42	\$ 51.42		\$ 51.42	\$ 3.75	\$ 51.42	\$ 51.42	\$ 51.42	
3	Hollow 30x50x2 mm (S15x15)	m2	\$ 3.84		\$ 99.65	\$ 382.67			\$ 99.65	\$ 382.67	\$ 99.65	\$ 382.67	\$ 99.65		\$ 99.65	\$ 3.75	\$ 99.65	\$ 382.67	\$ 99.65	
4	Hollow 30x50x1.5mm	m2	\$ 3.84		\$ 11.48	\$ 44.08			\$ 11.48	\$ 44.08	\$ 11.48	\$ 11.48	\$ 11.48		\$ 11.48	\$ 3.75	\$ 11.48	\$ 44.08	\$ 11.48	
5	Hollow 20x20x1.5mm	m2	\$ 3.84		\$ 12.23	\$ 46.95			\$ 12.23	\$ 46.95	\$ 12.23	\$ 12.23	\$ 12.23		\$ 12.23	\$ 3.75	\$ 12.23	\$ 46.95	\$ 12.23	
6	Galvanis 2"	m2	\$ 3.84		\$ 173.27	\$ 45.12			\$ 45.12	\$ 173.27	\$ 45.12	\$ 45.12	\$ 45.12		\$ 45.12	\$ 3.75	\$ 45.12	\$ 173.27	\$ 45.12	

7	Galvanis 3"	m2	\$ 3.84		\$ 3.84	20/05	\$ 77.00	\$ -	\$ 20/05	\$ 77.00	\$ 3.75	20/05	\$ 75.20	0.00	\$ -	20/05	\$ -	26.00	\$ -	20/05	\$ -	26.00		
8	Plastic for column protection	roll	\$ 5.20		\$ 5.20	5.00	\$ 26.00		\$ -	5.00	\$ 26.00	\$ 5.20	5.00	\$ 26.00	0.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	26.00	
9	Anchor bolt 16mm-60cm	unit	\$ 7.50		\$ 7.50	5.00	\$ 37.50		\$ -	5.00	\$ 37.50	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	26.00	
10	Anchor bolt 19mm-60cm	unit	\$ 9.50		\$ 9.50	5.00	\$ 47.50		\$ -	5.00	\$ 47.50	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	26.00	
11	Plate 6mm (truss support)	kg	\$ 1.95		\$ 1.95	16.40	\$ 31.99	\$ -	\$ 1.95	16.40	\$ 31.99	\$ 2.36	16.40	\$ 36.72	0.00	\$ -	16.40	\$ 36.72	0.00	\$ -	25.18	\$ 36.72	0.00	
12	Plate 9mm (column support)	kg	\$ 1.95		\$ 1.95	25.18	\$ 49.10	\$ -	\$ 1.95	25.18	\$ 49.10	\$ 2.36	25.18	\$ 59.42	0.00	\$ -	25.18	\$ 59.42	0.00	\$ -	101.74	\$ 101.74	0.00	
13	Plate 9mm (join column to truss, double w., 20x20 cm)	kg	\$ 1.95		\$ 1.95	101.74	\$ 198.39	\$ -	\$ 1.95	101.74	\$ 198.39	\$ 2.36	101.74	\$ 240.10	0.00	\$ -	101.74	\$ 240.10	0.00	\$ -	101.74	\$ 240.10	0.00	
14	Base plate 12mm, 15x25mm	kg	\$ 2.05		\$ 2.05	5.00	\$ 10.25		\$ -	5.00	\$ 10.25	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	26.00	
15	Base plate 14mm, 10x30mm	kg	\$ 1.95		\$ 1.95	5.00	\$ 9.75		\$ -	5.00	\$ 9.75	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	5.00	\$ -	26.00	
16	Chekered plate floor (lower)	unit	\$ 650.00		\$ 650.00	3.00	\$ 1.950.00		\$ -	3.00	\$ 1.950.00	\$ 567.28	3.00	\$ 1.701.84	0.00	\$ -	3.00	\$ 1.701.84	0.00	\$ -	3.00	\$ 1.701.84	0.00	
25	AC 2 PK + all accessories	unit	\$ 450.00		\$ 450.00	3.00	\$ 1.350.00		\$ -	3.00	\$ 1.350.00	\$ 450.00	3.00	\$ 1.350.00	0.00	\$ -	3.00	\$ 1.350.00	0.00	\$ -	3.00	\$ 1.350.00	0.00	
26	AC 1 PK + all accessories	unit	\$ 300.00		\$ 300.00	3.00	\$ 900.00		\$ -	3.00	\$ 900.00	\$ 326.00	3.00	\$ 971.00	0.00	\$ -	3.00	\$ 971.00	0.00	\$ -	3.00	\$ 971.00	0.00	
27	AC 0.5 PK + all accessories	unit	\$ 200.00		\$ 200.00	3.00	\$ 600.00		\$ -	3.00	\$ 600.00	\$ 198.39	3.00	\$ 495.00	0.00	\$ -	3.00	\$ 495.00	0.00	\$ -	3.00	\$ 495.00	0.00	
Part II																								
11	Additional New Item																							
1	Preparation & Removal (Pembongkaran, perapahan, serta pembersihan sekaligus)	Concrete, reinforcement	m3	\$ 61.60		\$ 61.60	0.58	\$ 54.29		\$ -	0.88	\$ 54.29	\$ 51.33	0.88	\$ 45.23	0.00	\$ -	0.88	\$ 45.23	0.00	\$ -	301.33	\$ 301.33	0.00
	Frame (SHS/RHS & zinc/steel)	m2	\$ 1.04		\$ 1.04	301.33	\$ 313.58		\$ -	301.33	\$ 313.58	\$ 0.44	301.33	\$ 135.59	0.00	\$ -	301.33	\$ 135.59	0.00	\$ -	301.33	\$ 135.59	0.00	
	Cartridge/modification SHS as follows:																							
	strengthening the column and beam (to combine with concrete, SHS and concrete). Find methods of implementation attach and communicate with relevant the engineer.	Is	\$ 200.00		\$ 200.00	1.00	\$ 200.00		\$ -	1.00	\$ 200.00	\$ 200.00	1.00	\$ 200.00	0.00	\$ -	1.00	\$ 200.00	0.00	\$ -	1.00	\$ 200.00	0.00	
2	Ordinary block wall masonry (1 cement: 4 sand)	m2	\$ 13.85		\$ 13.85	5.00	\$ 69.25		\$ -	5.00	\$ 69.25	\$ 14.57	5.00	\$ 493.94	0.00	\$ -	5.00	\$ 493.94	0.00	\$ -	332.15	\$ 332.15	0.00	
3	Ordinary wall plaster - interior (1 cement: 5 sand)	m2	\$ 5.14		\$ 5.14	497.41	\$ 2.595.29		\$ -	497.41	\$ 2.595.29	\$ 5.24	497.41	\$ 2.554.03	0.00	\$ -	497.41	\$ 2.554.03	0.00	\$ -	497.41	\$ 2.554.03	0.00	
4	Ordinary wall plaster - exterior (1 cement: 5 sand)	m2	\$ 5.14		\$ 5.14	237.25	\$ 1.219.47		\$ -	237.25	\$ 1.219.47	\$ 5.24	237.25	\$ 1.243.19	0.00	\$ -	237.25	\$ 1.243.19	0.00	\$ -	497.41	\$ 497.41	0.00	
5	Cement render - interior only	m2	\$ 3.19		\$ 3.19	497.41	\$ 1.554.84		\$ -	497.41	\$ 1.554.84	\$ 3.30	497.41	\$ 1.660.95	0.00	\$ -	497.41	\$ 1.660.95	0.00	\$ -	497.41	\$ 1.660.95	0.00	
6	Wall painting - interior (plaster, prime + final 2x)	m2	\$ 4.07		\$ 4.07	497.41	\$ 1.983.76		\$ -	497.41	\$ 1.983.76	\$ 3.56	497.41	\$ 1.735.48	0.00	\$ -	497.41	\$ 1.735.48	0.00	\$ -	497.41	\$ 1.735.48	0.00	
7	Wall painting - Exterior (prime + final 2x)	m2	\$ 3.90		\$ 3.90	237.25	\$ 925.28		\$ -	237.25	\$ 925.28	\$ 3.56	237.25	\$ 844.61	0.00	\$ -	237.25	\$ 844.61	0.00	\$ -	237.25	\$ 844.61	0.00	
8	Concrete Column 200x200 mm - combine SIS with concrete (using & concrete vibrator)	Concrete Reinforced Formwork	m3	\$ 121.46		\$ 121.46	3.65	\$ 443.33		\$ -	3.65	\$ 443.33	\$ 140.00	3.65	\$ 511.00	0.00	\$ -	3.65	\$ 511.00	0.00	\$ -	617.30	\$ 617.30	0.00
	Reinforced Formwork	kg	\$ 1.59		\$ 1.59	617.30	\$ 981.51		\$ -	617.30	\$ 981.51	\$ 1.00	617.30	\$ 617.30	0.00	\$ -	617.30	\$ 617.30	0.00	\$ -	73.00	\$ 73.00	0.00	
9	Concrete Beam (balok) 150x200 mm - combine SIS with concrete (using & concrete vibrator)	Concrete Reinforced Formwork	m3	\$ 121.46		\$ 121.46	4.12	\$ 500.42		\$ -	4.12	\$ 500.42	\$ 140.00	4.12	\$ 576.80	0.00	\$ -	4.12	\$ 576.80	0.00	\$ -	696.79	\$ 696.79	0.00
	Reinforced Formwork	kg	\$ 1.59		\$ 1.59	617.30	\$ 1.07.90		\$ -	617.30	\$ 1.07.90	\$ 1.00	617.30	\$ 617.30	0.00	\$ -	617.30	\$ 617.30	0.00	\$ -	84.40	\$ 84.40	0.00	
10	Celing Work	m2	\$ 29.56		\$ 29.56	29.56	\$ 2.157.88		\$ -	29.56	\$ 2.157.88	\$ 36.00	29.56	\$ 2.472.00	0.00	\$ -	29.56	\$ 2.472.00	0.00	\$ -	88.57	\$ 88.57	0.00	
	PVC (Indonesian standard, best quality), frame	m	\$ 16.08		\$ 16.08	88.57	\$ 1.424.21		\$ -	88.57	\$ 1.424.21	\$ 9.61	88.57	\$ 951.16	0.00	\$ -	88.57	\$ 951.16	0.00	\$ -	88.57	\$ 951.16	0.00	
	PVC (Indonesian standard, best quality),	m2	\$ 126.8		\$ 126.8	126.8	\$ 2.231.68		\$ -	126.8	\$ 2.231.68	\$ 13.75	126.8	\$ 176.00	0.00	\$ -	126.8	\$ 176.00	0.00	\$ -	118.00	\$ 118.00	0.00	
	Lst/PVC (Indonesian standard, best quality)	m	\$ 1.63		\$ 1.63	118.00	\$ 192.34		\$ -	118.00	\$ 192.34	\$ 3.21	118.00	\$ 378.78	0.00	\$ -	118.00	\$ 378.78	0.00	\$ -	118.00	\$ 378.78	0.00	
	Total Additional																							
	GRAND TOTAL - OFFICE BUILDING																							
3	DORMITORI - OFFICE BUILDING																							
A	PREPARATION WORKS																							
1	Site clearing start and finish the work	m2	\$ 120		\$ 120	672.00	\$ 806.40		\$ -	672.00	\$ 806.40	\$ 1.20	672.00	\$ 806.40	0.00	\$ -	672.00	\$ 806.40	0.00	\$ -	600.00	\$ 600.00	0.00	
2	Bauplank	m2	\$ 600.00		\$ 600.00	600.00	\$ 0.00		\$ -	600.00	\$ 0.00	\$ 0.00	600.00	\$ 600.00	0.00	\$ -	600.00	\$ 600.00	0.00	\$ -	600.00	\$ 600.00	0.00	
3	Water for work	m2	\$ 75.00		\$ 75.00	75.00	\$ 0.00		\$ -	75.00	\$ 0.00	\$ 0.00	75.00	\$ 75.00	0.00	\$ -	75.00	\$ 75.00	0.00	\$ -	75.00	\$ 75.00	0.00	
4	Electrical for work	m2	\$ 75.00		\$ 75.00	75.00	\$ 0.00		\$ -	75.00	\$ 0.00	\$ 0.00	75.00	\$ 75.00	0.00	\$ -	75.00	\$ 75.00	0.00	\$ -	75.00	\$ 75.00	0.00	
	Total Preparation Work																							
B	EARTH, Stone and sand work	m3	\$ 4.00		\$ 4.00	59.90	\$ 4.00		\$ -	59.90	\$ 4.00	\$ 20.00	59.90	\$ 20.00	0.00	\$ -	59.90	\$ 20.00	0.00	\$ -	79.51	\$ 79.51	0.00	
1	Excavation foundation	m3	\$ 10.00		\$ 10.00	9.53	\$ 10.00		\$ -	9.53	\$ 10.00	\$ 0.74	9.53	\$ 10.00	0.00	\$ -	9.53	\$ 10.00	0.00	\$ -	79.51	\$ 79.51	0.00	
2	Sand filling under foundation	m3	\$ 124.00		\$ 124.00	9.53	\$ 124.00		\$ -	9.53	\$ 124.00	\$ 0.00	9.53	\$ 124.00	0.00	\$ -	9.53	\$ 124.00	0.00	\$ -	124.00	\$ 124.00	0.00	
3	Lean concrete for foot plate	m3	\$ 1.60		\$ 1.60	8.99	\$ 1.60		\$ -	8.99	\$ 1.60	\$ 11.30	8.99	\$ 11.30	0.00	\$ -	8.99	\$ 11.30	0.00	\$ -	10.00	\$ 10.00	0.00	
4	Sol backfill	m3	\$ 11.00		\$ 11.00	165.20	\$ 1.617.20		\$ -	165.20	\$ 1.617.20	\$ 1.406.72	165.20	\$ 1.406.72	0.00	\$ -	165.20	\$ 1.406.72	0.00	\$ -	373.22	\$ 373.22	0.00	
5	Sand filling under floor	m3	\$ 9.00		\$ 9.00	20.65	\$ 165.05		\$ -	20.65	\$ 165.05	\$ 231.03	20.65	\$ 231.03	0.00	\$ -	20.65	\$ 231.03	0.00	\$ -	277.40	\$ 277.40	0.00	
6	Selected material for leveling floor	m3	\$ 31.00		\$ 31.00	6.80	\$ 21.00		\$ -	21.00	\$ 21.00	\$ 25.50	21.00	\$ 25.50	0.00	\$ -	21.00	\$ 25.50	0.00	\$ -	322.00	\$ 322.00	0.00	
7	Rip-rap works	m3	\$ 72.00		\$ 72.00	7.65	\$ 55.00		\$ -	55.00	\$ 55.00	\$ 73.21	72.00	\$ 73.21	0.00	\$ -	55.00	\$ 73.21	0.00	\$ -	80.06	\$ 80.06	0.00	
8	Stone masonry works	m3	\$ 72.00		\$ 72.00	7.65	\$ 55.00		\$ -	55.00	\$ 55.00	\$ 52.71	55.00	\$ 52.71	0.00	\$ -	55.00	\$ 52.71	0.00	\$ -	60.06	\$ 60.06	0.00	

7	Pipe PVC dia 3" for waste water pipe installation	m1	\$ 10,50	100,00	\$ 1.050,00	\$ 10,50	\$ -	\$ -	\$ 100,00	\$ 1.050,00	\$ 10,50	0,00	\$ -	0,00	\$ -	0,00	\$ -	100,00	\$ 1.050,00
8	Pipe PVC dia 4" for classed Pipe installation	m1	\$ 14,00	50,00	\$ 700,00	\$ 14,00	\$ -	\$ -	\$ 50,00	\$ 700,00	\$ 14,00	0,00	\$ -	0,00	\$ -	0,00	\$ -	50,00	\$ 700,00
9	Sepitank	unit	\$ 650,00	2,00	\$ 1.300,00	\$ 650,00	\$ -	\$ -	\$ 2,00	\$ 1.300,00	\$ 650,00	0,00	\$ -	0,00	\$ -	0,00	\$ -	2,00	\$ 1.300,00
10	Absorption	unit	\$ 450,00	2,00	\$ 900,00	\$ 450,00	\$ -	\$ -	\$ 2,00	\$ 900,00	\$ 450,00	0,00	\$ -	0,00	\$ -	0,00	\$ -	2,00	\$ 900,00
Total Plumbing and Sanitation works					\$ 10,512,40						\$ 10,512,40								\$ 10,512,40
Part II Additional New Item																			
Protection Painting (Anti Karat)																			
1	Steel beam ring (SIS) 20x80x2 mm	m2				\$ 3,84	84,80	\$ 325,63	0,00	\$ -	84,80	\$ 325,63	\$ 3,75	84,80	\$ 318,00	0,00	\$ -	84,80	\$ 318,00
2	Steel column (SIS) 20x80x2 mm	m2				\$ 3,84	137,36	\$ 527,45	0,00	\$ -	137,36	\$ 527,45	\$ 3,75	137,36	\$ 515,09	0,00	\$ -	137,36	\$ 515,09
3	Hollow 50x50x2mm (SIS/RHS)	m2				\$ 3,84	289,33	\$ 1.111,02	0,00	\$ -	289,33	\$ 1.111,02	\$ 3,75	289,33	\$ 1.084,98	0,00	\$ -	289,33	\$ 1.084,98
4	Hollow 40x40x2.8mm	m2				\$ 3,84	26,40	\$ 147,46	0,00	\$ -	38,40	\$ 147,46	\$ 3,75	38,40	\$ 144,00	0,00	\$ -	38,40	\$ 144,00
5	Hollow 20x20x1.8mm	m2				\$ 3,84	23,52	\$ 90,32	0,00	\$ -	23,52	\$ 90,32	\$ 3,75	23,52	\$ 88,20	0,00	\$ -	23,52	\$ 88,20
6	Hollow 20x20x1.8mm	m2				\$ 3,84	6,40	\$ 24,58	0,00	\$ -	6,40	\$ 24,58	\$ 3,75	6,40	\$ 24,00	0,00	\$ -	6,40	\$ 24,00
7	Gelantik 2"	m2				\$ 3,84	38,64	\$ 378,76	0,00	\$ -	98,64	\$ 378,76	\$ 3,75	98,64	\$ 369,89	0,00	\$ -	98,64	\$ 369,89
8	Galvants 3"	m2				\$ 3,84	50,73	\$ 194,82	0,00	\$ -	50,73	\$ 194,82	\$ 3,75	50,73	\$ 190,26	0,00	\$ -	50,73	\$ 190,26
9	Plastic for column protection	roll				\$ 5,20	8,00	\$ 41,60	0,00	\$ -	8,00	\$ 41,60	\$ 5,20	8,00	\$ 41,60	0,00	\$ -	8,00	\$ 41,60
10	Anchor bolt 6mm-60cm	unit				\$ 7,50													
11	Anchor bolt 1.9mm-60cm	unit				\$ 9,50													
12	Plate 6mm (truss support)	kg				\$ 1,95	13,75	\$ 85,31	0,00	\$ -	43,75	\$ 85,31	\$ 2,36	43,75	\$ 103,24	0,00	\$ -	43,75	\$ 103,24
13	Plate 6mm (column support)	kg				\$ 1,95	6,71	\$ 130,93	0,00	\$ -	67,15	\$ 130,93	\$ 2,36	67,15	\$ 158,46	0,00	\$ -	67,15	\$ 158,46
14	Plate 9mm (joint column to truss, double, 20x20 cm)	kg				\$ 1,95	271,30	\$ 529,03	0,00	\$ -	271,30	\$ 529,03	\$ 2,36	271,30	\$ 640,26	0,00	\$ -	271,30	\$ 640,26
15	Base plate 12mmx2.5x25 cm	kg				\$ 2,05													
16	Base plate 14mmx3.0x30 cm	kg				\$ 2,05													
17	Checkered plate floor (tower)	kg				\$ 1,95													
25	AC 2 PK + all accessories	unit				\$ 650,00	3,00	\$ 1.950,00	0,00	\$ -	3,00	\$ 1.950,00	\$ 567,28	3,00	\$ 1.701,84	0,00	\$ -	3,00	\$ 1.701,84
26	AC 1 PK + all accessories	unit				\$ 450,00	3,00	\$ 1.350,00	0,00	\$ -	3,00	\$ 1.350,00	\$ 450,00	3,00	\$ 1.350,00	0,00	\$ -	3,00	\$ 1.350,00
27	AC 0,5 PK + all accessories	unit				\$ 300,00	3,00	\$ 900,00	0,00	\$ -	3,00	\$ 900,00	\$ 326,00	3,00	\$ 970,00	0,00	\$ -	3,00	\$ 970,00
Part II Additional New Item																			
1	Preparation & Demolish (Pembongkaran, persian,																		
	beton pembatasan realipas)																		
	Concrete +reinforcement	m3				\$ 61,60	1,83	\$ 112,91	0,00	\$ -	1,83	\$ 112,91	\$ 51,33	1,83	\$ 94,09	0,00	\$ -	1,83	\$ 94,09
	Frame (SHS 4x2x3) zinc/seng	m2				\$ 1,04	67,49,95	\$ 909,95	0,00	\$ -	67,49,95	\$ 909,95	\$ 0,44	67,49,95	\$ 364,44	0,00	\$ -	67,49,95	\$ 364,44
	Cutte/modification SIS as it's necessary for																		
	strengthening the column and beam to combine																		
	SIS and Concrete). Find methods of																		
	implementation attach and communication with																		
	relevant The Engineer																		
2	Ordinary brick wall masonry (1 cement, 4 sand)	m2				\$ 1,95	877,93	\$ 12,157,98	0,00	\$ -	877,93	\$ 12,157,98	\$ 1,457	877,93	\$ 12,789,91	0,00	\$ -	877,93	\$ 12,789,91
3	Ordinary wall plaster - interior (1 cement: 5 sand)	m2				\$ 5,14	139,52	\$ 717,174	0,00	\$ -	139,52	\$ 717,174	\$ 5,24	139,52	\$ 731,27	0,00	\$ -	139,52	\$ 731,27
4	Ordinary wall plaster - exterior (1 cement: 5 sand)	m2				\$ 5,14	390,55	\$ 2,007,43	0,00	\$ -	390,55	\$ 2,007,43	\$ 5,24	390,55	\$ 2,046,48	0,00	\$ -	390,55	\$ 2,046,48
5	Cement tender -interior only	m2				\$ 3,19	139,52	\$ 4,450,94	0,00	\$ -	139,52	\$ 4,450,94	\$ 3,30	139,52	\$ 4,604,42	0,00	\$ -	139,52	\$ 4,604,42
6	Wall painting - interior (plaster, prime + final 2x)	m2				\$ 4,07	139,52	\$ 5,678,79	0,00	\$ -	139,52	\$ 5,678,79	\$ 3,56	139,52	\$ 4,967,20	0,00	\$ -	139,52	\$ 4,967,20
7	Wall painting - exterior (prime + final 2x)	m2				\$ 3,90	390,55	\$ 1,523,15	0,00	\$ -	390,55	\$ 1,523,15	\$ 3,56	390,55	\$ 1,390,55	0,00	\$ -	390,55	\$ 1,390,55
8	Concrete Column 200x200 mm - combine SIS with																		
	concrete (using concrete vibrator)																		
	Concrete	m3				\$ 12,46	7,59	\$ 92,12	0,00	\$ -	7,59	\$ 92,12	\$ 14,57	7,59	\$ 106,288	0,00	\$ -	7,59	\$ 106,288
	Reinforced	kg				\$ 1,59	123,59	\$ 2,041,54	0,00	\$ -	123,59	\$ 2,041,54	\$ 1,00	123,59	\$ 1,00	0,00	\$ -	123,59	\$ 1,00
	Formwork	m2				\$ 29,56	151,94	\$ 4,489,39	0,00	\$ -	151,94	\$ 4,489,39	\$ 30,00	151,94	\$ 4,555,20	0,00	\$ -	151,94	\$ 4,555,20
9	Concrete Beam (balok late) 150x200 mm -																		
	combine SIS with concrete (using concrete																		
	vibrator)																		
10	Celing Work																		
	PVC (Indonesian standard, best quality), frame	m'				\$ 12,46	60,60	\$ 964,90	0,00	\$ -	60,60	\$ 964,90	\$ 961	60,60	\$ 576,00	0,00	\$ -	60,60	\$ 576,00
	Last PVC (Indonesian standard, best quality)	m'				\$ 12,68	365,00	\$ 4,894,48	0,00	\$ -	365,00	\$ 4,894,48	\$ 13,75	365,00	\$ 5,307,50	0,00	\$ -	365,00	\$ 5,307,50
	Total Additional					\$ 1,63	494,00	\$ 80,22	0,00	\$ -	494,00	\$ 80,22	\$ 3,21	494,00	\$ 155,74	0,00	\$ -	494,00	\$ 155,74
	GRAND TOTAL - DORMITORY BUILDING					\$ 140,565,05		\$ 75,993,94			\$ 75,993,94			\$ 70,239,94					
4	MEETING ROOM BUILDING					\$ 96,754,92		\$ 41,424,24			\$ 19,591,02			\$ 41,424,24					

A PREPARATION WORKS										
1 Site clearing start and finish the work	m2	\$ 100	2025.0	\$ 100.00	0.00	\$ -	0.00	\$ -	2025.00	
2 Blowphank	Ls	\$ 200.00	100	\$ 200.00	0.00	\$ -	0.00	\$ -	202.50	
3 Water for work	Ls	\$ 75.00	100	\$ 75.00	0.00	\$ -	0.00	\$ -	75.00	
4 Electrical for work	Ls	\$ 75.00	100	\$ 75.00	0.00	\$ -	0.00	\$ -	75.00	
Total Preparation Work		\$ 552.50		\$ -	0.00	\$ -	0.00	\$ -	552.50	
B EARTH, Stone and Sand work										
1 Excavation foundation	m3	\$ 400	7.52	\$ 3,098	4.00	\$ 67.90	\$ 251.60	0.00	\$ 202.50	
2 Sand filling under foundation	m3	\$ 10,00	0.47	\$ 470	10,000	2.62	\$ 26.18	0.00	\$ 202.50	
3 Lean concrete for foot plate	m3	\$ 124.00	0.47	\$ 50.20	124.00	0.07	\$ 84.3	0.00	\$ 202.50	
4 Soil backfill	m3	\$ 1.50	4.51	\$ 6.77	1.50	0.96	\$ 14.04	0.00	\$ 202.50	
5 Sand filling under floor	m3	\$ 12.00	6.73	\$ 80.76	12.00	5.05	\$ 70.22	0.00	\$ 202.50	
6 Selected material for leveling floor	m3	\$ 9.00	59.26	\$ 53.34	9.00	2.27	\$ 20.46	0.00	\$ 202.50	
7 Rip-up works	m3	\$ 35.00	1.40	\$ 43.00	35.00	2.70	\$ 82.95	0.00	\$ 202.50	
8 Soniemasonry works	m3	\$ 60.00	0.76	\$ 60.00	80.00	5.00	\$ 4,264.34	0.00	\$ 202.50	
Total Earth, Stone and Sand work		\$ 823.73		\$ 5,446.78		\$ -	\$ 62,905.50	0.00	\$ 202.50	
C MASONRY WORK and RENDER										
1 Wall Zinc	m2	\$ 19.00	714.00	\$ 12,852.00	18.00	0.00	\$ -	319.68	\$ 202.50	
2 Profile L 50x100x5mm	kg	\$ 2.00	119.50	\$ 2,639.00	2.00	0.00	\$ -	131.50	\$ 202.50	
2a Frame for wall insulation, SIS 50x50x22mm (External & Internal)	kg	\$ 1.85	185	\$ 204.74	2.00	0.00	\$ -	204.74	\$ 202.50	
Total Masonry work and Render		\$ 15,991.00		\$ 3,787.73		\$ -	\$ 10,885.58	0.00	\$ 202.50	
D FLOOR WORK										
1 Ceramist floor 600x600mm for main building type as drawing	m2	\$ 30.00	142.00	\$ 4,260.00	30.00	\$ -	345.00	131.50	\$ 202.50	
2 Concrete toppling for floor work	m3	\$ 140.00	6.73	\$ 94.20	140.00	6.32	\$ 864.80	5	\$ 202.50	
Total Floor work:		\$ 5,202.20		\$ 884.80		\$ -	\$ 5,742.00	5	\$ 202.50	
E CONCRETE WORKS										
1 Concrete foot plate 600x600 mm	Concrete 25 Mpa	m3	\$ 140.00	1.37	\$ 191.52	\$ 140.00	1.13	\$ 150.49	0.00	
2 Reinforced	kg	\$ 1.00	599.69	\$ 599.69	1.00	0.00	\$ -	367.6	\$ 202.50	
2a Concrete foot plate 800x600 mm	Concrete 25 Mpa	m3	\$ 145.00	0.64	\$ 92.80	\$ 145.00	1.52	\$ 220.07	0.00	
Reinforced	kg	\$ 1.00	281.07	\$ 281.07	1.00	0.00	\$ -	216.9	\$ 202.50	
2b Formwork	m2	\$ 21.00	2.29	\$ 481.2	21.00	19.30	\$ 405.33	0.00	\$ 202.50	
3 Concrete Shot 130x250 (5x2) mm										
1 Reinforced	kg	\$ 1.00	140.00	\$ 3.26	\$ 456.40	\$ 140.00	0.67	\$ 93.16	0.00	
2 Formwork	m2	\$ 30.00	21.73	\$ 469.24	\$ 469.24	1.00	16.16	\$ 465.44	0.00	
4 Concrete Shot 200x300 (5x1) mm										
1 Reinforced	kg	\$ 1.00	140.00	0.90	\$ 126.00	\$ 140.00	0.35	\$ 48.72	0.00	
2 Formwork	m2	\$ 30.00	21.73	\$ 651.84	\$ 651.84	30.00	5.66	\$ 392.6	0.00	
5 Concrete 25 Mpa										
1 Reinforced	kg	\$ 1.00	200.57	\$ 1.00	0.00	\$ -	41.99	\$ 151.58	0.00	
2 Formwork	m2	\$ 30.00	4.50	\$ 135.00	3.00	0.00	\$ -	239.40	\$ 202.50	
6 Steel beam ring (S3) 80x80x60x2.8 mm										
1 Reinforced	kg	\$ 1.85	813.89	\$ 1.85	0.00	\$ -	569.72	\$ 1,033.98	0.00	
2 Formwork	m2	\$ 1.85	185	\$ 792.68	\$ 1.85	0.00	\$ -	2,866.82	\$ 202.50	
7 Steel column (S3) 100x100x60x2 mm										
1 Reinforced	kg	\$ 1.85	334.10	\$ 1.85	0.00	\$ -	234.45	\$ 451.21	0.00	
2 Formwork	m2	\$ 1.85	566.20	\$ 1.85	0.00	\$ -	334.10	\$ 434.97	0.00	
8 Steel column (S3) 100x100x60x2 mm										
1 Reinforced	kg	\$ 1.85	16,593.06	\$ 1.85	0.00	\$ -	566.20	\$ 618.08	0.00	
2 Formwork	m2	\$ 3.75	342.0	\$ 1.28.25	\$ 3.75	0.00	\$ -	1,017.46	\$ 202.50	
9 Steel Stair										
1 Hollow 50x10x2.8 mm	Hollow 50x10x2.8 mm	kg	\$ 1.85	154.87	\$ 286.51	\$ 1.05	0.00	\$ 154.87	0.00	
2 (a) Hollow 50x10x2.8 mm	Hollow 50x10x2.8 mm	kg	\$ 1.85	225.06	\$ 4,163.7	\$ 1.05	0.00	\$ 361.09	\$ 202.50	
3 Hollow 40x80x2.8 mm	Hollow 40x80x2.8 mm	kg	\$ 1.85	110.38	\$ 1.85	0.00	\$ -	515.56	\$ 151.56	
4 Hollow 20x80x2.8 mm	Hollow 20x80x2.8 mm	kg	\$ 40.50	12.60	\$ 51.10	\$ 40.50	0.00	\$ 1.05	\$ 202.50	
5 Plate steel 15x15 mm	Plate steel 15x15 mm	m1	\$ 64.41	61.69.08	\$ 1.85	0.00	\$ -	21.41	\$ 66.81	
6 Paint	Paint	m2	\$ 60.00	3.75	\$ 1.28.25	\$ 3.75	0.00	\$ -	34.20	\$ 156.95
Total Concrete works										
F DOORS, WINDOWS And VENTILATION WORKS										
1 Supply and Install Aluminium frame door type DW-1 + accessories	unit	\$ 1,175.30	2.00	\$ 2,350.60	\$ 1,175.30	\$ -	\$ -	\$ 2,350.60	\$ 202.50	
2 Supply and Install Aluminium frame door type D-3 + accessories	unit	\$ 340.00	1.00	\$ 340.00	\$ 340.00	\$ -	\$ 1.00	\$ 340.00	\$ 202.50	
3 Supply and Install Aluminium frame window type W-1 + accessories	unit	\$ 340.00	8.00	\$ 2,720.00	\$ 340.00	\$ -	\$ 600	\$ 340.00	\$ 202.50	
Total doors, windows and ventilation works		\$ 5,410.60		\$ 9,319.15		\$ -	\$ 16,442.57	\$ 5,410.60	\$ 202.50	
G ROOFING WORKS										
1 External cladding Roofing	m2	\$ 18.00	162.00	\$ 2,916.00	18.00	\$ 60.54	\$ 1,089.63	0.00	\$ 222.54	
2 Galv. Berlin Ø 2"	m1	\$ 15.00	195.26	\$ 2,933.90	15.00	\$ 0.00	\$ 11.16	\$ 2,755.0	\$ 4,026.63	
3 Galv. Berlin Ø 3"	m1	\$ 23.00	64.41	\$ 2,441.34	23.00	\$ 0.00	\$ 63.44	\$ 1,459.01	\$ 2,775.50	
Total Roofing works		\$ 7,341.24		\$ 1,089.63		\$ -	\$ 8,244.14	\$ 1,459.01	\$ 2,775.50	
H CEILING WORKS										
1 Canopy (AC) frame and accessories	m2	\$ 45.75	13.20	\$ 603.50	\$ 45.75	\$ -	\$ 13.20	\$ 603.90	\$ 202.50	
Total Ceiling works		\$ 603.90		\$ 5,410.60		\$ -	\$ 6,039.50	\$ 5,410.60	\$ 202.50	
I ELECTRICAL WORKS										

	\$ As build drawing													
6	Project security (for 2 person)	\$ 150.00	1.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00	\$ 150.00
	Total Overhead	\$ 1500.00	1.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00
A	TOTAL(1+2 + 3+4+5)	\$ 3,900.00		\$ 2,448,725.67	\$ 222,682.66	\$ 67,938.84	\$ 43,034.49	\$ 39,000.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00	\$ 1500.00
B	CONTRACTOR FEE (10% x A)			\$ 27,487.27	\$ 22,286.27	\$ 6,739.39	\$ 4,303.15	\$ 214,058.92	\$ 214,058.92	\$ 67,395.84	\$ 67,395.84	\$ 42,078.76	\$ 42,078.76	\$ 3,900.00
C	OVERHEAD (6)			\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00	\$ 3,900.00
D	TAX (2% X (A+B+C))	\$ 612.52		\$ 1,081.66	\$ 932.98	\$ 934.51	\$ 612.52	\$ 1,081.66	\$ 932.98	\$ 934.51	\$ 612.52	\$ 612.52	\$ 612.52	\$ 612.52
E	GRAND TOTAL (A+B+C+D)	\$ 312,385.14		\$ 250,051.91	\$ 75,415.89	\$ 48,682.16	\$ 250,051.91	\$ 250,051.91	\$ 246,174.00	\$ 246,174.00	\$ 75,415.89	\$ 75,415.89	\$ 9,335.33	\$ 9,335.33
														\$ 476,101.74



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

ITEM NO.	DESCRIPTION	ORIGINAL CONTRACT				VARIATION ORDER BY CONTRACTOR				REVISED CONTRACT			
		UNIT	UNIT PRICE	QUANTITY	AMOUNT	INCREASE (+)	DECREASE (-)	QUANTITY	AMOUNT	UNIT PRICE	QUANTITY	AMOUNT	REVISED CONTRACT
6	OVERHEAD	LS	\$ 1.500,00	1,00	\$ 1.500,00	0,00	\$	-	1,00	\$ 1.500,00	0,00	\$	-
1	Contractor's site engineering	LS	\$ 300,00	1,00	\$ 300,00	0,00	\$	-	0,00	\$ 300,00	0,00	\$	-
2	Safety equipment and first AID equipment	LS	\$ 300,00	1,00	\$ 300,00	0,00	\$	-	1,00	\$ 300,00	0,00	\$	-
3	Material sampling and testing	LS	\$ 150,00	1,00	\$ 150,00	0,00	\$	-	0,00	\$ 150,00	0,00	\$	-
4	Project report and documentation	LS	\$ 150,00	1,00	\$ 150,00	0,00	\$	-	1,00	\$ 150,00	0,00	\$	-
5	As-build drawing	LS	\$ 150,00	1,00	\$ 150,00	0,00	\$	-	0,00	\$ 150,00	0,00	\$	-
6	Project security (for 2 person)	LS	\$ 1.500,00	1,00	\$ 1.500,00	0,00	\$	-	1,00	\$ 1.500,00	0,00	\$	-
Total Overhead					\$ 3.900,00		\$	-		\$ 3.900,00		\$	-



AGENCIA DE DESENVOLVIMENTO NACIONAL, I.P.

Project Owner : Ministerio do Interior
 Project Title : New Construction of U.P.F Building
 Project Location : Oequesse, Sakato - Timor Leste
 Total Floor Area : 884 m²
 Contractor : Matlalan Unipessoal Lda
 Contract No. : NCB/096/MI-2021
 Contract Value : \$ 320,046.42

SUMMARY OF VARIATION ORDER

No	DESCRIPTION OF WORKS	PROPOSED BY OWNER			VERIFIED BY ADN, I.P		
		REVISED			REVISED AMOUNT COST	ADDITIONAL AMOUNT (US\$)	DEDUCTION AMOUNT (US\$)
		ORIGINAL	ADDITIONAL	DEDUCTION			
1	EXTERNAL WORKS	\$ 5,156.08			\$ 5,156.08		
2	OFFICE WORKS	\$ 59,066.10	\$ 43,638.45	\$ 10,459.13	\$ 92,045.42	\$ 44,601.48	\$ 10,459.13
3	DORMITORY WORKS	\$ 146,112.24	\$ 88,144.68	\$ 44,449.98	\$ 189,906.94	\$ 95,754.98	\$ 44,449.98
4	MEETING ROOM	\$ 46,156.87	\$ 40,368.83	\$ 13,512.00	\$ 73,013.63	\$ 39,616.14	\$ 13,512.08
5	POST AND SERVICE ROOM	\$ 34,227.81	\$ 26,600.48	\$ 3,286.66	\$ 47,541.63	\$ 25,479.13	\$ 3,286.66
6	OVERHEAD	\$ 5,200.00			\$ 5,200.00		
A	TOTAL (1 + 2 + 3 + 4 + 5)	\$ 280,519.09	\$ 198,752.43	\$ 71,707.84	\$ 407,543.68	\$ 195,451.73	\$ 71,707.83
B	CONTRACTOR FEE (10% x A)	\$ 28,051.91	\$ 19,875.24	\$ 7,170.78	\$ 40,756.37	\$ 19,545.17	\$ 7,170.78
C	OVERHEAD (6)	\$ 5,200.00			\$ 5,200.00		
D	TAX (2% x (A+B+C))	\$ 5,275.42	\$ 4,372.55	\$ 1,577.57	\$ 9,070.40	\$ 4,299.94	\$ 1,577.57
E	TOTAL (A + B + C + D)	\$ 320,046.42	\$ 223,000.23	\$ 80,456.20	\$ 462,590.45	\$ 219,296.84	\$ 80,456.19
							\$ 458,887.07

Verified By :

Augusta da Costa Ferreira
 ADN, IP Engineer

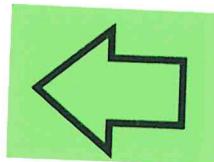
Checked By:

Jóhannes Horntay
 Senior Engineer, EPMEITCM - ADN, IP

Certified By :

Melenia da Costa Barros
 Coordenadora, UAP - ADN, IP
 10/5/2024

Angelica da Costa
 ADN, IP Engineer





AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Project Owner	:	Ministério do Interior
Project Title	:	New Construction of U.P.F Building
Project Location	:	Oequesse, Datoato -Timor Leste
Total Floor Area	:	884 m ²
Contractor	:	Matahan Unipessoal Lda
Contract No.	:	NCB/086/MI-2021
Contract Value	:	\$ 320,046.42

PROPOSED BY OWNER

NO.	DESCRIPTION	ORIGINAL CONTRACT						REVISED						ADDITIONAL				DEDUCTION				REVISED			
		Unit	Up	Qty.	Cost			ADDITIONAL			DEDUCTIVE			UNIT PRICE (US\$)	UNIT	REVISED AMOUNT COST	10= [(5+7)+9)]	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)
								Qty.	Cost	7=(6)x(3)	Qty.	Cost	8= (8)x(3)												
1	EXTERNAL WORKS	2	3	4	5=(3)x(4)																				
A	PREPARATION WORKS																								
1	Site clearing start and finish the work	Ls	\$	\$	\$			-	\$	-															
2	Storage for material	Ls	\$	300.00	1.00	\$	300.00	1.00	-	\$	-														
3	Direlise keet	Ls	\$	900.00	1.00	\$	900.00	1.00	-	\$	-														
4	Mesh for labour	Ls	\$	1,000.00	1.00	\$	1,000.00	1.00	-	\$	-														
5	Temporary fence	m1	\$	4.16	338.00	\$	1,406.08	338.00	-	\$	-														
6	Water for works	Ls	\$	450.00	1.00	\$	450.00	1.00	-	\$	-														
7	Information Board project	unit	\$	100.00	1.00	\$	100.00	1.00	-	\$	-														
8	Mobilization and demobilization	Ls	\$	1,000.00	1.00	\$	1,000.00	1.00	-	\$	-														
	Grand Total Preparation work					\$	5,156.08			\$	-														
2	OFFICE WORKS																								
A	PREPARATION WORKS																								
1	Site clearing start and finish the work	m2	\$	2.75	320.00	\$	880.00	320.00	-	\$	-														
2	Bouwplank	Ls	\$	243.00	1.00	\$	243.00	1.00	-	\$	-														
3	Water for works	Ls	\$	257.00	1.00	\$	257.00	1.00	-	\$	-														
4	Electrical for works	Ls	\$	265.00	1.00	\$	285.00	1.00	-	\$	-														
	Total Preparation work					\$	1,665.00			\$	-														
B	EARTH, Stone and Sand work	m3	\$	9.39	16.48	\$	154.75	26.40	9.92	\$	93.15														
1	Excavation foundation	m3	\$	13.66	1.36	\$	105.68	8.05	6.69	\$	91.39														
2	Sand filling under foundation	m3	\$	13.66	0.45	\$	6.15	0.45	-	\$	109.96	m3	\$	13.66											
3	Lean concrete for foot plate	m3	\$	13.66	0.45	\$	6.15	0.45	-	\$	115.16	m3	\$	13.66											
4	Soil Backfill	m3	\$	1.24	9.88	\$	12.25	0.34	0.42	-															
5	Sand filling under floor	m3	\$	13.66	13.60	\$	181.68	16.92	3.62	\$	49.40														
6	Selected material for levelling floor	m3	\$	20.98	106.40	\$	2,327.27	143.50	371.10	\$	778.37														
7	Rip-rap works	m3	\$	23.00	3.64	\$	83.72	11.44	7.80	\$	119.40														
8	Stone masonry works	m3	\$	98.89	10.92	\$	1,079.77	49.58	38.66	\$	3,822.58														
	Total Earth, stone and sand work					\$	3,769.16			\$	5,014.71														
C	MASONRY WORK and RENDER					\$	8,783.88			\$	-														
1	Wall Zinc	m2	\$	4.14	616.00	\$	2,550.24	301.33	-	\$	-														
2	Profile 1.50x50x5mm	kg	\$	5.00	1319.50	\$	6,597.50	0.00	-	\$	1,319.50														
2a	Frame for wall installation, SHS 50x50x2mm (external & internal)	kg	\$	1.35		\$	-	1564.57	2,112.17	-	\$	2,112.17													
	Total Masonry work and render					\$	9,147.74			\$	2,112.17														
D	FLOOR WORK																								
1	Ceramics floor 600x600 for main building	m2	\$	38.95	162.00	\$	6,309.90	168.00	6.00	\$	233.70														
2	Ceramics floor tiles 200x200 for toilets	m2	\$	19.50	8.00	\$	156.00	8.00	-	\$	-														
3	Concrete topping for floor work	m3	\$	144.90	13.30	\$	1,927.17	17.60	4.30	\$	623.07														
	Total Floor work					\$	8,393.07			\$	856.77														
						\$	9,249.94			\$	-														

VARIATION ORDER

VERIFIED BY ADN, I.P.

No.	DESCRIPTION	ORIGINAL CONTRACT				REVISED				DEDUCTION				REVISED	
		Unit	Qty.	Cost	Qty.	ADDITIONAL		DEDUCTONAL		REVISED AMOUNT COST	UNIT PRICE (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)
						5= (3)x(4)	6	7= (6)x(3)	8	9= (8)x(3)	10= ((5+7+9))				
E	CONCRETE WORKS														
1	Concrete formplate 600x600 mm	2	3	4	5= (3)x(4)	6	7= (6)x(3)	8	9= (8)x(3)	10= ((5+7+9))					
	Concrete 25 MPa	m3	\$ 244.50	2.08	\$ 508.56	3.39	1.31	\$ 319.94							
	Reinforced	kg	\$ 1.45	911.81	\$ 1,322.13	202.64	-	\$ 709.17	\$ 1,028.30	\$ 293.83	\$ 244.50	1.31	\$ 319.94		
	Formwork	m2	\$ 17.57	9.87	\$ 173.41	30.17	20.30	\$ 356.62			kg	\$ 1.45			
2	Concrete slab 150x250 mm	m3	\$ 244.50	4.39	\$ 1,070.91	5.13	0.75	\$ 182.92			m2	\$ 17.57	20.30	\$ 356.62	
	Concrete 25 MPa	m3	\$ 244.50	1.45	\$ 914.23	864.38	1.25	\$ 1,253.83			kg	\$ 1.45	244.50	0.75	
	Reinforced	m2	\$ 24.95	630.50	\$ 15,291.56	68.39	39.18	\$ 977.60			kg	\$ 1.45	233.88	\$ 339.12	
3	Steel beam ring (SB) 80x80x2.5 mm	kg	\$ 1.35	1582.56	\$ 2,136.16	492.85	-	\$ 1,009.71	\$ 1,471.10	\$ 1,705.96	m2	\$ 24.95	39.18	\$ 977.60	
4	Steel column (SC) 80x80x2.5 mm	kg	\$ 1.35	633.02	\$ 854.58	726.53	-	\$ 854.58			kg	\$ 1.35			
	Total Concrete work														
F	DOORS, WINDOWS And VENTILATIONS WORKS														
1	Supply and install Aluminium frame door	Unit	\$ 135.00	1.00	\$ 135.00	1.00	-	\$ -			Unit	\$ 135.00		\$ 135.00	
	Type DW-1 + accessories														
2	Supply and install Aluminium frame door	Unit	\$ 115.00	1.00	\$ 115.00	1.00	-	\$ -			Unit	\$ 115.00		\$ 115.00	
	Type DW-2 + accessories														
3	Supply and install Steel frame door Type DW-3 + accessories	Unit	\$ 100.00	1.00	\$ 100.00	1.00	-	\$ -			Unit	\$ 100.00		\$ 100.00	
4	Supply and install Steel frame door Type DW-4 + accessories	Unit	\$ 92.00	1.00	\$ 92.00	1.00	-	\$ -			Unit	\$ 92.00		\$ 92.00	
5	Supply and install Aluminium frame door	Unit	\$ 800.00	1.00	\$ 800.00	1.00	-	\$ -			Unit	\$ 800.00		\$ 800.00	
	Type D-1 + accessories														
6	Supply and install Aluminium frame door	Unit	\$ 450.00	2.00	\$ 900.00	2.00	-	\$ -			Unit	\$ 900.00		\$ 450.00	
	Type D-2 + accessories														
7	Supply and install Aluminium frame door	Unit	\$ 400.00	1.00	\$ 400.00	1.00	-	\$ -			Unit	\$ 400.00		\$ 400.00	
	Type D-3 + accessories														
8	Supply and install PVC frame door Type D-4 + accessories	Unit	\$ 250.00	1.00	\$ 250.00	1.00	-	\$ -			Unit	\$ 250.00		\$ 250.00	
	Supply and install PVC frame door Type D-5 + accessories	Unit	\$ 250.00	1.00	\$ 250.00	1.00	-	\$ -			Unit	\$ 250.00		\$ 250.00	
9	Supply and install Aluminium frame	Unit	\$ 500.00	8.00	\$ 4,000.00	8.00	-	\$ -			Unit	\$ 4,000.00		\$ 500.00	
10	Window Type W-1 + accessories	Unit	\$ 200.00	1.00	\$ 200.00	1.00	-	\$ -			Unit	\$ 200.00		\$ 200.00	
11	Supply and install Wooden frame ventilation Type BV-1 + accessories	Unit	\$ 57.00	12.48	\$ 714.36	12.48	-	\$ -			Unit	\$ 714.36		\$ 714.36	
	Total Doors, windows and ventilation work														
G	ROOFING WORKS														
1	ETR Zincalume Roofing	m2	\$ 24.50	223.00	\$ 5,463.50	257.41	34.41	\$ 843.06			m2	\$ 24.50	34.41	\$ 843.06	
	Galv. Parlin Ø 3"	m	\$ 8.95	277.26	\$ 2,481.48	262.61	-	\$ -			m	\$ 8.95			
2	Galv. Rafter Ø 3"	m	\$ 9.75	89.84	\$ 875.90	83.73	-	\$ 61.10	\$ 59.49	\$ 816.41	m	\$ 9.75			
	Total Roofing work														
H	CEILING WORK														
1	Steel Ceiling	m2	\$ 45.81	18.00	\$ 824.58	18.00	-	\$ -			Unit	\$ 59.49	\$ 9,604.44	\$ 843.06	
2	Canopy (ACP, frame and accessories)	m2	\$ 57.00	12.48	\$ 714.36	12.48	-	\$ -			Unit	\$ 824.58	m2	\$ 45.81	
	Total Ceiling work														
I	ELECTRICAL WORKS														
1	Supply and install panel board weather connected EDTL to internal building	Unit	\$ 250.00	1.00	\$ 250.00	1.00	-	\$ -			Unit	\$ 250.00		\$ 250.00	
2	Supply and install fan	Unit	\$ 200.00	3.00	\$ 600.00	3.00	-	\$ -			Unit	\$ 200.00		\$ 200.00	
3	Supply and install philips lamp 20 watt	Unit	\$ 8.50	8.00	\$ 68.00	8.00	-	\$ -			Unit	\$ 68.00		\$ 68.00	
4	Supply and install philips lamp 10 watt	Unit	\$ 6.50	5.00	\$ 32.50	5.00	-	\$ -			Unit	\$ 32.50		\$ 32.50	
5	Supply and install power outlet	Unit	\$ 12.00	6.00	\$ 72.00	6.00	-	\$ -			Unit	\$ 72.00		\$ 72.00	
6	Supply and install single switch lamp good quality	Unit	\$ 9.50	6.00	\$ 57.00	6.00	-	\$ -			Unit	\$ 57.00		\$ 57.00	
7	Supply and install double switch lamp good quality	Unit	\$ 10.50	2.00	\$ 21.00	2.00	-	\$ -			Unit	\$ 21.00		\$ 21.00	
8	Cable NM 3x2.5 mm good quality for installation electrical per room	m	\$ 4.45	200.00	\$ 890.00	200.00	-	\$ -			m	\$ 890.00		\$ 4.45	
9	Pipe AV for installation electric	Unit	\$ 12.00	50.00	\$ 600.00	50.00	-	\$ -			Unit	\$ 600.00		\$ 12.00	

No.	DESCRIPTION	ORIGINAL CONTRACT						REVISED						REVISED			
		Unit	Up	Qty.	Cost	ADDITIONAL			DEDUCTONAL			REVISED AMOUNT COST	UNIT PRICE (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)
						Qty	QTY.	Cost	Qty.	QTY.	Cost						
1	Total Electrical work	2	3	4	\$ 5=(3)x(4)	\$ 2,550.50	\$ 6	\$ 7=(6)x(3)	\$ 8	\$ 9=(8)x(3)	\$ 10=(15x(7-9))	\$ 2,590.50		\$ -	\$ -	\$ -	\$ 2,590.50
1	SANITATION WORK																
1	Seat closet colour white + accessories	Unit	\$ 268.09	1.00	\$ 268.09	1.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Cring Closet colour white + accessories	Unit	\$ 268.09	1.00	\$ 268.09	1.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Water tank + accessories	Unit	\$ 770.00	1.00	\$ 770.00	1.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 268.09
4	Wastafel + accessories include mirror to internal toilet	Unit	\$ 175.00	1.00	\$ 175.00	1.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 268.09
5	Hand Shower with valve	Unit	\$ 145.00	1.00	\$ 145.00	1.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 268.09
6	Supply and install floor drainage	Unit	\$ 375.00	2.00	\$ 750.00	2.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 268.09
7	Pipe PVC AW dia 0.5" for cold water pipe installation	m'	\$ 7.89	100.00	\$ 789.00	100.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8	Pipe PVC dia. 3" for waste water pipe installation	m'	\$ 10.78	100.00	\$ 1,078.00	100.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
9	Pipe PVC dia. 4" for water closed pipe installation	m'	\$ 12.00	50.00	\$ 600.00	50.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Septic tank	Unit	\$ 2,200.00	1.00	\$ 2,200.00	1.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Absorption	Unit	\$ 950.00	1.00	\$ 950.00	1.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total Sanitation work				\$ 7,993.18												
	PART - I																
I	Additional (NEW ITEM)																
	Protection Painting (Anti Karat)																
	Protection Painting (Anti Karat)																
1	Steel beam ting (SB) 80x80x2 mm	m2	\$ 3.84	\$ 3.84	\$ 34.88	34.88	\$ 133.94	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2	Steel column (SC) 80x80x2 mm	m2	\$ 3.84	\$ 3.84	\$ 51.42	51.42	\$ 191.44	m2	\$ 4.25	\$ 34.88	\$ 148.24	-	\$ -	\$ -	\$ -	\$ -	\$ -
3	Hollow 50x50x2mm (SHS/RHS)	m2	\$ 3.84	\$ 3.84	\$ 99.65	99.65	\$ 381.67	m2	\$ 4.25	\$ 51.42	\$ 218.52	-	\$ -	\$ -	\$ -	\$ -	\$ 218.52
4	Hollow 50x50x4mm	m2	\$ 3.84	\$ 3.84	\$ 11.48	11.48	\$ 44.08	m2	\$ 4.25	\$ 99.65	\$ 423.53	-	\$ -	\$ -	\$ -	\$ -	\$ 423.53
5	Hollow 50x50x1.8mm	m2	\$ 3.84	\$ 3.84	\$ 12.23	12.23	\$ 46.95	m2	\$ 4.25	\$ 11.48	\$ 48.79	-	\$ -	\$ -	\$ -	\$ -	\$ 48.79
6	Galvanis 2"	m2	\$ 3.84	\$ 3.84	\$ 45.12	45.12	\$ 173.27	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 12.23
7	Galvanis 3"	m2	\$ 3.84	\$ 3.84	\$ 20.05	20.05	\$ 77.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 51.96
8	Plastic for column protection	roll	\$ 3.84	\$ 3.84	\$ 5.00	5.00	\$ 19.20	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19.20
9	Anchor bolt 16mm-60cm	unit	\$ 3.84	\$ 3.84	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5.00
10	Anchor bolt 19mm-60cm	unit	\$ 3.84	\$ 3.84	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19.20
11	Plate 6mm (truss support)	kg	\$ 3.04	\$ 1.95	\$ 16.40	16.40	\$ 62.99	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12	Plate 6mm (column support)	kg	\$ 3.04	\$ 1.95	\$ 25.18	25.18	\$ 49.10	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Plate 9mm (joint column to truss, double, 20x20 cm)	kg	\$ 5.20	\$ 5.20	\$ 101.74	101.74	\$ 529.03	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
14	Base plate 12mm, 25x25mm	kg	\$ 9.50	\$ 9.50	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Base plate 14mm, 30x30mm	kg	\$ 2.05	\$ 1.95	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Checkered plate floor (tower)	kg	\$ -	\$ -	\$ -	\$ -	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	AC 2 PK + all accessories	unit	\$ 650.00	\$ -	\$ 3.00	\$ 1,950.00	-	\$ -	\$ 1,950.00	unit	\$ 567.28	3.00	\$ 1,701.84	-	\$ -	\$ -	\$ -
26	AC 1 PK + all accessories	unit	\$ 450.00	\$ -	\$ 3.00	\$ 1,350.00	-	\$ -	\$ 1,350.00	unit	\$ 455.28	3.00	\$ 1,365.84	-	\$ -	\$ -	\$ -
27	AC 0.5 PK + all accessories	unit	\$ 300.00	\$ -	\$ 3.00	\$ 900.00	-	\$ -	\$ 900.00	unit	\$ 326.48	3.00	\$ 919.44	-	\$ -	\$ -	\$ -
	PART - II																
II	Additional (NEW ITEM)																
1	Preparation, setia pembenihan selaikejus	m3	\$ 61.60	\$ 1.04	\$ 0.88	1.15	\$ 70.96	-	\$ -	\$ 70.96	m3	\$ 51.33	1.15	\$ 59.13	-	\$ -	\$ -
	Concrete - reinforcement	m3	\$ 200.00	\$ -	\$ 1.00	1.00	\$ 200.00	-	\$ -	\$ 200.00	Ls	\$ 200.00	1.00	\$ 200.00	-	\$ -	\$ 200.00
	Frame (SHS/RHS) & zinc/seng	m2	\$ 1.15	\$ 1.15	\$ 255.37	255.37	\$ 265.58	m2	\$ 0.44	\$ 255.37	\$ 112.36	-	\$ -	\$ -	\$ -	\$ -	\$ 255.37
2	Cutting modification SHS as it's necessary for strengthening the column and beam [to combine SHS and Concrete]. Find methods of implementation attach and communication with relevant The Engineer	Ls	\$ 200.00	\$ -	\$ 1.00	1.00	\$ 200.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 112.36
3	Ordinary block-wall masonry (1 cement : 4 sand)	m2	\$ 13.85	\$ -	\$ 332.15	237.57	\$ 3,290.35	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	Ordinary wall plaster - interior (1 cement : 5 sand)	m2	\$ 5.14	\$ -	\$ 487.41	356.97	\$ 1,834.31	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 237.57
5	Ordinary wall plaster - exterior (1 cement : 5 sand)	m2	\$ 5.14	\$ -	\$ 237.25	191.01	\$ 981.80	m2	\$ 5.03	\$ 191.01	\$ 960.79	-	\$ -	\$ -	\$ -	\$ -	\$ 1,312.67
5	Cement render - interior only	m2	\$ 3.19	\$ -	\$ 487.41	356.97	\$ 1,138.42	m2	\$ 3.23	\$ 356.87	\$ 1,152.69	-	\$ -	\$ -	\$ -	\$ -	\$ 1,152.69

No.	DESCRIPTION	ORIGINAL CONTRACT							REVISED							REVISED			
		Unit	Up	Qty.	Cost	ADDITIONAL			DEDUCTUAL			UNIT PRICE (US\$)	UNIT	REVISED AMOUNT COST	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	
						5= (3)x(4)	Qty.	Cost	6	7=(6)x(3)	Cost								
1	Wall painting - Interior (plaster, prime + final 2x)	m2	\$ 4.07	\$ -	\$ 487.41	356.87	\$ 1,452.46	-	8	9=(8)x(3)	\$ 1,452.46	m2	\$ 3.42	356.87	\$ 1,220.50	-	\$ -	356.87	\$ 1,220.50
6	Wall painting - Exterior (prime + final 2x)	m2	\$ 3.90	\$ -	\$ 237.25	191.01	\$ 744.94	-	\$ 744.94	m2	\$ 1.59	191.01	\$ 303.71	-	\$ -	-	-	191.01	\$ 303.71
7	Concrete Column 200x200 mm - combine SHS with concrete (using concrete vibrator)	m3	\$ 121.46	\$ -	\$ 3.65	514.21	\$ 514.21	-	\$ 514.21	m3	\$ 244.50	4.23	\$ 1,035.12	-	\$ -	-	-	4.23	\$ 1,035.12
8	Concrete Column 200x200 mm - combine SHS with concrete (using concrete vibrator)	kg	\$ 1.59	\$ -	\$ 617.30	699.12	\$ 1,111.60	-	\$ 1,111.60	kg	\$ 1.45	699.12	\$ 1,013.72	-	\$ -	-	-	699.12	\$ 1,013.72
Reinforced	Formwork	m2	\$ 25.56	\$ -	\$ 73.00	168.70	\$ 4,986.77	-	\$ 4,986.77	m2	\$ 31.90	168.70	\$ 5,381.53	-	\$ -	-	-	168.70	\$ 5,381.53
Concrete Beam (balok lantai) 150x200 mm - combine SHS with concrete (using concrete vibrator)	m3	\$ 121.46	\$ -	\$ 3.65	514.21	\$ 514.21	-	\$ 514.21	m3	\$ 244.50	4.23	\$ 1,035.12	-	\$ -	-	-	4.23	\$ 1,035.12	
Reinforced	Formwork	kg	\$ 1.59	\$ -	\$ 696.79	624.20	\$ 992.48	-	\$ 992.48	kg	\$ 1.45	624.20	\$ 905.09	-	\$ -	-	-	624.20	\$ 905.09
Ceilings	Formwork	m2	\$ 25.56	\$ -	\$ 82.40	168.70	\$ 4,986.77	-	\$ 4,986.77	m2	\$ 39.88	168.70	\$ 6,727.76	-	\$ -	-	-	168.70	\$ 6,727.76
10	Ceilings	m'	\$ 1.63	\$ -	\$ 118.00	\$ 192.34	\$ 192.34	-	\$ 192.34	m'	\$ 2.96	118.00	\$ 349.28	-	\$ -	-	-	118.00	\$ 349.28
Frame 40x40, t=0.3mm (indonesian standar,bes quality)	PVC t=9 mm (indonesian standart, best quality)	m2	\$ 12.68	\$ -	\$ 176.00	2,231.68	\$ 2,231.68	-	\$ 2,231.68	m2	\$ 13.02	176.00	\$ 2,291.52	-	\$ -	-	-	176.00	\$ 2,291.52
11	Ceilings	m'	\$ 1.63	\$ -	\$ 118.00	\$ 192.34	\$ 192.34	-	\$ 192.34	m'	\$ 2.96	118.00	\$ 349.28	-	\$ -	-	-	118.00	\$ 349.28
Total Additional																			
GRAND TOTAL OFFICE WORKS																			
3 DORMITORY WORKS																			
A PREPARATION WORKS																			
1 Site clearing start and finish the work	m2	\$ 2.75	672.00	\$ 1,848.00	672.00	-	\$ -	\$ 672.00	m2	\$ 2.75	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Bowplank	m2	\$ 243.00	100	\$ 243.00	100	-	\$ -	\$ 243.00	m2	\$ 243.00	100	-	\$ -	\$ -	\$ -	\$ -	\$ -	672.00	\$ 1,848.00
3 Water for works	m2	\$ 257.00	100	\$ 257.00	100	-	\$ -	\$ 257.00	m2	\$ 257.00	100	-	\$ -	\$ -	\$ -	\$ -	\$ -	100	\$ 243.00
4 Electrical for works	m2	\$ 285.00	100	\$ 285.00	100	-	\$ -	\$ 285.00	m2	\$ 285.00	100	-	\$ -	\$ -	\$ -	\$ -	\$ -	100	\$ 257.00
Total Preparation work																			
B EARTH, Stone and Sand work																			
1 Excavation foundation	m3	\$ 9.39	14.98	\$ 140.62	52.45	37.47	\$ 351.84	-	\$ 492.47	m3	\$ 9.39	37.47	\$ 351.84	-	\$ -	-	-	\$ -	\$ -
2 Sand filling under foundation	m3	\$ 13.56	0.93	\$ 12.70	15.92	14.99	\$ 204.79	-	\$ 217.49	m3	\$ 13.66	14.99	\$ 204.79	-	\$ -	-	-	\$ -	\$ -
3 Lean concrete for footplate	m3	\$ 13.56	0.93	\$ 12.70	0.94	-	\$ -	\$ 12.70	m3	\$ 13.66	1.24	\$ 14.02	-	\$ -	-	-	\$ -	\$ -	
4 Soil Backfill	m3	\$ 1.24	8.99	\$ 11.14	20.29	11.31	\$ 1,746.89	-	\$ 17.88	m3	\$ 12.66	11.31	\$ 14.02	-	\$ -	-	-	\$ -	\$ -
5 Sand filling under floor	m3	\$ 13.56	16.50	\$ 2,256.63	37.32	351.37	\$ 7,371.77	-	\$ 7,371.77	m3	\$ 12.66	11.31	\$ 14.02	-	\$ -	-	-	\$ -	\$ -
6 Selected material for levelling floor	m3	\$ 20.65	6.80	\$ 156.40	22.48	15.68	\$ 360.64	-	\$ 517.04	m3	\$ 23.00	15.68	\$ 360.64	-	\$ -	-	-	\$ -	\$ -
7 Rip-rap works	m3	\$ 98.98	7.65	\$ 756.43	103.36	95.71	\$ 9,463.93	-	\$ 10,220.36	m3	\$ 98.88	95.71	\$ 9,463.93	-	\$ -	-	-	\$ -	\$ -
Stone masonry works																			
Total Earth, stone and sand work																			
C MASONRY WORK and RENDER																			
1 Wall Zinc	m2	\$ 4.14	1498.00	\$ 6,201.72	874.86	-	\$ -	\$ 623.14	m2	\$ 4.14	-	\$ -	\$ 623.14	\$ 2,579.80	\$ 874.86	\$ -	\$ -	\$ 9,754.23	
2 Profile L50x50x5mm	kg	\$ 5.00	2639.00	\$ 13,195.00	-	\$ -	\$ 2,639.00	\$ 13,195.00	kg	\$ 5.00	-	\$ -	\$ 2,639.00	\$ 13,195.00	\$ -	\$ -	\$ -	\$ -	
2a Frame for wall installation, SHS 50x50x25mm (external & internal)	m2	\$ 1.35	-	\$ 4542.46	4,542.46	6,132.32	-	\$ 6,132.32	kg	\$ 1.35	4,542.46	\$ 6,132.32	-	\$ -	-	\$ 4,542.46	\$ -	\$ 6,132.32	
Total Masonry work and render																			
D FLOOR WORK																			
1 Ceramics floor tiles 200x200 for main building type as drawing	m2	\$ 38.95	341.00	\$ 13,281.95	331.00	-	\$ -	\$ 10.00	\$ 389.50	m2	\$ 38.95	-	\$ -	\$ 10.00	\$ 389.50	\$ 331.00	\$ -	\$ -	
2 Ceramics floor tiles 200x200 for toilets type as drawing	m2	\$ 19.50	55.00	\$ 1,072.50	55.00	-	\$ -	\$ -	\$ 1,072.50	m2	\$ 19.50	-	\$ -	\$ -	\$ -	\$ -	\$ 55.00	\$ 1,072.50	
3 Concrete topping for floor work	m3	\$ 144.90	165.20	\$ 23,937.48	36.60	-	\$ -	\$ 126.60	\$ 18,344.34	m3	\$ 144.90	-	\$ -	\$ 126.60	\$ 18,344.34	\$ 36.60	\$ -	\$ 55.93.14	
Total Floor work																			
																		\$ 18,733.84	\$ 19,556.09
																		\$ -	\$ 19,556.09

No.	DESCRIPTION	ORIGINAL CONTRACT				REVISED				ADDITIONAL				DEDUCTION				REVISED	
		Unit	Up	Qty.	Cost	ADDITIONAL		DEDUCTONAL		REVISED		AMOUNT COST		UNIT PRICE (US\$)	UNIT	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)
						Qty	Qty	Cost	Qty	Cost	10=(5+7+9)	Qty	Cost						
1	E CONCRETE WORKS	2	3	4	5=(3)x(4)	6	7=(6)x(3)	8	9=(8)x(3)	10=(5+7+9)									
1	Concrete footplate 600x600 mm																		
1	Concrete 25 MPa	m ³	\$ 244.50	3.74	\$ 914.43	7.50	3.76	\$ 920.33	-										
1	Reinforced	kg	\$ 1.45	1641.26	\$ 2,379.03	498.08	-	1,143.18	\$ 1,657.61	\$ 1,834.76	m ³	\$ 244.50	3.76	\$ 920.33	-				
1	Formwork	n ²	\$ 17.58	17.76	\$ 312.22	64.69	46.93	824.77		\$ 722.22	kg	\$ 1.45	-	\$ 1,657.61	1,143.18	7.50	\$ 1,834.76	722.22	
2	Concrete sloof 150x250 mm	m ³	\$ 244.50	10.65	\$ 2,603.93	10.05	-		0.60	\$ 146.70	\$ 2,457.23	m ³	\$ 244.50	-					
1	Concrete 25 MPa	kg	\$ 1.45	1533.07	\$ 2,222.95	1693.59	160.92	23.33		\$ 2,456.28	kg	\$ 1.45	160.92	\$ 233.33	-				
1	Reinforced	m ²	\$ 24.95	70.98	\$ 1,771.01	134.00	63.02	1,572.50		\$ 24.95	m ²	\$ 63.02	\$ 1,572.30	-					
3	Steel beam ring (SB) 80x80x2 mm	kg	\$ 1.35	4051.90	\$ 5,493.57	11,962.22	-	2,863.68	\$ 3,865.97	\$ 1,617.60	kg	\$ 1.35	-	\$ 2,863.68	\$ 3,865.97	1,198.22	\$ 3,343.31		
4	Steel column (SC) 80x80x2 mm	kg	\$ 1.35	1740.82	\$ 2,350.10	19,40.85	200.04	270.05		\$ 260.15	kg	\$ 1.35	200.04	\$ 270.05	-				
	Total Concrete work				\$ 18,038.03			\$ 3,820.78		\$ 5,670.28	\$ 16,188.53			\$ 3,820.78		\$ 5,670.28	-	\$ 16,188.53	
F DOORS, WINDOWS And VENTILATIONS WORKS																			
1	Supply and install Aluminium frame door Type DW-1 + accessories	Unit	\$ 135.00	1.00	\$ 135.00	1.00	-	-		\$ 135.00	Unit	\$ 135.00	-						
2	Supply and install Aluminium frame door Type D-1 + accessories	Unit	\$ 800.00	2.00	\$ 1,600.00	2.00	-	-		\$ 1,600.00	Unit	\$ 800.00	-						
3	Supply and install Aluminium frame door Type D-2 + accessories	Unit	\$ 450.00	5.00	\$ 2,250.00	5.00	-	-		\$ 2,250.00	Unit	\$ 450.00	-						
4	Supply and install Aluminium frame door Type D-3 + accessories	Unit	\$ 400.00	5.00	\$ 2,000.00	5.00	-	-		\$ 2,000.00	Unit	\$ 400.00	-						
5	Supply and install PVC frame door Type D-4 + accessories	Unit	\$ 250.00	1.00	\$ 250.00	1.00	-	-		\$ 250.00	Unit	\$ 250.00	-						
6	Supply and install PVC frame door Type D-5 + accessories	Unit	\$ 250.00	3.00	\$ 750.00	3.00	-	-		\$ 750.00	Unit	\$ 250.00	-						
7	Supply and install Aluminium frame door Type D-6 + accessories	Unit	\$ 220.00	5.00	\$ 1,100.00	5.00	-	-		\$ 1,100.00	Unit	\$ 220.00	-						
7	Supply and install Aluminium frame window Type W-1 + accessories	Unit	\$ 500.00	19.00	\$ 9,500.00	19.00	-	-		\$ 9,500.00	Unit	\$ 500.00	-						
8	Supply and install Wooden frame ventilation Type BV-1 + accessories	Unit	\$ 200.00	6.00	\$ 1,200.00	6.00	-	-		\$ 1,200.00	Unit	\$ 200.00	-						
	Total Doors, Windows and Ventilations work				\$ 16,785.00			\$ -		\$ -	\$ 18,785.00								
G ROOFING WORKS																			
1	ETR Zincalum Roofing	m ²	\$ 24.50	504.00	\$ 12,348.00	400.97	-	103.03	\$ 2,524.17	\$ 9,823.83	m ²	\$ 24.50	-						
2	Galv. Purlin Ø 2"	m	\$ 8.95	617.31	\$ 5,324.91	617.80	0.49		\$ 5,324.91	m	\$ 8.95	0.49							
3	Galv. Rafter Ø 3"	m	\$ 9.75	174.26	\$ 1,699.00	211.85	37.59	\$ 366.53		\$ 2,065.53	m	\$ 9.75	37.59						
	Total Roofing work				\$ 19,571.90			\$ 370.94		\$ 2,524.17	\$ 17,418.66			\$ 370.94		\$ 2,524.17	-	\$ 17,418.66	
H CEILING WORK																			
1	Canopy (ACP, frame and accessories)	m ²	\$ 57.00	9.60	\$ 547.20	9.60	-	-		\$ 547.20	m ²	\$ 57.00	-						
	Total Ceiling work				\$ 547.20			\$ -		\$ 547.20									
I ELECTRICAL WORKS																			
1	Supply and install panel board weather connected EDTL to internal building	Unit	\$ 250.00	1.00	\$ 250.00	1.00	-	-		\$ 250.00	Unit	\$ 250.00	-						
2	Supply and install philips lamp 20 watt	Unit	\$ 0.00	\$	-	-	-	-											
3	Supply and install philips lamp 10 watt	Unit	\$ 6.50	6.00	\$ 39.00	6.00	-	-		\$ 39.00	Unit	\$ 6.50	-						
4	Good quality	Unit	\$ 8.50	26.00	\$ 221.00	26.00	-	-		\$ 221.00	Unit	\$ 8.50	-						
5	Supply and install single switch lamp good quality	Unit	\$ 9.50	18.00	\$ 171.00	18.00	-	-		\$ 171.00	Unit	\$ 9.50	-						
6	Supply and install double switch lamp	Unit	\$ 10.50	1.00	\$ 10.50	1.00	-	-		\$ 10.50	Unit	\$ 10.50	-						
7	Supply and install power outlet	Unit	\$ 12.00	9.00	\$ 108.00	9.00	-	-		\$ 108.00	Unit	\$ 12.00	-						
8	Supply and install single switch lamp good quality	Unit	\$ 12.00	75.00	\$ 900.00	75.00	-	-		\$ 900.00	Unit	\$ 12.00	-						
9	Cable NYM 3x2.5 mm good quality for installation electric per room	m	\$ 4.45	300.00	\$ 1,335.00	300.00	-	-		\$ 1,335.00	m	\$ 4.45	-						
10	Pipe AV for installation electric	Unit	\$ 12.00	75.00	\$ 900.00	75.00	-	-		\$ 900.00	Unit	\$ 12.00	-						
	Total Electrical work				\$ 4,834.50			\$ -		\$ 4,834.50									
J SANITATION WORK																			
1	Searcloset colour white + accessories	Unit	\$ 268.09	12.00	\$ 3,217.08	12.00	-	-		\$ 3,217.08	Unit	\$ 268.09	-						
2	Urinoir colour white + accessories	Unit	\$ 235.00	5.00	\$ 1,175.00	5.00	-	-		\$ 1,175.00	Unit	\$ 235.00	-						

No.	DESCRIPTION	ORIGINAL CONTRACT								REVISED								REVISED							
		Unit				Up		Qty.		Cost		Qty.		QTY.		Cost		Deduction		Additional		Deduction			
		2	3	4	5= (3)x(4)	6	7=(6)x[3]	8	9=(8)x[3]	Cost	Qty.	Cost	Qty.	Cost	Qty.	Cost	Qty.	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	
1	Wastafel + accessories include mirror to internal toilet	Unit	\$ 175.00	9.00	\$ 1,575.00	9.00	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
3	Zinc Shower with valve	Unit	\$ 500.00	2.00	\$ 1,000.00	2.00	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,575.00	
4	Supply and install Floor drainager	Unit	\$ 375.00	12.00	\$ 4,500.00	12.00	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,000.00	
5	Pipe PVC AW dia 0.5" for cold water pipe installation	m'	\$ 7.89	100.00	\$ 789.00	100.00	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,500.00	
6	Pipe PVC dia. 3" for waste water pipe installation	m'	\$ 10.78	100.00	\$ 1,078.00	100.00	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 789.00	
7	Pipe PVC dia. 4" for water closed pipe installation	m'	\$ 12.00	50.00	\$ 600.00	50.00	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,078.00	
9	Sepitkankik	Unit	\$ 2,200.00	2.00	\$ 4,400.00	2.00	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 600.00	
10	Absorption	Unit	\$ 950.00	2.00	\$ 1,900.00	2.00	-	\$ -	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,400.00	
	Total Sanitation work				\$ 20,234.08			\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,900.00	
	PART - I																								
1	Additional (NEW ITEM)																								
	Protection Painting (anti Korat)																								
1	Steel beam ring (SB) 80x80x2 mm	m2	\$ 3.84	\$ -	\$ 84.80	\$ 84.80	325.63	\$ -	\$ 325.63	m2	\$ 4.25	\$ 84.80	\$ 360.40	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 360.40	
2	Steel column (SC) 80x80x2 mm	m2	\$ 3.84	\$ -	\$ 137.36	\$ 137.36	527.45	\$ -	\$ 527.45	m2	\$ 4.25	\$ 137.36	\$ 583.77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 583.77	
3	Hollow 50x50x2 mm (SHS/1HHS)	m2	\$ 3.84	\$ -	\$ 269.33	\$ 269.33	1,111.02	\$ -	\$ 1,111.02	m2	\$ 4.25	\$ 269.33	\$ 1,229.65	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,229.65	
4	Hollow 40x10x2.6mm	m2	\$ 3.84	\$ -	\$ 38.40	\$ 38.40	147.46	\$ -	\$ 147.46	m2	\$ 4.25	\$ 38.40	\$ 163.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 163.20	
5	Hollow 20x10x2.6mm	m2	\$ 3.84	\$ -	\$ 23.52	\$ 23.52	90.32	\$ -	\$ 90.32	m2	\$ 4.25	\$ 23.52	\$ 99.96	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 99.96	
6	Hollow 20x20x1.8mm	m2	\$ 3.84	\$ -	\$ 6.40	\$ 6.40	24.58	\$ -	\$ 24.58	m2	\$ 4.25	\$ 6.40	\$ 27.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 27.20	
7	Galvanis 2"	m2	\$ 3.84	\$ -	\$ 98.64	\$ 98.64	378.76	\$ -	\$ 378.76	m2	\$ 4.25	\$ 98.64	\$ 419.20	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 419.20	
8	Galvanis 3"	m2	\$ 3.84	\$ -	\$ 50.73	\$ 50.73	194.82	\$ -	\$ 194.82	m2	\$ 4.25	\$ 50.73	\$ 215.62	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 215.62	
9	Plastic for column protection	roll	\$ 5.20	\$ -	\$ 8.00	\$ 8.00	41.60	\$ -	\$ 41.60	roll	\$ 3.84	\$ 8.00	\$ 30.72	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30.72	
10	Anchor bolt 16mm-60cm	unit	\$ 7.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	unit	\$ 9.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
11	Anchor bolt 19mm-60cm	unit	\$ 9.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	unit	\$ 9.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
12	Plate 6mm (truss support)	kg	\$ 1.95	\$ -	\$ 43.75	\$ 43.75	85.31	\$ -	\$ 85.31	kg	\$ 2.12	\$ 43.75	\$ 92.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 92.74	
13	Plate 6mm (column support)	kg	\$ 1.95	\$ -	\$ 67.15	\$ 67.15	130.93	\$ -	\$ 130.93	kg	\$ 2.12	\$ 67.15	\$ 142.35	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 142.35	
14	Plate 9mm (joint column to truss, double, 20x20 cm)	kg	\$ 1.95	\$ -	\$ 271.30	\$ 271.30	529.03	\$ -	\$ 529.03	kg	\$ 2.12	\$ 271.30	\$ 575.15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 575.15	
15	Base plate 12mm, 25x25 cm	kg	\$ 2.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	kg	\$ 2.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
16	Base plate 16mm, 30x30 cm	kg	\$ 2.05	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	kg	\$ 2.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
17	Checkered plate floor (tower)	kg	\$ 1.95	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	kg	\$ 2.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
26	AC 2 PK + all accessories	unit	\$ 650.00	\$ -	\$ 3.00	\$ 3.00	1,950.00	\$ -	\$ 1,950.00	unit	\$ 567.28	\$ 3.00	\$ 1,701.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,701.84	
27	AC 1 PK + all accessories	unit	\$ 450.00	\$ -	\$ 3.00	\$ 3.00	1,350.00	\$ -	\$ 1,350.00	unit	\$ 455.28	\$ 3.00	\$ 1,365.84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,365.84	
28	AC 0.5 PK + all accessories	unit	\$ 300.00	\$ -	\$ 3.00	\$ 3.00	900.00	\$ -	\$ 900.00	unit	\$ 326.48	\$ 3.00	\$ 979.44	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 979.44	
	PART - II																								
II	Additional (NEW ITEM)																								
1	Preparation & Demolish (Pembongkaran, perapian, serta pembersihan setakelus)	m3	\$ 61.60	\$ -	\$ 1.83	\$ 3.20	197.12	\$ -	\$ 197.12	m3	\$ 51.33	\$ 3.20	\$ 164.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Concrete, reinforcement	m2	\$ 1.04	\$ -	\$ 874.86	\$ 660.75	607.18	\$ -	\$ 607.18	m2	\$ 0.34	\$ 660.75	\$ 290.73	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 660.75	
Frame (SHS/RHS) & zinc/seng																									
Cutting/modification SHS as it's necessary for strengthening the column and beam (to combine SHS and Concrete), find methods of implementation attach and communication with relevant The Engineer	Ls	\$ 580.67	\$ -	\$ 1.00	\$ 1.00	\$ 580.67	-	\$ 580.67	Ls	\$ 200.00	\$ 1.00	\$ 200.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200.00		
	Ordinary block wall masonry (C cement : 4 sand)	m2	\$ 13.85	\$ -	\$ 877.83	\$ 618.35	8,564.15	\$ -	\$ 8,564.15	m2	\$ 13.14	\$ 618.35	\$ 8,125.12	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 8,125.12	
3	Ordinary wall plaster - interior (1 cement : 1.5 sand)	m2	\$ 5.14	\$ -	\$ 1,395.28	\$ 963.50	4,952.39	\$ -	\$ 4,952.39	m2	\$ 5.03	\$ 963.50	\$ 4,846.41	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,846.41		
4	Ordinary wall plaster - exterior (1 cement : 5 sand)	m2	\$ 5.14	\$ -	\$ 390.55	\$ 352.19	1,813.31	\$ -	\$ 1,813.31	m2	\$ 5.03	\$ 352.19	\$ 1,774.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,774.51		
5	Cement render - interior only	m2	\$ 3.19	\$ -	\$ 1,395.28	\$ 862.00	2,749.78	\$ -	\$ 2,749.78	m2	\$ 3.23	\$ 862.00	\$ 2,784.26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,784.26		
6	Wall painting - Interior (plaster, prime + final 2x)	m2	\$ 4.07	\$ -	\$ 1,395.28	\$ 860.25	3,501.22	\$ -	\$ 3,501.22	m2	\$ 3.42	\$ 860.25	\$ 2,942.06	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,942.06		
7	Wall painting - Exterior (prime + final 2x)	m2	\$ 3.90	\$ -	\$ 390.55	\$ 352.19	1,375.86	\$ -	\$ 1,375.86	m2	\$ 1.59	\$ 352.19	\$ 560.93	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 560.93		
B	Concrete Column 200x200 mm - combine SHS with concrete (using concrete vibrator)	m3	\$ 121.46	\$ -	\$ 7.59	\$ 11.76	1,428.37	\$ -	\$ 1,428.37	m3	\$ 244.50	\$ 11.76	\$ 2,875.32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,875.32		

No.	DESCRIPTION	ORIGINAL CONTRACT							REVISED							DEDUCTION			REVISED		
		Unit	Up	Qty.	Cost	ADDITIONAL			DEDUCTUAL			REVISED AMOUNT COST	UNIT UNIT PRICE (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)		
						Qty.	Cost	Qty.	Cost	Qty.	Cost										
1		2	3	4	5= (3)x(4)	6	7= (6)x(3)	8	9= (8)x(3)	10= (5+7-9)	11= (5+7-9)	\$ 3,087.78	kg	\$ 1.45	1,942.00	\$ 2,815.90	-	\$ -	1,942.00	\$ 2,815.90	
Reinforced		kg	\$ 1.59	\$ -	\$ 1,263.99	\$ 1,942.00	\$ -	\$ 2,278.09	\$ -	\$ 2,278.09	\$ -	\$ 0.86	m ²	\$ 31.90	25.54	\$ 27.56	-	\$ -	0.86	\$ 27.56	
Formwork		m ²	\$ 29.56	\$ -	\$ 151.84	\$ 0.86	\$ -	\$ 25.54	\$ -	\$ 2,278.09	\$ -	\$ 0.86	m ²	\$ 31.90	1.45	\$ 244.50	\$ 244.50	\$ -	\$ -	\$ 27.56	
Concrete Beam (balok latel) 150x200 mm - combine SHS with concrete (using concrete vibrator)		m ³	\$ 121.46	\$ -	\$ 10.10	\$ 5.69	\$ 690.82	\$ -	\$ 690.82	m ³	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Reinforced		kg	\$ 1.59	\$ -	\$ 1,708.15	\$ 4,327.76	\$ -	\$ 4,986.77	\$ -	\$ 4,986.77	m ²	\$ -	\$ 3,087.78	kg	\$ 1.45	1,432.76	\$ 2,072.50	-	\$ -	1,432.76	\$ 2,072.50
Formwork		m ²	\$ 29.56	\$ -	\$ 202.00	\$ 168.70	\$ -	\$ 168.70	\$ -	\$ 168.70	m ²	\$ -	\$ 2,278.09	kg	\$ 1.45	1,432.76	\$ 2,072.50	-	\$ -	1,432.76	\$ 2,072.50
10 Ceiling Work		m ³	\$ 16.08	\$ -	\$ 600.00	\$ 9,648.00	\$ -	\$ 9,648.00	\$ -	\$ 9,648.00	m ³	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Frame 40x40, t=0.3mm (indonesian standard, best quality), PVC e9 mm (indonesian standard, best quality).		m ²	\$ 12.68	\$ -	\$ 366.00	\$ 4,894.48	\$ -	\$ 4,894.48	\$ -	\$ 4,894.48	m ²	\$ -	\$ 3,086.00	kg	\$ 1.45	1,432.76	\$ 2,072.50	-	\$ -	1,432.76	\$ 2,072.50
List PVC (indonesian standard, best quality)		m ²	\$ 1.63	\$ -	\$ 494.00	\$ 805.22	\$ -	\$ 805.22	\$ -	\$ 805.22	m ³	\$ -	\$ 2,278.09	kg	\$ 1.45	1,432.76	\$ 2,072.50	-	\$ -	1,432.76	\$ 2,072.50
Total Additional																					
GRAND TOTAL DORMITORY WORKS																					
4 MEETING ROOM																					
A PREPARATION WORKS																					
1 Site clearing start and finish the work		m ²	\$ 2.75	\$ 202.50	\$ 556.88	\$ 202.50	-	\$ -	\$ -	\$ 556.88	m ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Bouwplank		LS	\$ 243.00	\$ 1.00	\$ 243.00	\$ 1.00	-	\$ -	\$ -	\$ 243.00	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Water for works		LS	\$ 257.00	\$ 1.00	\$ 257.00	\$ 1.00	-	\$ -	\$ -	\$ 257.00	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4 Electrical for works		LS	\$ 285.00	\$ 1.00	\$ 285.00	\$ 1.00	-	\$ -	\$ -	\$ 285.00	LS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Preparation work																					
B EARTH, Stone and Sand work																					
1 Excavation foundation		m ³	\$ 9.39	\$ 7.52	\$ 70.61	\$ 21.93	\$ 14.41	\$ 15.30	-	\$ 205.91	m ³	\$ -	\$ 9.39	\$ 14.41	\$ 15.30	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2 Sand filling under foundation		m ³	\$ 13.66	\$ 0.47	\$ 6.42	\$ 5.98	\$ 5.51	\$ 75.27	-	\$ 81.69	m ³	\$ -	\$ 13.66	\$ 5.51	\$ 5.51	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3 Lean concrete for footplate		m ³	\$ 13.66	\$ 0.47	\$ 6.42	\$ 0.44	\$ -	\$ 0.03	\$ -	\$ 0.41	m ³	\$ -	\$ 6.01	\$ 13.66	\$ 13.66	\$ -	\$ -	\$ 202.50	\$ 202.50	\$ 556.88	\$ 556.88
4 Soil Backfill		m ³	\$ 1.24	\$ 4.51	\$ 5.59	\$ 8.01	\$ 3.50	\$ 4.34	-	\$ 9.93	m ³	\$ -	\$ 1.24	\$ 3.50	\$ 4.34	\$ -	\$ -	\$ 0.41	\$ 0.41	\$ 243.00	\$ 243.00
5 Sand filling under floor		m ³	\$ 13.66	\$ 6.73	\$ 9.13	\$ 12.58	\$ 8.85	\$ 79.94	-	\$ 171.87	m ³	\$ -	\$ 13.66	\$ 8.85	\$ 79.94	\$ -	\$ -	\$ 1.00	\$ 1.00	\$ 257.00	\$ 257.00
6 Selected material for levelling floor		m ³	\$ 20.98	\$ 59.26	\$ 1,243.27	\$ 103.96	\$ 44.70	\$ 917.88	-	\$ 218.15	m ³	\$ -	\$ 20.98	\$ 44.70	\$ 917.88	\$ -	\$ -	\$ 1.00	\$ 1.00	\$ 285.00	\$ 285.00
7 Rip-rap works		m ³	\$ 23.00	\$ 1.40	\$ 32.20	\$ 14.80	\$ 13.40	\$ 30.82	-	\$ 340.40	m ³	\$ -	\$ 23.00	\$ 13.40	\$ 30.82	\$ -	\$ -	\$ 14.80	\$ 14.80	\$ 340.40	\$ 340.40
8 Stone masonry works		m ³	\$ 98.88	\$ 0.76	\$ 75.15	\$ 55.24	\$ 54.48	\$ 5.386.98	-	\$ 5,452.13	m ³	\$ -	\$ 98.88	\$ 54.48	\$ 5,386.98	\$ -	\$ -	\$ 21.93	\$ 21.93	\$ 205.91	\$ 205.91
Total Earth, stone and sand work																					
C MASONRY WORK and RENDER																					
1 Wall Zinc		m ²	\$ 4.14	\$ 714.00	\$ 2,955.96	\$ 192.43	-	\$ 999.11	\$ 999.11	\$ 1,348.80	\$ 0.41	\$ 8,459.10									
2 Profile 60x50x5mm (external & internal)		kg	\$ 5.00	\$ 131.950	\$ 6.597.50	-	\$ -	\$ 521.58	\$ 2,159.32	\$ 796.64	m ²	\$ -	\$ 5.00	\$ 4.14	\$ 4.14	\$ -	\$ 0.41	\$ 0.41	\$ 8,459.10	\$ 8,459.10	
Total Masonry work and render																					
D FLOOR WORK																					
1 Ceramics floor 600x600 for main building		m ²	\$ 36.95	\$ 142.00	\$ 5,530.90	\$ 130.50	-	\$ 11.50	\$ 47.93	\$ 5,052.98	m ²	\$ -	\$ 36.95	\$ 47.93	\$ 5,052.98	\$ -	\$ -	\$ 11.50	\$ 11.50	\$ 1,348.80	\$ 1,348.80
2 Concrete topping for floor work		m ³	\$ 144.90	\$ 6.73	\$ 975.18	\$ 13.05	\$ 6.32	\$ 915.77	-	\$ 1,890.95	m ³	\$ -	\$ 144.90	\$ 6.32	\$ 915.77	\$ -	\$ -	\$ 1,890.95	\$ 1,890.95	\$ 999.11	\$ 999.11
Total Floor work																					
E CONCRETE WORKS																					
1 Concrete footplate 600x600 mm		m ³	\$ 244.50	\$ 1.37	\$ 334.48	\$ 2.50	\$ 1.13	\$ 276.79	-	\$ 611.27	m ³	\$ -	\$ 244.50	\$ 1.13	\$ 276.79	\$ -	\$ -	\$ 244.50	\$ 244.50	\$ 611.27	\$ 611.27
2 Concrete topping for floor work		kg	\$ 1.45	\$ 599.69	\$ 869.55	\$ 231.54	-	\$ 368.15	\$ 533.81	\$ 335.74	kg	\$ -	\$ 1.45	\$ 145.54	\$ 335.74	\$ -	\$ -	\$ 533.81	\$ 533.81	\$ 355.74	\$ 355.74
3 Concrete footplate 800x800 mm		m ²	\$ 17.57	\$ 6.49	\$ 114.05	\$ 24.04	\$ 17.55	\$ 308.36	-	\$ 422.44	m ²	\$ -	\$ 17.57	\$ 17.55	\$ 308.36	\$ -	\$ -	\$ 20.04	\$ 20.04	\$ 422.44	\$ 422.44
4 Concrete slop 200x300 mm (S-1)		m ³	\$ 24.95	\$ 0.64	\$ 156.48	\$ 0.73	\$ 0.09	\$ 21.89	-	\$ 175.3	m ³	\$ -	\$ 24.95	\$ 17.53	\$ 437.49	\$ -	\$ -	\$ 392.6	\$ 392.6	\$ 703.89	\$ 703.89
5 Concrete slop 25M Pa		m ³	\$ 244.50	\$ 0.90	\$ 220.05	\$ 0.86	\$ -	\$ 0.04	\$ 8.80	\$ 211.25	m ³	\$ -	\$ 244.50	\$ 0.90	\$ 244.50	\$ -	\$ -	\$ 8.80	\$ 8.80	\$ 211.25	\$ 211.25
Reinforced		kg	\$ 1.45	\$ 245.95	\$ 450.83	\$ 109.79	-	\$ 90.79	\$ 131.64	\$ 159.19	kg	\$ -	\$ 1.45	\$ 16.17	\$ 16.17	\$ -	\$ -	\$ 0.04	\$ 0.04	\$ 159.19	\$ 159.19
Formwork		m ²	\$ 244.50	\$ 4.50	\$ 112.28	\$ 8.64	-	\$ -	\$ -	\$ 112.28	m ²	\$ -	\$ 244.50	\$ 112.28	\$ 8.64	\$ -	\$ -	\$ 90.79	\$ 90.79	\$ 159.19	\$ 159.19
Steel beam ring (SB) 80x80x2 mm		kg	\$ 1.35	\$ 813.89	\$ 1,098.75	\$ 244.17	-	\$ -	\$ 56.92	\$ 769.12	\$ 329.62	kg	\$ -	\$ 1.35	\$ 1.35	\$ 1.35	\$ -	\$ 56.92	\$ 56.92	\$ 244.17	\$ 244.17

No.	Description	ORIGINAL CONTRACT						REVISED						DEDUCTION			REVISED		
		Unit	Up	Qty.	Cost	ADDITIONAL		DEDUCTIVE		REVISED COST	UNIT PRICE (US\$)	UNIT	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	
						Qty.	Cost	Qty.	Cost										
1	Steel beam ring (SB) 100x100x3 mm	kg	\$ 1.45	792.67	\$ 1,149.38	501.69	-	210.99	\$ 7=(6)x(3)	10=(5+7x9)	\$ 843.44	kg	\$ 1.45	-	\$ 210.99	\$ 305.93	\$ 305.93	\$ 843.44	
6	Steel column (SC) 100x80x2 mm	kg	\$ 1.35	334.10	\$ 451.03	334.10	-	451.03	\$ 305.93	\$ 305.93	\$ 451.03	kg	\$ 1.35	-	\$ -	\$ -	\$ 334.10	\$ 451.03	
7	Steel column (SC) 100x100x3 mm	kg	\$ 1.85	566.20	\$ 820.98	-	566.20	\$ 820.98	\$ 305.93	\$ 305.93	\$ 820.98	kg	\$ 1.45	-	\$ 566.20	\$ 820.98	\$ 305.93	\$ 820.98	
8	Steel column (SC) 150x150x6 mm	kg	\$ 1.85	-	-	1639.08	1,639.08	3,032.30	-	3,032.30	-	kg	\$ 1.85	1,639.08	\$ 3,032.30	-	\$ 1,639.08	\$ 3,032.30	
9	Steel Stair																		
10	Hollow 50x10x2.8 mm	kg	\$ 1.85	7.50	\$ 154.87	\$ 1,161.53	-	154.87	\$ 1,161.53	\$ 361.09	\$ 1,161.53	kg	\$ 1.85	1,161.53	-	\$ 154.87	\$ 1,161.53	\$ 361.09	\$ 1,161.53
(a) Hollow 50x10x2.8 mm																			
Hollow 40x40x2.8 mm																			
Plate Steel t=3mm																			
Paint																			
Total Concrete work																			
F DOORS, WINDOWS And VENTILATIONS																			
WORKS																			
1 Supply and install Aluminium frame door		Unit	\$ 135.00	2.00	\$ 270.00	2.00	-	-	-	\$ 270.00	Unit	\$ 135.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Type DM-1+ accessories																			
2 Supply and install Aluminium frame door		Unit	\$ 400.00	1.00	\$ 400.00	1.00	-	-	-	\$ 400.00	Unit	\$ 400.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Type D-3+ accessories																			
3 Supply and instal Aluminium frame window type W-1+ accessories		Unit	\$ 500.00	8.00	\$ 4,000.00	8.00	-	-	-	\$ 4,000.00	Unit	\$ 500.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Doors, windows and ventilation work																			
G ROOFING WORKS																			
1 ETR Zincalum Roofing		m2	\$ 24.50	162.00	\$ 3,969.00	199.54	37.54	\$ 919.61	-	\$ 24.50	m2	\$ 27.54	\$ 715.41	-	\$ -	\$ -	\$ -	\$ -	
2 Galv. Purlin Ø 2"		m	\$ 8.95	196.26	\$ 1,756.53	185.10	-	111.6	\$ 99.88	\$ 1,656.65	m	\$ 8.95	-	\$ 111.6	\$ 99.88	\$ 185.10	\$ 1,656.65		
3 Galv. Rafter Ø 3"		m	\$ 9.75	64.41	\$ 627.96	63.44	-	0.97	\$ 9.47	\$ 618.49	m	\$ 9.75	-	\$ 0.97	\$ 9.47	\$ 63.44	\$ 618.49		
Total Roofing work																			
H CEILING WORK																			
1 Canopy (ACP frame and accessories)		m2	\$ 57.00	132.20	\$ 752.40	13.20	-	-	-	\$ 752.40	m2	\$ 57.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	
Total Ceiling work																			
I ELECTRICAL WORKS																			
1 Supply and install panel board weather proof (36) module good quality for connected ETR/L to internal building.		Unit	\$ 250.00	1.00	\$ 250.00	1.00	-	-	-	\$ 250.00	Unit	\$ 250.00	-	\$ -	\$ -	\$ -	\$ -	\$ 250.00	
2 Supply and install fan		Unit	\$ 200.00	3.00	\$ 600.00	3.00	-	-	-	\$ 600.00	Unit	\$ 200.00	-	\$ -	\$ -	\$ -	\$ -	\$ -	
3 Supply and install philips lamp 20 watt		Unit	\$ 8.50	15.00	\$ 127.50	15.00	-	-	-	\$ 127.50	Unit	\$ 8.50	-	\$ -	\$ -	\$ -	\$ -	\$ 600.00	
4 Good quality		Unit	\$ 12.00	3.00	\$ 36.00	3.00	-	-	-	\$ 36.00	Unit	\$ 12.00	-	\$ -	\$ -	\$ -	\$ -	\$ 127.50	
5 Supply and install power outlet		Unit	\$ 9.50	1.00	\$ 9.50	1.00	-	-	-	\$ 9.50	Unit	\$ 9.50	-	\$ -	\$ -	\$ -	\$ -	\$ 36.00	
6 Supply and install single switch lamp good quality		Unit	\$ 10.50	2.00	\$ 21.00	2.00	-	-	-	\$ 21.00	Unit	\$ 10.50	-	\$ -	\$ -	\$ -	\$ -	\$ 9.50	
7 Cable NYM 3x2.5 mm good quality for installation electrical per room		m	\$ 4.45	400.00	\$ 1,780.00	400.00	-	-	-	\$ 1,780.00	m	\$ 4.45	-	\$ -	\$ -	\$ -	\$ -	\$ 21.00	
8 Pipe AV for installation electric		Unit	\$ 12.00	100.00	\$ 1,200.00	100.00	-	-	-	\$ 1,200.00	Unit	\$ 12.00	-	\$ -	\$ -	\$ -	\$ -	\$ 400.00	
Total Electrical work																			
PART - I																			
I Additional (NEW ITEM)																			
1 Protection Painting (Anti Karat)		m2	\$ 3.84	-	-	17.28	17.28	\$ 65.36	-	\$ 65.36	m2	\$ 4.25	17.28	\$ 73.44	-	\$ 17.28	\$ 73.44		
2 Steel beam ring (SB) 80x80x2 mm		m2	\$ 3.84	-	-	8.23	8.23	\$ 31.62	-	\$ 31.62	m2	\$ 4.25	8.23	\$ 34.99	-	\$ 8.23	\$ 34.99		
3 Hollow 50x50x2mm (SHS/RHS)		m2	\$ 3.84	-	-	63.64	63.64	\$ 24.37	-	\$ 24.37	m2	\$ 4.25	63.64	\$ 270.46	-	\$ -	\$ -		
4 Steel column (SC) 150x150x6 mm		m2	\$ 3.84	-	-	34.80	34.80	\$ 13.63	-	\$ 13.63	m2	\$ 4.25	34.80	\$ 147.90	-	\$ 34.80	\$ 147.90		
5 Hollow 80x80x2mm (SHS/RHS)		m2	\$ 3.84	-	-	18.56	18.56	\$ 71.27	-	\$ 71.27	m2	\$ 4.25	18.56	\$ 78.88	-	\$ 18.56	\$ 78.88		
6 Hollow 50x50x2mm (SHS/RHS)		m2	\$ 3.84	-	-	51.88	51.88	\$ 19.22	-	\$ 19.22	m2	\$ 4.25	51.88	\$ 220.49	-	\$ 51.88	\$ 220.49		
7 Hollow 40x40x2.8mm (SHS/RHS)		m2	\$ 3.84	-	-	23.46	23.46	\$ 9.07	-	\$ 9.07	m2	\$ 4.25	23.46	\$ 99.69	-	\$ 23.46	\$ 99.69		
8 Hollow 20x20x1.8mm (SHS/RHS)		m2	\$ 1.85	-	-	4.08	4.08	\$ 15.67	-	\$ 15.67	m2	\$ 4.25	4.08	\$ 17.34	-	\$ 4.08	\$ 17.34		
9 Hollow 20x40x2.8mm (SHS/RHS)		m2	\$ 1.85	-	-	6.12	6.12	\$ 11.32	-	\$ 11.32	m2	\$ 4.25	6.12	\$ 26.01	-	\$ 6.12	\$ 26.01		
10 Plate steel t=3 mm		m2	\$ 3.84	-	-	42.83	42.83	\$ 164.46	-	\$ 164.46	m2	\$ 4.25	42.83	\$ 182.01	-	\$ 42.83	\$ 182.01		

No.	DESCRIPTION	ORIGINAL CONTRACT							REVISED							REVISED		
		Unit	Up	Qty.	Cost		ADDITIONAL		DEDUCTIVE		REVISED		ADDITIONAL		DEDUCTION		REVISED	
					Ory	Oby.	6	7=(6)x(3)	8	9=(8)x(3)	Cost	Oby.	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)		
1		2	3	4	5=(3)x(4)		29.55	\$ 11348			\$ 4.25	29.55	\$ 125.60	-	\$ -	\$ 29.55	\$ 125.60	
11 Galvanis 2"	m2	\$ 3.84	\$ -	\$ -		15.19	\$ 563.34			\$ 58.34	m2	\$ 4.25	15.19	\$ 64.57	-	\$ -	\$ 15.19	\$ 64.57
12 Galvanis 3"	m2	\$ 3.84	\$ -	\$ -														\$ 125.60
13 Hollow 20x40x2mm (SHS/RHS)	kg	\$ 1.85	\$ -	\$ -														
14 Hollow 80x20mm (SHS/RHS)	kg	\$ 1.85	\$ -	\$ -														
15 Plastic for column protection	roll	\$ 520	\$ -	\$ -														
16 Anchor bolt 19mm-60cm	unit	\$ 7.50	\$ -	\$ -		76.00	\$ 570.00			\$ 570.00	unit	\$ 7.50	76.00	\$ 570.00				
17 Anchor bolt 19mm-60cm	unit	\$ 9.50	\$ -	\$ -		16.00	\$ 152.00			\$ 152.00	unit	\$ 9.50	16.00	\$ 152.00				
18 Plate 6mm (truss support)	kg	\$ 1.95	\$ -	\$ -		17.32	\$ 33.77			\$ 33.77	kg	\$ 2.12	17.32	\$ 36.71	-	\$ -	\$ -	
19 Plate 6mm (column support)	kg	\$ 1.95	\$ -	\$ -		48.96	\$ 95.47			\$ 95.47	kg	\$ 2.12	48.96	\$ 103.80	-	\$ -	\$ -	
20 Plate 9mm (Joint column to truss, double, 20x20 cm)	kg	\$ 1.95	\$ -	\$ -		107.39	\$ 209.41			\$ 209.41	kg	\$ 2.12	107.39	\$ 227.66	-	\$ -	\$ -	
21 Base plate 12mm, 25x25 cm	kg	\$ 2.05	\$ -	\$ -		111.86	\$ 229.32			\$ 229.32	kg	\$ 2.12	111.86	\$ 237.15	-	\$ -	\$ -	
22 Base plate 14mm, 30x30 cm	kg	\$ 2.05	\$ -	\$ -		33.91	\$ 69.52			\$ 69.52	kg	\$ 2.12	33.91	\$ 71.89	-	\$ -	\$ -	
23 Checked plate floor (tower)	kg	\$ 1.95	\$ -	\$ -		21.41	\$ 41.76			\$ 41.76	kg	\$ 2.12	21.41	\$ 45.40	-	\$ -	\$ -	
25 AC 2 PK + all accessories	unit	\$ 650.00	\$ -	\$ -		3.00	\$ 1,950.00			\$ 1,950.00	unit	\$ 567.28	3.00	\$ 1,701.84	-	\$ -	\$ -	
27 AC 1 PK + all accessories	unit	\$ 950.00	\$ -	\$ -		3.00	\$ 1,350.00			\$ 1,350.00	unit	\$ 455.48	3.00	\$ 1,365.84	-	\$ -	\$ -	
28 AC 0.5 PK + all accessories	unit	\$ 300.00	\$ -	\$ -		3.00	\$ 900.00			\$ 900.00	unit	\$ 326.48	3.00	\$ 979.44	-	\$ -	\$ -	
PART - II																		
II Additional (NEW ITEM)																		
1 Preparation & Demolishan (Pembongkaran, perapian, serta Demolishan setakalus), Concrete +reinforcement	m3	\$ 61.60	\$ -	\$ -		23.00	\$ 0.37	\$ 22.67		\$ 22.67	m3	\$ 51.33	0.37	\$ 18.89	-	\$ -	\$ -	
Frame (SHS/RHS) & zinc/seng	m2	\$ 1.04	\$ -	\$ -		192.43	\$ 242.59	\$ 252.29		\$ 252.29	m2	\$ 0.44	242.59	\$ 106.74	-	\$ -	\$ -	
Cutting/modification SHS as it's necessary for strengthening the column and beam (to combine SHS and Concrete). Find methods of implementation attach and communication with relevant The Engineer	ls	\$ 560.67	\$ -	\$ -		1.00	\$ 560.67			\$ 580.67	ls	\$ 200.00	1.00	\$ 200.00	-	\$ -	\$ -	
2 Ordinary block wall masonry [1 cement : 4 sand]	m2	\$ 13.85	\$ -	\$ -		430.00	\$ 228.15	\$ 3,159.81		\$ 3,159.81	m2	\$ 13.14	228.15	\$ 2,997.83	-	\$ -	\$ -	
3 Ordinary wall plaster - interior [1 cement : 5 sand]	m2	\$ 5.14	\$ -	\$ -		229.95	\$ 253.09	\$ 1,300.86		\$ 1,300.86	m2	\$ 5.03	253.09	\$ 1,273.02	-	\$ -	\$ -	
4 Ordinary wall plaster - exterior [1 cement : 5 sand]	m2	\$ 5.14	\$ -	\$ -		208.05	\$ 221.59	\$ 1,138.95		\$ 1,138.95	m2	\$ 5.03	221.59	\$ 1,114.57	-	\$ -	\$ -	
5 Cement render - Interior only	m2	\$ 3.19	\$ -	\$ -		229.95	\$ 253.09	\$ 807.34		\$ 807.34	m2	\$ 3.23	253.09	\$ 817.46	-	\$ -	\$ -	
6 Wall painting - Interior (plaster, prime + final 2x)	m2	\$ 4.07	\$ -	\$ -		229.95	\$ 253.09	\$ 1,030.06		\$ 1,030.06	m2	\$ 3.42	253.09	\$ 865.55	-	\$ -	\$ -	
7 Wall painting - Exterior (prime + final 2x)	m2	\$ 3.90	\$ -	\$ -		208.05	\$ 221.59	\$ 864.18		\$ 864.18	m2	\$ 1.59	221.59	\$ 352.32	-	\$ -	\$ -	
B SHS with concrete (using concrete vibrator)						-												
Concrete 25 Mpa	m3	\$ 121.46	\$ -	\$ -		3.36	\$ 2.70	\$ 328.53		\$ 328.53	m3	\$ 244.50	2.70	\$ 661.32	-	\$ -	\$ -	
Reinforced	kg	\$ 1.59	\$ -	\$ -		567.92	\$ 446.66	\$ 710.19		\$ 682.80	kg	\$ 1.45	446.66	\$ 647.66	-	\$ -	\$ -	
Formwork	m2	\$ 29.56	\$ -	\$ -		67.16	\$ 0.86	\$ 25.54		\$ 1,493.96	m2	\$ 31.90	0.86	\$ 27.56	-	\$ -	\$ -	
9 Concrete Beam (balok latal) 150x200 mm - combine SHS with concrete (using concrete vibrator)						-												
Concrete 25 Mpa	n3	\$ 121.46	\$ -	\$ -		69.00	\$ 1,109.52	\$ 206.96		\$ 206.96	m3	\$ 244.50	1.70	\$ 416.61	-	\$ -	\$ -	
Reinforced	kg	\$ 1.59	\$ -	\$ -		487.08	\$ 429.43	\$ 682.80		\$ 682.80	kg	\$ 1.45	429.43	\$ 622.68	-	\$ -	\$ -	
Formwork	n2	\$ 29.56	\$ -	\$ -		57.60	\$ 50.64	\$ 1,493.96		\$ 1,493.96	m2	\$ 50.54	5.05	\$ 50.54	-	\$ -	\$ -	
10 Ceiling Work																		
Frame 40x40, t=0.3mm (indonesian standar, best quality), PVC=t=9 mm (indonesian standard, best quality), List PVC (indonesian standard, best quality)	n'	\$ 16.98	\$ -	\$ -						\$ 1,109.52	m'	\$ 9.31	69.00	\$ 642.39	-	\$ -	\$ -	
11 Plate 4.0x10 mm (tower)	m2	\$ 1.63	\$ -	\$ -						\$ 2,596.23	m2	\$ 13.02	204.75	\$ 2,665.85	-	\$ -	\$ -	
Total Additional		\$ -								\$ 97.80	m'	\$ 2.96	60.00	\$ 177.60	-	\$ -	\$ -	
		\$ -								\$ 244.20	m2	\$ 1.90	128.95	\$ 244.20	-	\$ -	\$ -	
		\$ -								\$ 23.453.57				\$ 22,700.88	-			

No.	DESCRIPTION	ORIGINAL CONTRACT				REVISED				DEDUCTION				REVISED			
		Unit	Up	Qty.	Cost	ADDITIONAL		DEDUCTITIONAL		UNIT PRICE (US\$)	UNIT	REVISED AMOUNT COST	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)
						Qty.	Cost	Qty.	Cost								
1		2	3	4	5= (3)x(4)	6	7= (6)x(3)	8	9= (8)x(3)	\$ 13,512.08	\$ 73,013.63	\$ 39,616.14	\$ 13,512.08	-	\$ 72,260.94	-	-
	GRAND TOTAL MEETING ROOM WORKS				\$ 46,156.87												
5	POST AND SERVICE ROOM																
A	PREPARATION WORKS																
1	Site clearing start and finish the work	m ²	2.75	108.00	\$ 297.00	108.00	-	\$ 243.00	\$ 243.00	m ²	\$ 275	-	\$ -	-	\$ -	\$ -	\$ -
2	Bouwpak	ls	243.00	1.00	\$ 243.00	1.00	-	\$ 243.00	\$ 243.00	ls	\$ 243.00	-	\$ -	-	\$ -	\$ -	\$ -
3	Water for works	ls	257.00	1.00	\$ 257.00	1.00	-	\$ 257.00	\$ 257.00	ls	\$ 257.00	-	\$ -	-	\$ -	\$ -	\$ -
4	Electrical for works	ls	285.00	1.00	\$ 285.00	1.00	-	\$ 285.00	\$ 285.00	ls	\$ 285.00	-	\$ -	-	\$ -	\$ -	\$ -
	Total Preparation work				\$ 1,082.00												
B	EARTH, Stone and Sand work																
1	Excavation foundation	m ³	9.39	5.18	\$ 48.64	16.01	10.83	\$ 101.73	-	m ³	\$ 9.39	-	\$ -	-	\$ -	\$ -	\$ -
2	Sand filling under foundation	m ³	13.66	0.32	\$ 4.43	4.80	4.47	\$ 6.11	-	m ³	65.54	-	\$ -	-	\$ -	\$ -	\$ -
3	Lean concrete for footplate	m ³	13.66	0.32	\$ 4.43	0.32	0.32	\$ 4.43	-	m ³	13.66	-	\$ -	-	\$ -	\$ -	\$ -
4	Soil Backfill	m ³	1.24	3.11	\$ 3.85	6.17	3.06	\$ 3.79	-	m ³	7.65	-	\$ -	-	\$ -	\$ -	\$ -
5	Sand filling under floor	m ³	13.66	17.69	\$ 244.38	7.85	5	\$ 10.04	\$ 137.12	m ³	124	3.06	\$ -	\$ -	\$ -	\$ -	\$ -
6	Selected material for levelling floor	m ³	20.98	4.47	\$ 93.78	63.26	56.79	\$ 1,233.50	-	m ³	10.04	\$ 137.12	\$ 7.85	\$ -	\$ -	\$ -	\$ -
	Total Earth, stone and sand work				\$ 399.50												
C	MASONRY WORK And RENDER																
1	Wall Zinc	m ²	2.75	142.00	\$ 390.50	180.00	33.00	\$ 104.50	-	m ²	\$ 2.75	-	\$ -	-	\$ -	\$ -	\$ -
2	Profile L 50x50x5mm	kg	2.00	1319.50	\$ 2,639.00	-	-	\$ 1,319.50	\$ 2,639.00	kg	\$ 2.00	-	\$ -	\$ -	\$ -	\$ -	\$ -
2a	Frame for wall installation, SHS 50x50x2mm, (external & internal)	kg	1.35	\$	-	1280.60	1,280.60	\$ 1,728.82	-								
	Total Masonry work and render				\$ 3,029.50												
FLOOR WORK																	
1	Ceramics floor 600x600 mm for main building	m ²	38.95	89.47	\$ 3,484.86	84.00	-	\$ 5.47	\$ 213.06	m ²	\$ 38.95	-	\$ -	-	\$ -	\$ -	\$ -
2	Type as drawing for floor work	m ³	144.90	4.47	\$ 647.70	8.40	-	\$ -	\$ 647.70	m ³	\$ 144.90	-	\$ -	-	\$ -	\$ -	\$ -
	Total floor work				\$ 4,132.56												
D	CONCRETE WORKS																
1	Concrete footplate 600x600 mm	m ³	244.50	1.30	\$ 316.87	1.99	-	\$ 89.39	-	m ³	316.87	\$ 244.50	-	\$ -	-	\$ -	\$ -
Concrete 25 Mpa		kg	1.25	23.40	\$ 29.25	91.08	14.58	\$ 9.30	\$ 165.09	kg	\$ 118.64	1.25	\$ 71.52	\$ 89.39	-	\$ -	\$ -
Reinforced		m ³	17.57	5.18	\$ 90.92	71.52	\$ 71.52	\$ 89.39	-	m ³	256.17	\$ 17.57	-	\$ -	\$ -	\$ -	\$ -
2	Concrete slope f150x250 mm	kg	3.11	760.40	\$ 2.94	-	\$ 0.17	\$ 40.55	\$ 719.75	m ³	244.50	-	\$ -	\$ -	\$ -	\$ -	\$ -
Concrete 25 Mpa		m ³	1.25	447.68	\$ 559.61	693.84	216.16	\$ 18.52	\$ 46.12	kg	867.30	1.25	\$ 246.16	\$ 0.17	\$ 40.65	\$ 2.94	\$ -
Reinforced		m ³	24.95	207.3	\$ 517.17	39.25	25	\$ 18.52	\$ 46.12	m ³	979.39	\$ 24.95	\$ 18.52	\$ 0.17	\$ 693.84	\$ 867.30	\$ -
3	Concrete slab 200x300 mm (S-1)	kg	1.35	813.89	\$ 629.50	-	\$ -	\$ 185.39	\$ 250.27	kg	\$ 848.98	1.35	\$ 97.32	\$ 1.35	\$ 185.39	\$ 250.27	\$ 628.50
4	Steel beam ring (SB) 80x80x2 mm	kg	1.35	44.48	\$ 559.55	511.80	97.32	\$ 131.38	-	kg	690.93	kg	\$ 1.35	\$ 97.32	\$ 131.38	\$ 690.93	\$ 690.93
5	Steel column (SC) 80x80x2 mm	kg	1.35	\$	-	-	-	\$ -	\$ -								
	Total Concrete work				\$ 3,932.67												
E	DOORS, WINDOWS And VENTILATIONS																
1	Supply and install Aluminium frame door	Unit	\$ 300.00	3.00	\$ 900.00	3.00	-	\$ -	\$ 900.00	Unit	\$ 300.00	-	\$ -	\$ -	\$ -	\$ -	\$ -
Type D-1 + accessories		Unit	\$ 200.00	1.00	\$ 200.00	1.00	-	\$ -	\$ 200.00	Unit	\$ 200.00	-	\$ -	\$ -	\$ -	\$ -	\$ -
Supply and install Aluminium frame		Unit	\$ 180.00	1.00	\$ 180.00	1.00	-	\$ -	\$ 180.00	Unit	\$ 180.00	-	\$ -	\$ -	\$ -	\$ -	\$ -
Window Type W-1 + accessories																	
	Total Doors, windows and ventilation				\$ 1,280.00												
F	ROOFING WORKS																\$ 1,280.00
1	ETR Zincalum Roofing	m ²	24.50	161.84	\$ 3,965.08	165.54	3.70	\$ 90.69	-	m ²	24.50	3.70	\$ 90.69	-	\$ -	\$ -	\$ -
2	Galv. Purfin Ø 2"	m	8.95	24.24	\$ 236.34	23.57	-	\$ -	\$ 656	m	966.60	8.95	-	\$ -	\$ 656	108.00	\$ 966.60
3	Galv. Raifer Ø 3"	m	9.75	1.00	\$ 1,000.00	1.00	-	\$ -	\$ 657	m	229.78	9.75	-	\$ -	\$ 657	23.57	\$ 229.78
4	Follow stee Ø10x250 mm	kg	5.50	97.47	\$ 536.06	97.47	-	\$ -	\$ 1,000.00	Unit	\$ 1,000.00	-	\$ -	\$ -	\$ 100	\$ 1,000.00	\$ 536.06
5	Follow steel 80x40x2 mm	kg	2.00	497.00	\$ 994.00	497.00	-	\$ -	\$ 994.00	kg	2.00	-	\$ -	\$ -	\$ 497.00	\$ 994.00	\$ 497.00
	Total Roofing work				\$ 7,698.08												
G	ELectrical WORKS																
1	Supply and install panel board weather proof (36) module good quality for connected EDTL to internal building	Unit	\$ 250.00	1.00	\$ 250.00	1.00	-	\$ -	\$ 250.00	Unit	\$ 250.00	-	\$ -	\$ -	\$ 1.00	\$ 250.00	\$ 250.00

No.	DESCRIPTION	ORIGINAL CONTRACT				REVISED				ADDITIONAL				DEDUCTION				REVISED		
		Unit	Up	Qty.	Cost	Qty	Qty.	Cost	Qty.	Cost	Unit	UNIT PRICE (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)		
1	Supply and install panel distribution weather proof (36) module good quality for connected EDTL to internal building	2	3	4	5=(3)x(4)	6	7=(6)x(3)	8	9=(8)x(3)	10=[(5+7+9)]			-	\$ -	-	\$ -	-	\$ -		
2	Supply and install philips lamp 20 watt good quality	Unit	\$ 8.50	7.00	\$ 59.50	7.00	-	\$ -	\$ -	\$ -	Unit	\$ 8.50	-	\$ -	-	\$ -	-	\$ -		
3	Supply and install power outlet	Unit	\$ 12.00	6.00	\$ 72.00	6.00	-	\$ -	\$ -	\$ -	Unit	\$ 12.00	-	\$ -	-	\$ -	-	\$ -	59.50	
4	Supply and install single switch lamp good quality	Unit	\$ 9.50	6.00	\$ 57.00	6.00	-	\$ -	\$ -	\$ -	Unit	\$ 9.50	-	\$ -	-	\$ -	-	\$ -	72.00	
5	Cable NYM 3x2.5 mm good quality for Installation electrical per room	m	\$ 4.45	300.00	\$ 1,335.00	300.00	-	\$ -	\$ -	\$ -	m	\$ 4.45	-	\$ -	-	\$ -	-	\$ -	57.00	
6	Pipe AV for installation electric	Unit	\$ 12.00	75.00	\$ 900.00	75.00	-	\$ -	\$ -	\$ -	Unit	\$ 12.00	-	\$ -	-	\$ -	-	\$ -	1,335.00	
7	Total Electrical work				\$ 2,673.50							\$ 2,673.50							\$ 900.00	
	PART - I																		2,673.50	
1	Additional (NEW ITEM)																			
	Protection Painting (Anti Karat)																			
1	Steel beam ring (SD) 80x80x2 mm	m2	\$ 3.84	-	\$ 44.48	44.48	\$ 170.80	-	\$ -	\$ 170.80	m2	\$ 4.25	\$ 44.48	\$ 189.04	-	\$ -	\$ -	\$ -		
2	Steel column (SC) 60x60x2 mm	m2	\$ 3.84	-	\$ 36.22	36.22	\$ 139.09	-	\$ -	\$ 139.09	m2	\$ 4.25	\$ 36.22	\$ 153.94	-	\$ -	\$ -	\$ -	189.04	
3	Steel column (SC) 40x60x2 mm	m2	\$ 3.84	-	\$ 5.76	5.76	\$ 21.12	-	\$ -	\$ 21.12	m2	\$ 4.25	\$ 5.76	\$ 24.48	-	\$ -	\$ -	\$ -	53.94	
4	Hollow 50x50x2mm (SHS/RHS)	m2	\$ 3.84	-	\$ 18.57	18.57	\$ 313.22	-	\$ -	\$ 313.22	m2	\$ 4.25	\$ 18.57	\$ 346.65	-	\$ -	\$ -	\$ -	24.48	
5	Calvantis 2"	m2	\$ 3.84	-	\$ 17.24	17.24	\$ 61.21	-	\$ -	\$ 61.21	m2	\$ 4.25	\$ 17.24	\$ 73.28	-	\$ -	\$ -	\$ -	346.65	
6	Calvantis 3"	m2	\$ 3.84	-	\$ 5.64	5.64	\$ 21.67	-	\$ -	\$ 21.67	m2	\$ 4.25	\$ 5.64	\$ 23.99	-	\$ -	\$ -	\$ -	73.28	
7	Plastic for column protection	roll	\$ 3.84	-	\$ 2.00	2.00	\$ 7.68	-	\$ -	\$ 7.68	roll	\$ 3.84	\$ 2.00	\$ 7.68	-	\$ -	\$ -	\$ -	23.99	
8	Anchor bolt 16mmx60cm	unit	\$ 3.84	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	unit	\$ 3.84	-	\$ -	-	\$ -	\$ -	\$ -	7.68	
9	Anchor bolt 19mmx60cm	unit	\$ 3.84	-	\$ -	\$ -	\$ -	-	\$ -	\$ -	unit	\$ 3.84	-	\$ -	-	\$ -	\$ -	\$ -		
10	Plate 6mm (truss support)	kg	\$ 3.84	-	\$ 5.47	5.47	\$ 21.00	-	\$ -	\$ 21.00	kg	\$ 2.12	\$ 5.47	\$ 11.59	-	\$ -	\$ -	\$ -		
11	Plate 6mm (column support)	kg	\$ 1.95	-	\$ 26.58	26.58	\$ 51.83	-	\$ -	\$ 51.83	kg	\$ 2.12	\$ 26.58	\$ 56.35	-	\$ -	\$ -	\$ -	11.59	
12	Plate 9mm (Joint column to truss, double, 20x20 cm)	kg	\$ 5.20	-	\$ -	\$ 107.39	107.39	\$ 558.42	-	\$ -	\$ 558.42	kg	\$ 2.12	\$ 107.39	\$ 227.66	-	\$ -	\$ -	\$ -	56.35
	PART - II																		227.66	
II	Additional (NEW ITEM)																			
1	Preparation & Demolish (Pembongkaran, perbaikan, serta pembenihan setakaius)																			
	Concrete, +reinforcement																			
	Frame (SHS /RHS) & zinc/seng																			
	Cutting/modification SHS as it's necessary for strengthening the column and beam (to combine SHS and Concrete). Find methods of implementation attach and communication with relevant The Engineer.																			
2	Ordinary block wall masonry (1 cement: 4 sand)	m2	\$ 13.85	\$ -	\$ 525.60	181.80	\$ 2,517.93	-	\$ -	\$ 2,517.93	m2	\$ 13.14	\$ 181.80	\$ 2,388.85	-	\$ -	\$ -	\$ -	181.80	
3	Ordinary wall plaster - interior (1 cement .5 sand)	m2	\$ 5.14	\$ -	\$ 303.93	230.10	\$ 1,182.71	-	\$ -	\$ 1,182.71	m2	\$ 5.03	\$ 230.10	\$ 1,157.40	-	\$ -	\$ -	\$ -	230.10	
																		\$ 200.00		

No.	DESCRIPTION	ORIGINAL CONTRACT								REVISED								
		Unit				Additional				Revised				Deduction				
		Up	Qty.	Cost	Qty.	Qty.	Cost	Cost	Qty.	Qty.	Cost	Cost	Qty.	Amount (US\$)	Qty.	Amount (US\$)	Qty.	Amount (US\$)
1	Ordinary wall plaster - exterior (1 cement : 5 sand)	2	3	4	5= (3)x(4)	6	7=(6)x(3)	8	9= (8)x(3)	10=(5+(7-9))	11	12	13	14	15	16	17	18
4	Cement render - Interior only	m2	\$ 5.14	\$ -	\$ 251.85	\$ 170.10	\$ 874.31	-	\$ 874.31	m2	\$ 5.03	\$ 170.10	\$ 855.60	-	\$ -	\$ -	170.10	\$ 855.60
5	Wall painting - Interior (diamir, prime + final 2x)	m2	\$ 3.19	\$ -	\$ 303.93	\$ 230.10	\$ 734.02	-	\$ 734.02	m2	\$ 3.23	\$ 230.10	\$ 743.22	-	\$ -	\$ -	230.10	\$ 743.22
6	Wall painting - Exterior (prime + final 2x)	m2	\$ 4.07	\$ -	\$ 303.93	\$ 240.00	\$ 976.80	-	\$ 976.80	m2	\$ 3.42	\$ 240.00	\$ 820.80	-	\$ -	\$ -	240.00	\$ 820.80
7	Concrete Column 200x200 mm - combine SHS with concrete (using concrete vibrator)	m2	\$ 3.90	\$ -	\$ 251.85	\$ 170.10	\$ 653.39	-	\$ 653.39	m2	\$ 1.59	\$ 170.10	\$ 270.46	-	\$ -	\$ -	170.10	\$ 270.46
8	Concrete Beam (Balok lantai) 150x200 mm - combine SHS with concrete (using concrete vibrator)	m3	\$ 121.46	\$ -	\$ 759	\$ 3.88	\$ 471.36	-	\$ 471.36	m3	\$ 244.50	\$ 3.88	\$ 948.86	-	\$ -	\$ -	3.88	\$ 948.86
9	Reinforced Formwork	kg	\$ 1.59	\$ -	\$ 1,983.99	\$ 582.12	\$ 925.57	-	\$ 925.57	kg	\$ 1.45	\$ 582.12	\$ 844.07	-	\$ -	\$ -	582.12	\$ 844.07
10	Concrete Beam (Balok lantai) 150x200 mm - Frame 40x40 t=0.3mm (indonesian standard, best quality), List PVC (indonesian standard, best quality)	m3	\$ 1.59	\$ -	\$ 681.26	\$ 334.30	\$ 531.66	-	\$ 531.66	m2	\$ 3.90	\$ 99.00	\$ 3158.10	-	\$ -	\$ -	99.00	\$ 3158.10
11	Ceiling Work	m2	\$ 29.56	\$ -	\$ 67.20	\$ 66.30	\$ 1,959.83	-	\$ 1,959.83	m2	\$ 39.88	\$ 66.30	\$ 2,644.04	-	\$ -	\$ -	66.30	\$ 2,644.04
12	PVC t=9 mm (Indonesian standard, best quality),	m'	\$ 16.08	\$ -	\$ 285.00	\$ 4,582.80	\$ 4,582.80	-	\$ 4,582.80	m'	\$ 9.31	\$ 285.00	\$ 2,653.35	-	\$ -	\$ -	285.00	\$ 2,653.35
13	Total Additional	m2	\$ 12.68	\$ -	\$ 108.00	\$ 1,369.44	\$ 1,369.44	-	\$ 1,369.44	m2	\$ 13.02	\$ 108.00	\$ 1,406.16	-	\$ -	\$ -	108.00	\$ 1,406.16
14	GRAND TOTAL POST AND SERVICE ROOM WORKS		\$ 24,227.81	\$ -	\$ 22,120.66	\$ 26,600.48	\$ 3,286.66	-	\$ 22,120.66		\$ 2,96	\$ 204.00	\$ 603.84	-	\$ -	\$ -	204.00	\$ 603.84
15	OVERHEAD		\$ 1	\$ -	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ 1,000.00	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ -	\$ -	1,000.00	\$ 1,000.00
16	1. Contractor site engineering	LS	\$ 1,000.00	\$ 1,000.00	\$ 800.00	\$ 1,000.00	\$ 800.00	-	\$ 800.00	LS	\$ 1,000.00	\$ 800.00	\$ 800.00	-	\$ -	\$ -	1,000.00	\$ 1,000.00
17	2. Safety equipment and first AID equipment	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ 1,000.00	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ -	\$ -	1,000.00	\$ 1,000.00
18	3. Material sampling and testing	LS	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00	-	\$ 400.00	LS	\$ 400.00	\$ 400.00	\$ 400.00	-	\$ -	\$ -	400.00	\$ 400.00
19	4. Project report and documentation	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ 1,000.00	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ -	\$ -	1,000.00	\$ 1,000.00
20	5. As build drawing	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ 1,000.00	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ -	\$ -	1,000.00	\$ 1,000.00
21	6. Project security (for 2 person)	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ 1,000.00	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	-	\$ -	\$ -	1,000.00	\$ 1,000.00
22	GROSS TOTAL FOR OVERHEAD		\$ 1	\$ -	\$ 5,200.00	\$ 280,519.09	\$ 198,757.43	-	\$ 280,519.09		\$ 5,200.00	\$ 71,707.84	\$ 407,563.68	-	\$ -	\$ -	5,200.00	\$ 407,563.68
23	A. TOTAL (1 + 2 + 3 + 4 + 5)		\$ 28,051.91	\$ 19,875.24	\$ 5,200.00	\$ 6,275.42	\$ 4,377.55	-	\$ 6,275.42		\$ 5,200.00	\$ 7,170.78	\$ 19,545.17	-	\$ -	\$ -	7,170.78	\$ 19,545.17
24	B. CONTRACTOR FEE (10% x A)		\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
25	C. OVERHEAD (6)		\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
26	D. TAX (2% x (A+B+C))		\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
27	E. TOTAL (A + B + C + D)		\$ 28,051.91	\$ 19,875.24	\$ 5,200.00	\$ 6,275.42	\$ 4,377.55	-	\$ 6,275.42		\$ 5,200.00	\$ 7,170.78	\$ 19,545.17	-	\$ -	\$ -	7,170.78	\$ 19,545.17
28			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
29			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
30			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
31			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
32			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
33			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
34			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
35			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
36			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
37			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
38			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
39			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
40			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
41			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
42			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
43			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
44			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
45			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
46			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
47			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
48			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
49			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
50			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
51			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
52			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
53			\$ 2,805.19	\$ 1,987.52	\$ 520.00	\$ 320,046.42	\$ 223,000.23	-	\$ 223,000.23		\$ 80,456.20	\$ 462,590.45	\$ 4,259.94	-	\$ -	\$ -	520.00	\$ 4,259.94
54			\$ 2,805.19	\$ 1,987.52	\$ 520.00</td													



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

Name of project : New Construction of UPF Building in Mota Masia
Location of Project : Aldeia Wetaba, Suto Lalawa Posto Adm. Tilomar, Municipio Covalima

VARIATION ORDER

SECTION NO.	DESCRIPTION	ORIGINAL CONTRACT AMOUNT (USD)	VARIATION ORDER BY OWNER AMOUNT (USD)	VARIATION ORDER BY ADN, I.P. AMOUNT (USD)
1	EXTERNAL WORKS	\$ 7.677,61	\$ 3.040,25	\$ 3.040,25
2	OFFICE WORKS	\$ 60.720,38	\$ 89.029,05	\$ 88.606,70
3	DORMITORY WORKS	\$ 146.626,31	\$ 185.078,40	\$ 182.109,16
4	MEETING ROOM	\$ 52.421,79	\$ 71.425,08	\$ 71.294,81
5	POST AND SERVICE ROOM	\$ 27.248,29	\$ 53.242,24	\$ 51.948,12
6	OVERHEAD	\$ 6.550,00	\$ 6.550,00	\$ 6.550,00
A	TOTAL (1+2+3+4+5)	\$ 294.694,38	\$ 401.815,01	\$ 396.999,04
B	CONTRACTOR FEE (10% x A)	\$ 29.469,44	\$ 40.181,50	\$ 39.699,90
C	OVERHEAD (6)	\$ 6.550,00	\$ 6.550,00	\$ 6.550,00
D	TAX (2% x (A+B+C))	\$ 6.614,28	\$ 8.970,93	\$ 8.864,98
E	TOTAL (A + B + C + D)	\$ 337.328,10	\$ 457.517,45	\$ 452.113,93

Verified by :

(Mario Gusmao Mendes)
Civil Engineer ADN, I.P.

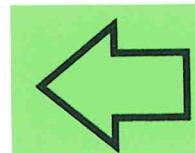
Checked By :

(Jonas Horney)
Senior Engineer. EPME/TCM - ADN, I.P.

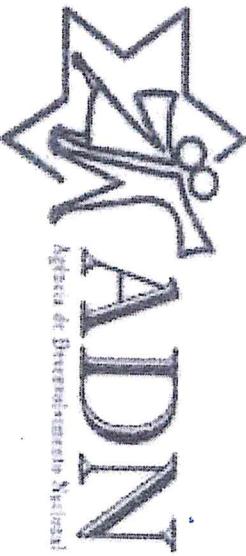
Certified By :

(Melenia da Costa Barros)
Coordenadora UAP - ADN, I.P.
3/5/2024

(Clávio M. Correia)
Electrical Engineer ADN, I.P.



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.



SUMMARY

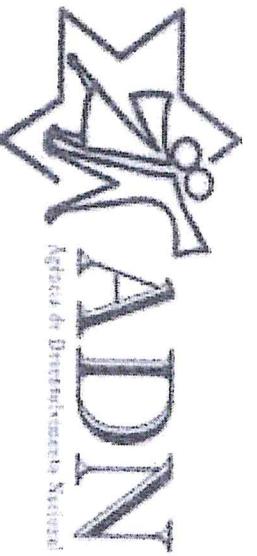
Name of project : New Construction of CIP Building in Moçambique
Location of Project : Maia Wabia, Sua Laiwa Posto Adm, Tlmenar, Municipio Covilhã

ITEM NO.	DESCRIPTION	GENERAL CONTRACT			VARIATION ORDER			GENERAL CONTRACT			VARIATION ORDER OF CONTRACT			GENERAL CONTRACT			VARIATION ORDER OF CONTRACT				
		UNIT	UNIT PRICE	QUANTITY	AMOUNT	DAILY PRICE	INCREASE(S)	DECREASE(S)	REVISED CONTRACT	UNIT PRICE	INCREASE(S)	DECREASE(S)	REVISED CONTRACT	UNIT PRICE	INCREASE(S)	DECREASE(S)	REVISED CONTRACT	UNIT PRICE	INCREASE(S)	DECREASE(S)	REVISED CONTRACT
EXTERNAL WORKS																					
1	PREPARATION WORKS																				
1	Mobilization & Demobilization	Ls	\$	100000	1.00	\$	100000	\$	100000	\$	100000	\$	100000	\$	100000	\$	100000	\$	100000	\$	100000
2	Storage for material	Ls	\$	60000	1.00	\$	60000	\$	60000	\$	60000	\$	60000	\$	60000	\$	60000	\$	60000	\$	60000
3	Drillbit kept	Ls	\$	15000	1.00	\$	15000	\$	15000	\$	15000	\$	15000	\$	15000	\$	15000	\$	15000	\$	15000
4	Match for labour	Ls	\$	90000	1.00	\$	90000	\$	90000	\$	90000	\$	90000	\$	90000	\$	90000	\$	90000	\$	90000
5	Bumpink																				
6	Temporary fence	m ²	\$	11.72	318.00	\$	457.76	\$	13.72	\$	0.00	\$	-348.00	\$	463.75	\$	0.00	\$	13.72	\$	0.00
7	Water for works	Ls	\$	30000	1.00	\$	30000	\$	30000	\$	30000	\$	30000	\$	30000	\$	30000	\$	30000	\$	30000
8	Informatics Board project	unit	\$	9025	1.00	\$	9025	\$	0.00	\$	0.00	\$	1.00	\$	300.00	\$	9025	\$	1.00	\$	300.00
9	TELE IP Preparation work																				
10	OFFICE WORKS																				
11	Site Cleaning start and finish the work	m ²	\$	14.10	320.00	\$	448.00	\$	14.10	\$	272.00	\$	300.00	\$	0.00	\$	0.00	\$	0.00	\$	0.00
12	Boauplink	Ls	\$	45000	1.00	\$	45000	\$	45000	\$	1200	\$	4500.00	\$	0.00	\$	592.00	\$	900.00	\$	828.00
13	Water for works	Ls	\$	30000	1.00	\$	30000	\$	0.00	\$	0.00	\$	2.00	\$	500.00	\$	45000	\$	0.00	\$	900.00
14	Electrical for works	Ls	\$	20000	1.00	\$	20000	\$	0.00	\$	0.00	\$	1.00	\$	300.00	\$	20000	\$	0.00	\$	300.00
15	TOtal Preparation work																				
16	EXCAVATION, STONE AND SAND WORK																				
1	Excavation foundation	m ³	\$	51.4	16.48	\$	847.1	\$	51.4	\$	87.74	\$	0.00	\$	31.55	\$	172.45	\$	51.4	\$	170.77
2	Sand filling under foundation	m ³	\$	89.3	1.36	\$	121.4	\$	89.3	\$	25.7	\$	23.80	\$	0.00	\$	4.03	\$	35.94	\$	0.93
3	Lean concrete for foot plate	m ³	\$	100.14	0.45	\$	45.05	\$	100.14	\$	0.00	\$	0.00	\$	0.45	\$	35.94	\$	0.00	\$	0.45
4	Solid Backfill	m ³	\$	17.70	9.49	\$	16.81	\$	17.70	\$	0.24	\$	0.58	\$	0.00	\$	10.23	\$	17.79	\$	170.77
5	Sand filling under floor	m ³	\$	81.93	11.20	\$	118.77	\$	81.93	\$	3.62	\$	32.30	\$	0.00	\$	16.92	\$	151.07	\$	0.75
6	Selected material for levelling floor	m ³	\$	9.30	10.60	\$	98.52	\$	9.30	\$	0.00	\$	0.25	\$	76.72	\$	91.15	\$	91.80	\$	9.30
7	Rip-up works	m ³	\$	21.61	3.64	\$	100.50	\$	27.61	\$	15.06	\$	0.00	\$	9.22	\$	25.55	\$	27.61	\$	0.25
8	Stone masonry works	m ³	\$	67.15	10.92	\$	73.20	\$	67.15	\$	1.66	\$	0.00	\$	20.70	\$	199.00	\$	67.15	\$	186.62
9	Final Earth, stone and sand work																				
10	MASONRY WORK AND RENDER																				
11	Walls/line	m ²	\$	20.02	61.60	\$	1233.32	\$	20.02	\$	0.00	\$	-	\$	31.67	\$	6.299.69	\$	30.13	\$	6.022.63
12	Profil L 50x50x5mm	kg	\$	20.0	131.92	\$	2.445.35	\$	2.09	\$	0.00	\$	-	\$	131.92	\$	2.744.56	\$	0.00	\$	131.92
13	Total Masonry work and render	kg	\$	21.15		\$	21.15	\$	18.64.57	\$	3.63.35	\$	0.00	\$	156.57	\$	3.63.39	\$	2.15	\$	156.57
14	FLOOR WORK																				
1	Ceramis floor 60x600 form in building type as drawing	m ²	\$	32.16	162.00	\$	54.42	\$	32.35	\$	60.00	\$	194.16	\$	0.00	\$	158.00	\$	53.86.48	\$	32.35
2	Ceramis floor 60x600 form in building type as drawing	m ²	\$	21.18	8.00	\$	169.44	\$	21.18	\$	0.00	\$	-	\$	169.44	\$	21.18	\$	0.00	\$	169.44
3	Concrete sloping for floor type as drawing	m ²	\$	100.14	13.20	\$	1.33.06	\$	100.14	\$	0.00	\$	-	\$	98.14	\$	1.33.72	\$	100.14	\$	0.00
4	Total floor work																				
5	CONCRETE WORKS																				
1	Concrete footpath 60x600 mm																				
2	Reinforced Concrete 25 Mpa	m ³	\$	11.16	2.00	\$	252.64	\$	121.46	\$	0.92	\$	117.12	\$	0.00	\$	314.76	\$	121.46	\$	0.92
3	Formwork	m ²	\$	19.17	9.17	\$	183.15	\$	19.57	\$	14.15	\$	75.13	\$	0.00	\$	1.202.10	\$	155.59	\$	1.202.40
4	Concrete 25 Mpa	m ³	\$	121.46	4.30	\$	531.99	\$	121.46	\$	0.75	\$	90.87	\$	0.00	\$	51.13	\$	121.46	\$	0.75
5	Concrete 25 Mpa	m ³	\$	121.46	4.30	\$	531.99	\$	121.46	\$	0.75	\$	90.87	\$	0.00	\$	51.13	\$	121.46	\$	0.75

		Reinforced Framework	Kg m ²	\$	1.59	630.50	\$	1002.50	\$	1.59	233.00	\$	371.66	0.00	\$	-	864.38	\$	1,374.36
1	Steel beam ring (50) 80x10x2 mm	Unit	kg	\$	29.56	29.19	\$	29.56	\$	29.19	1,189.23	\$	0.00	\$	-	864.38	\$	1,374.36	
2	Steel column (SC) 80x80x2 mm	Unit	kg	\$	2.15	150.56	\$	302.50	\$	21.5	0.00	\$	-	169.71	\$	2,312.87	\$	4,925.85	
3	Total (beam & column)			\$	2.15	633.92	\$	906.50	\$	2.15	493.51	\$	2,121.65	\$	3,545.27	\$	7,771.48		
F	DOORS, WINDOWS AND VENTILATIONS WORKS																		
1	Supply and install Aluminum frame door Type DW-1 + accessories	Unit	\$	1.102.45	1.00	\$	1.102.45	\$	1.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
2	Supply and install Steel frame door Type DW-3 + accessories	Unit	\$	473.40	1.00	\$	473.40	\$	1.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
3	Supply and install Steel frame door Type DW-3 + accessories	Unit	\$	502.09	1.00	\$	502.09	\$	1.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
4	Supply and install Steel frame door Type DW-4 + accessories	Unit	\$	520.98	1.00	\$	520.98	\$	1.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
5	Supply and install Aluminum frame door Type DW-4 + accessories	Unit	\$	877.38	1.00	\$	877.38	\$	1.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
6	Supply and install Aluminum frame door Type DW-4 + accessories	Unit	\$	363.30	2.00	\$	726.60	\$	363.30	0.00	\$	-	0.00	\$	-	0.00	\$	-	2.00
7	Supply and install Aluminum frame door Type DW-5 + accessories	Unit	\$	363.30	1.00	\$	363.30	\$	1.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
8	Supply and install PVC frame door Type DW-5 + accessories	Unit	\$	142.10	1.00	\$	142.10	\$	142.10	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
9	Supply and install PVC frame door Type DW-5 + accessories	Unit	\$	142.10	1.00	\$	142.10	\$	142.10	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
10	Supply and install Aluminum frame window Type WL-1 + accessories	Unit	\$	278.40	0.00	\$	344.00	\$	0.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
11	Supply and install Wooden frame ventilation Type BV-1 + accessories	Unit	\$	65.74	1.00	\$	65.74	\$	1.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
C	ROOFING WORKS																		
1	PTR Zincalum Roofing																		
2	Galv. Path g.2°																		
3	Gilt. Rint. g.3°																		
H	TRIMMING WORK																		
1	Steel Ceiling																		
2	Clothing (KCP, Frame and accessories)	Unit	m ²	\$	42.24	18.00	\$	779.32	\$	43.24	0.00	\$	-	0.00	\$	-	0.00	\$	-
3	Gilt. Path g.2°																		
4	Gilt. Rint. g.3°																		
T	TRIMMING WORK																		
1	Steel Ceiling																		
2	Clothing (KCP, Frame and accessories)	Unit	m ²	\$	54.59	12.48	\$	669.30	\$	54.59	0.00	\$	-	0.00	\$	-	0.00	\$	-
3	Gilt. Path g.2°																		
4	Gilt. Rint. g.3°																		
I	ELECTRICAL WORKS																		
1	Supply and install panel board with weather proof (15) module Prod	Unit	\$	500.91	1.00	\$	500.91	\$	500.91	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
2	Supply and install fan																		
3	Supply and install Phillips lamp 20 watt good quality	Unit	\$	107.28	3.00	\$	321.84	\$	107.28	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
4	Supply and install Phillips lamp 20 watt good quality	Unit	\$	100.03	0.00	\$	144.47	\$	100.03	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
5	Supply and install power outlet	Unit	\$	16.69	5.00	\$	53.40	\$	16.69	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
6	Supply and install single switch lamp good quality	Unit	\$	5.61	6.00	\$	32.16	\$	5.61	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
7	Supply and install double switch lamp good quality	Unit	\$	5.41	2.00	\$	10.82	\$	5.41	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
8	Cable NM 3x2 mm good quality for insulation electrical person	Unit	\$	37.72	20.00	\$	74.40	\$	37.72	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
9	Pipe AWG 1/2" for insulation electric	Unit	\$	4.95	50.00	\$	225.00	\$	4.95	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
10	Total Electrical work			\$	2,061.07		\$	2,061.07											
J	SANITATION WORK																		
1	Set & Clost. colour white + accessories	Unit	\$	273.46	1.00	\$	273.46	\$	273.46	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
2	Cring clost. colour white + accessories	Unit	\$	75.62	1.00	\$	75.62	\$	75.62	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
3	Water tank + accessories	Unit	\$	150.00	1.00	\$	150.00	\$	150.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
4	Wastef. tank + accessories include mirror to internal toilet	Unit	\$	187.71	1.00	\$	187.71	\$	187.71	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
5	Hot Shower with valve	Unit	\$	175.00	1.00	\$	175.00	\$	175.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
6	Supply and install floor drainage	Unit	\$	59.77	2.00	\$	119.54	\$	59.77	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
7	Pipe PVC AWG 3/4" for cold water pipe installation	Unit	\$	27.71	100.00	\$	2,771.00	\$	27.71	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
8	Pipe PVC AWG 3/4" for warm water pipe installation	Unit	\$	10.30	100.00	\$	1,030.00	\$	10.30	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
9	Pipe PVC dia 4" for water cooled pipe installation	Unit	\$	13.70	50.00	\$	685.00	\$	13.70	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
10	Septic tank	Unit	\$	75.00	1.00	\$	75.00	\$	75.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
11	Absorption	Unit	\$	500.00	1.00	\$	500.00	\$	500.00	0.00	\$	-	0.00	\$	-	0.00	\$	-	1.00
12	Total Sanitation work			\$	4,089.73		\$	4,089.73											
L	ADDITIONAL NEW ITEM																		
1	Protection Fanning (Final Karai)	Unit	m ²	\$	3.81	34.00	\$	123.94	\$	0.00	5	34.00	\$	132.94	\$	1.59	\$	233.00	
2	Steel beam ring (50) 80x80x2 mm	Unit	m ²	\$	3.84	51.42	\$	197.44	\$	0.00	5	51.42	\$	202.61	\$	1.59	\$	233.00	
3	Hollow 50x50x2mm (SISI) H50x50x2 mm	Unit	\$	3.84	99.65	\$	382.67	\$	0.00	5	99.65	\$	382.67	\$	1.59	\$	233.00		
4	Hollow 50x50x1.8mm	Unit	\$	3.84	11.48	\$	44.98	\$	0.00	5	11.48	\$	44.98	\$	1.59	\$	233.00		
5	Galfan 20x20x1.8mm	Unit	\$	3.84	12.23	\$	45.95	\$	0.00	5	12.23	\$	45.95	\$	1.59	\$	233.00		
6	Galfan 2"	Unit	m ²	\$	3.84	45.12	\$	173.27	\$	0.00	5	45.12	\$	173.27	\$	1.59	\$	233.00	
7	Galfan 3"	Unit	\$	3.84	20.05	\$	77.00	\$	0.00	5	20.05	\$	77.00	\$	1.59	\$	233.00		
8	Plastic for column protection	Unit	\$	5.20	50.00	\$	260.00	\$	0.00	5	50.00	\$	260.00	\$	1.59	\$	233.00		
9	Anchored bolt 6mm-6cm	Unit	\$	0.00	0.00	\$	0.00	\$	0.00	5	0.00	\$	0.00	\$	0.00	\$	0.00	\$	233.00
10	Anchored bolt 19mm-6cm	Unit	\$	0.00	0.00	\$	0.00	\$	0.00	5	0.00	\$	0.00	\$	0.00	\$	0.00	\$	233.00
11	Plate 6mm (cross support)	Unit	\$	1.95	16.60	\$	31.99	\$	0.00	5	16.60	\$	31.99	\$	1.59	\$	233.00		
12	Plate 6mm (column support)	Unit	\$	1.95	15.19	\$	30.19	\$	0.00	5	15.19	\$	30.19	\$	1.59	\$	233.00		
13	Plate 8mm (from column to truss double, 20x20mm)	Unit	\$	1.95	10.74	\$	19.89	\$	0.00	5	10.74	\$	19.89	\$	1.59	\$	233.00		
14	Base plate 17mm, 25x25mm	Unit	\$	0.00	0.00	\$	0.00	\$	0.00	5	0.00	\$	0.00	\$	0.00	\$	0.00	\$	233.00
15	Base plate 14mm, 30x30mm	Unit	\$	0.00	0.00	\$	0.00	\$	0.00	5	0.00	\$	0.00	\$	0.00	\$	0.00	\$	233.00
16	Checkered plate floor (lower)	Unit	\$	0.00	0.00	\$	0.00	\$	0.00	5	0.00	\$	0.00	\$	0.00	\$	0.00	\$	233.00

25	AC 2 PK + all accessories		unit			\$ 650,00	100	\$ 1,950,00	0,00	\$ -	3,00	\$ 1,950,00	\$ 567,28	3,00	\$ 1,701,84	0,00	\$ -			
26	AC 1 PK + all accessories		unit			\$ 450,00	300	\$ 1,350,00	0,00	\$ -	3,00	\$ 1,350,00	\$ 455,18	3,00	\$ 1,858,84	0,00	\$ -	3,00		
27	AC 0,5 PK + all accessories		unit			\$ 300,00	300	\$ 900,00	0,00	\$ -	3,00	\$ 900,00	\$ 326,48	3,00	\$ 979,44	0,00	\$ -	3,00		
I	Additional New Item Preparation & Demolish (Pembongkaran, persiapan, serta pemeliharaan strukturnya)																			
1	Concrete, reinforcement	m ³				\$ 61,60	1,15	\$ 70,96	-	0,00	\$ -	1,15	\$ 70,96	\$ 51,33	1,15	\$ 59,13	0,00	\$ -	1,15	\$ 59,13
	Frame (SIS/RHS) & incis 5cm	m ²				\$ 1,04	255,37	\$ 265,58	0,00	\$ -	255,37	\$ 265,58	\$ 0,14	255,37	\$ 112,56	0,00	\$ -	255,37	\$ 112,56	
II	Cutting/modification SIS si UIC necessary for strengthening the column and beam (to combine SIS and Corrosion Free methods of implementation attack and communication with relevant The Engineer)																			
2	Ornithy block wall/masonry (C cement, 4 sand)	m ²				\$ 13,05	217,57	\$ 3,390,35	0,00	\$ -	217,57	\$ 3,290,35	\$ 14,55	217,57	\$ 3,456,64	0,00	\$ -	217,57	\$ 3,456,64	
3	Ornithy wall plaster - interior (1 cement, 5 sand)	m ²				\$ 5,14	191,01	\$ 1,134,31	0,00	\$ -	356,87	\$ 1,884,11	\$ 5,02	356,87	\$ 1,791,99	0,00	\$ -	356,87	\$ 1,791,99	
4	Ornithy wall plaster - exterior (1 cement, 5 sand)	m ²				\$ 3,19	136,67	\$ 1,138,42	0,00	\$ -	316,07	\$ 1,138,42	\$ 3,32	316,07	\$ 1,184,11	0,00	\$ -	316,07	\$ 1,184,11	
5	Concrete render (interior only)	m ²				\$ 4,07	156,87	\$ 1,152,46	0,00	\$ -	356,87	\$ 1,452,46	\$ 3,69	356,87	\$ 1,284,73	0,00	\$ -	356,87	\$ 1,284,73	
6	Wall painting - interior (plastic prime + final 2x)	m ²				\$ 3,90	149,01	\$ 741,94	0,00	\$ -	191,01	\$ 741,94	\$ 3,60	191,01	\$ 687,64	0,00	\$ -	191,01	\$ 687,64	
7	Wall painting - exterior (prime + final 2x)	m ²																		
8	Concrete column 200x200 mm - combine SIS with concrete (concrete 10mm)	m ³				\$ 121,46	4,21	\$ 514,21	0,00	\$ -	4,23	\$ 514,21	\$ 4,23	4,23	\$ 514,21	0,00	\$ -	4,23	\$ 514,21	
	Concrete 25 Mpa	m ³				\$ 1,59	699,12	\$ 1,111,60	0,00	\$ -	649,12	\$ 1,111,60	\$ 1,59	649,12	\$ 1,111,60	0,00	\$ -	649,12	\$ 1,111,60	
	Reinforced	kg				\$ 1,59	647,20	\$ 972,48	0,00	\$ -	647,20	\$ 992,48	\$ 1,59	647,20	\$ 992,48	0,00	\$ -	647,20	\$ 992,48	
	Framework	m ²				\$ 29,56	169,70	\$ 4,986,77	0,00	\$ -	169,70	\$ 4,986,77	\$ 29,56	169,70	\$ 4,986,77	0,00	\$ -	169,70	\$ 4,986,77	
9	Concrete Beam (Deck Layer) 150x200 mm - combine SIS with concrete (concrete 10mm)	m ³				\$ 16,69	186,67	\$ 1,424,21	0,00	\$ -	88,57	\$ 1,424,21	\$ 97,71	88,57	\$ 866,01	0,00	\$ -	88,57	\$ 866,01	
	PVC (10 mm) (indonesia standard best quality)	m ²				\$ 16,68	176,00	\$ 223,68	0,00	\$ -	176,00	\$ 223,68	\$ 149,3	176,00	\$ 265,28	0,00	\$ -	176,00	\$ 265,28	
	Use PVC (Indonesia Standard, best quality)	m ²				\$ 1,63	184,60	\$ 182,34	0,00	\$ -	118,00	\$ 192,34	\$ 3,30	118,00	\$ 389,40	0,00	\$ -	118,00	\$ 389,40	
	Total Additional																			
A	GENERAL OFFICE WORKS																			
3	Insulation works																			
	B	DEMOLITION AND SAND WORK																		
1	Excavation foundation																			
2	Sand filling under foundation																			
3	Leaving concrete for footplate																			
4	Soil backfill																			
5	Sand filling under floor																			
6	Selected material for levelling floor																			
7	Reroofing works																			
8	Stone masonry works																			
	C	MAINTENANCE WORK AND RENDER																		
1	Wall Zinc	m ²				\$ 200,2	1,698,00	\$ 2,959,975	0,00	\$ -	623,14	\$ 12,475,77	\$ 874,86	\$ 1,751,69	200,2	-	\$ 623,14	\$ 12,475,77	\$ 1,751,69	
2	Profile 150x50x5mm	kg				\$ 20,0	263,90	\$ 548,912	0,00	\$ -	235,00	\$ 548,912	0,00	\$ -	\$ 20,0	-	\$ 235,00	\$ 548,912	\$ 0,00	
	Hollow 50x30x20mm (SIS/PLC)	kg				\$ 20,8	\$ 35,479,98	\$ 2,98	\$ 45,424,46	0,00	\$ 9,446,31	\$ 17,964,39	\$ 452,46	\$ 26,983,01	\$ 9,446,31	21,15	\$ 9,766,39	0,00	\$ 14,524,66	
	D	FLOOR WORK																		
1	Ground floor 60x60/60 for jointless type of paving	m ²				\$ 32,35	311,00	\$ 11,034,76	32,36	0,00	\$ -	10,00	\$ 32,36	\$ 311,00	\$ 10,116,5	\$ 32,36	-	\$ 10,00	\$ 32,36	
2	Ceramic floor tiles 60x60 for jointless type of paving	m ²				\$ 21,18	55,00	\$ 11,649,50	21,18	0,00	\$ -	5,00	\$ 11,649,50	\$ 21,18	\$ 33,00	\$ 33,00	0,00	\$ 10,211,16		
3	Concreting top layer for floor work	m ²				\$ 100,14	185,20	\$ 16,543,13	100,14	0,00	\$ -	174,18	\$ 12,433,39	\$ 41,02	\$ 4,107,74	\$ 100,14	-	\$ 17,984,39	\$ 21,720,90	
	E	CONCRETE WORKS																		
1	Concrete for plate 60x60x10 mm	m ³				\$ 121,46	3,74	\$ 45,475	121,46	0,00	\$ -	1,15	\$ 70,96	\$ 513,3	\$ 1,15	\$ 12,451,59	41,02	\$ 4,107,74		
2	Concrete shot 150x250 mm	m ³				\$ 19,57	177	\$ 347,67	19,57	0,00	\$ -	12,475,77	\$ 20,418,74	\$ 48,44	\$ 9,479,57	\$ 19,57	\$ 30,67	\$ 60,30	\$ 0,00	
	Formwork	m ²				\$ 16,65	\$ 1,294,55	\$ 121,46	0,00	\$ -	6,69	\$ 72,98	10,05	\$ 1,220,67	\$ 12,446	-	\$ 6,69	\$ 72,98	\$ 10,05	

26	AC 2 PK + all accessories	unit			\$ 650,00	3,00	\$ 1,950,00	0,00	\$ -	3,00	\$ 1,950,00	\$ 567,29	3,00	\$ 1,701,84	0,00	\$ -	3,00	\$ 1,701,84			
27	AC 1 PK + all accessories	unit			\$ 450,00	3,00	\$ 1,350,00	0,00	\$ -	3,00	\$ 1,350,00	\$ 452,28	3,00	\$ 1,065,84	0,00	\$ -	3,00	\$ 1,065,84			
28	AC 0,5 PK + all accessories	unit			\$ 300,00	3,00	\$ 900,00	0,00	\$ -	3,00	\$ 900,00	\$ 262,68	3,00	\$ 697,44	0,00	\$ -	3,00	\$ 697,44			
GES = 0																					
II ADDITIONAL Item																					
Preparation & Demolish (Pembongkaran, persiapan, serta setelahnya dilakukan)																					
Concrete, reinforcement Frame (SIS/RHS) & mazang Gulung/modifikasi SIS as strenghtening the column and beam to combine SIS and Concrete Implementation attach and communication with relevant The Engineer																					
2	Ordinary block wall masonry (1 cement : 4 sand)	unit			\$ 61,40	0,37	\$ 22,57	0,00	\$ -	3,00	\$ 1,950,00	\$ 567,29	3,00	\$ 1,701,84	0,00	\$ -	3,00	\$ 1,701,84			
3	Ordinary wall plaster: interior (1 cement : 5 sand)	m ²			\$ 1,94	1,47,5%	\$ 252,29	0,00	\$ -	242,59	\$ 252,29	\$ 0,44	242,59	\$ 106,74	0,00	\$ -	242,59	\$ 106,74			
4	Ordinary wall plaster: exterior (1 cement : 5 sand)	m ²			\$ 5,14	23,51,0%	\$ 130,98	0,00	\$ -	23,51,0%	\$ 130,98	\$ 5,02	23,51,0%	\$ 1,270,49	0,00	\$ -	23,51,0%	\$ 1,270,49			
5	Cement render: interior or only	m ²			\$ 3,19	25,51,0%	\$ 80,73	0,00	\$ -	23,51,0%	\$ 80,73	\$ 5,02	23,51,0%	\$ 111,23	0,00	\$ -	23,51,0%	\$ 111,23			
6	Wall painting - interior (Painting, priming + final 2x)	m ²			\$ 3,90	22,51,5%	\$ 103,00	0,00	\$ -	23,51,0%	\$ 103,00	\$ 3,60	23,51,0%	\$ 80,24	0,00	\$ -	23,51,0%	\$ 80,24			
7	Wall painting - exterior (priming + final 2x)	m ²			\$ 3,90	22,51,5%	\$ 86,18	0,00	\$ -	22,51,5%	\$ 86,18	\$ 3,60	22,51,5%	\$ 91,11	0,00	\$ -	22,51,5%	\$ 91,11			
8	Concrete Column 200x200 mm - contains SIS with concrete (using concrete vibrator)	Concrete Reinforced Formwork	m ³		\$ 121,46	2,70	\$ 328,53	0,00	\$ 270	\$ 328,53	\$ 121,46	2,70	\$ 328,53	0,00	\$ -	2,70	\$ 328,53				
9	Concrete Beam (Balk Beton) 150x200 mm - contains SIS with concrete (using concrete vibrator)	Concrete Reinforced Formwork	m ³		\$ 1,59	4,16,6%	\$ 710,19	0,00	\$ -	416,6%	\$ 710,19	\$ 0,00	416,6%	\$ 46,66	0,00	\$ -	46,66	\$ 710,19			
10	Calling Work	Concrete Reinforced Formwork	m ³		\$ 121,46	1,70	\$ 206,56	0,00	\$ -	1,70	\$ 206,56	\$ 121,46	1,70	\$ 206,56	0,00	\$ -	1,70	\$ 206,56			
11	PVC (Indonesia standard, best quality), frame Lis PVC (Indonesia standard, best quality)	m ²			\$ 1,59	4,17,5%	\$ 682,00	0,00	\$ -	417,5%	\$ 682,00	\$ 1,59	4,17,5%	\$ 682,00	0,00	\$ -	417,5%	\$ 682,00			
12	Plates 5 mm (1mm / lower)	m ²			\$ 29,56	5,25,1%	\$ 143,96	0,00	\$ -	50,54	\$ 143,96	\$ 29,56	5,25,1%	\$ 149,96	0,00	\$ -	5,25,1%	\$ 149,96			
13	Reinforcement	Concrete Reinforced Formwork	m ³		\$ 16,08	6,50,0%	\$ 110,92	0,00	\$ -	69,00	\$ 110,92	\$ 9,71	69,00	\$ 68,99	0,00	\$ -	6,90,0%	\$ 68,99			
14	Electrical for works	m ²			\$ 1,63	6,60,0%	\$ 97,60	0,00	\$ -	204,75	\$ 2,576,23	\$ 1,63	204,75	\$ 2,576,23	0,00	\$ -	204,75	\$ 2,576,23			
15	Total (Allround)	m ²			\$ 1,59	1,18,2,5	\$ 243,48	0,00	\$ -	60,00	\$ 97,60	\$ 3,10	60,00	\$ 198,90	0,00	\$ -	60,00	\$ 198,90			
16	TOOL, MEETING ROOM WORKS				\$ 524,21,79		\$ 38,42,26		\$ -	128,25	\$ 243,69	\$ 1,90	128,25	\$ 243,69	0,00	\$ -	128,25	\$ 243,69			
17	POST AND SERVICE ROOM				\$ 19,61,77		\$ 71,42,50		\$ -	21,16,97	\$ 21,16,97	\$ 1,90	21,16,97	\$ 24,96,51	0,00	\$ -	24,96,51	\$ 24,96,51			
18	PREPARATION WORKS				\$ 102,41,20		\$ 57,85,52		\$ -	57,85,52	\$ 57,85,52	\$ 1,67,97,72	57,85,52	\$ 18,61,07,97	0,00	\$ -	71,74,81	\$ 18,61,07,97			
19	SITE PREPARATION AND MAIN THE WORK				\$ 1,49,0	118,00	\$ 151,20	1,40	\$ 91,40	\$ 128,52	0,00	5,14	199,00	\$ 279,72	\$ 140	91,40	\$ 128,52	0,00			
20	Bouwpunkt	m ²			\$ 450,00	1,00	\$ 450,00	\$ 450,00	\$ 1,00	450,00	\$ 450,00	0,00	5,14	900,00	\$ 900,00	\$ 1,00	450,00	\$ 450,00			
21	Water for works	m ²			\$ 300,00	1,00	\$ 300,00	0,00	\$ 1,00	300,00	\$ 300,00	0,00	5,14	900,00	\$ 900,00	\$ 1,00	300,00	\$ 300,00			
22	Electrical for works	m ²			\$ 200,00	1,00	\$ 200,00	0,00	\$ 1,00	200,00	\$ 200,00	0,00	5,14	900,00	\$ 900,00	\$ 1,00	200,00	\$ 200,00			
23	EARTH, STONE AND SAND WORK				\$ 9,30	4,17,5%	\$ 4,17,5	9,30	\$ 5,55,1%	\$ 5,25,69	\$ 0,00	6,10,0	\$ 56,76	\$ 9,30	\$ 56,53	\$ 5,25,69	\$ 0,00	6,10,0	\$ 56,76		
24	Sand filling under foundation	m ³			\$ 9,30	3,22,5%	\$ 9,30	2,00	\$ 20,50	0,00	\$ -	24,0	\$ 20,50	\$ 9,30	2,00	24,0	0,00	\$ -	20,50		
25	Lean concrete for foundation	m ³			\$ 101,14	0,32	\$ 32,2	\$ 9,30	2,00	0,00	\$ -	0,00	\$ -	0,00	0,00	0,00	0,00	0,00	0,00		
26	Sand Backfill	m ³			\$ 1,70	3,15,5	\$ 3,25	\$ 10,14	0,00	1,70	\$ 1,70	\$ 1,70	0,00	0,00	0,00	0,00	0,00	0,00	0,00		
27	Sand filling under floor	m ³			\$ 8,99	1,87,9	\$ 15,77,6	\$ 9,30	0,00	5,20	\$ 0,00	\$ -	6,17	\$ 9,30	0,00	5,20	0,00	6,17	\$ 9,30		
28	Selected material for levelling floor	m ³			\$ 4,47	4,17,5	\$ 4,17,5	9,30	\$ 5,55,1%	\$ 5,25,69	\$ 0,00	8,94	\$ 8,94	\$ 4,47	\$ 5,55,1%	\$ 5,25,69	\$ 0,00	8,94	\$ 5,55,1%		
29	CEMENT FLOOR, STONE AND SAND WORK				\$ 269,90		\$ 628,52		\$ -	89,64	\$ 628,52	\$ 9,30	89,64	\$ 80,77	\$ 56,76	\$ 9,30	89,64	\$ 628,52	\$ 89,64		
30	WALL, CING	m ²			\$ 20,02	14,20	\$ 28,62,15	\$ 20,02	\$ 10,54	\$ 26,64	\$ 26,64	\$ 4,93,77,2	\$ 20,02	\$ 10,46,5	\$ 20,9,89	\$ 0,00	\$ -	10,46,5	\$ 20,9,89		
31	Profile L50x50x5mm	m ²			\$ 131,95	0,00	\$ 274,55	\$ 2,00	\$ 0,00	\$ 2,00	\$ 2,00	\$ 1,95,7	\$ 2,00	\$ 0,00	\$ 2,00	\$ 0,00	\$ -	2,00	\$ 2,00		
32	Hollow 50x50 mm (SHK/RHS)	m ²			\$ 2,08		\$ 2,08		\$ 0,00	\$ 2,08	\$ 2,08	\$ 1,95,7	\$ 2,08	\$ 0,00	\$ 2,08	\$ 0,00	\$ -	2,08	\$ 2,08		
33	Total Material work and render				\$ 5,87,40		\$ 4,75,53		\$ 0,00	\$ 2,44,56	\$ 4,75,53	\$ 2,15	120,60	\$ 2,65,56	\$ 2,15	\$ 120,60	\$ 2,75,31	\$ 120,60			
34	MASONRY WORK AND RENDER				\$ 12,16	1,10	\$ 157,41	\$ 12,16	\$ 0,64	\$ 77,69	\$ 0,00	\$ -	194	\$ 235,30	\$ 12,16	\$ 0,64	\$ 77,69	\$ 235,30			
35	Concrete toppling for floor	m ²			\$ 1,59	2,14,0	\$ 37,21	\$ 1,59	\$ 6,14,5	\$ 10,22,9	\$ 0,00	\$ -	80,05	\$ 140,00	\$ 1,59	\$ 6,45	\$ 10,22,9	\$ 0,00	\$ -	1,94	\$ 215,50
36	Concrete floor 150x250 mm	m ²			\$ 19,57	5,18	\$ 10,15	\$ 10,57	\$ 6,50	\$ 16,62,7	\$ 0,00	\$ -	13,68	\$ 267,72	\$ 19,57	\$ 35,0	\$ 16,62,7	\$ 0,00	\$ -	80,05	\$ 18,00
37	CONCRETE WORK				\$ 12,16	3,11	\$ 37,77,4	\$ 12,16	\$ 0,00	\$ 0,00	\$ -	141,20	\$ 3,107,06	\$ 12,16	\$ 1,41	\$ 141,20	\$ 0,00	\$ -	177,01	\$ 141,20	
38	Concrete footplate 60x60x60 mm	m ²			\$ 447,69	\$ 71,02	\$ 1,59	\$ 24,61,6	\$ 31,19	\$ 0,00	\$ -	20,19	\$ 35,55	\$ 12,16	\$ 0,00	\$ 20,19	\$ 35,55	\$ 12,16			
39	Steel banting (SIS) 20x20 mm	m ²			\$ 29,66	20,73	\$ 61,22,7	\$ 29,56	\$ 18,2	\$ 57,51	\$ 0,00	\$ -	69,34	\$ 1,03,21	\$ 1,59	\$ 24,61,6	\$ 31,19	\$ 0,00	\$ -	69,34	\$ 59,75
40	Steel column (SIS) 80x80x2,5 mm	m ²			\$ 18,13	18,13	\$ 1,79,98	\$ 2,15	\$ 0,00	\$ 185,39	\$ 0,00	\$ -	39,95	\$ 628,50	\$ 1,59,75	\$ 18,52	\$ 185,39	\$ 0,00	\$ -	39,95	\$ 116,31
41	Total Concretework	m ²			\$ 2,15	41,48	\$ 81,13	\$ 2,15	\$ 97,2	\$ 209,74	\$ 0,00	\$ -	511,80	\$ 1,00,37	\$ 2,15	\$ 97,2	\$ 209,74	\$ 0,00	\$ -	511,80	\$ 115,28
					\$ 4,659,34	\$ 4,659,34	\$ 1,49,56		\$ 448,77	\$ 571,65			\$ 1,49,56								



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

Name of project : New Construction of UPF Building in Kota Kinabalu
Location of Project : Alor Setar, Soco Lelau Posto Adm, Tiongkok, Município Covalima

ITEM NO.	DESCRIPTION	ORIGINAL CONTRACT						VARIATION ORDER						INCREASE(+)		DECREASE(-)	
		UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	INCREASE(+)		DECREASE(-)		UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	INCREASE(+)		DECREASE(-)	
						QUANTITY	AMOUNT	QUANTITY	AMOUNT					QUANTITY	AMOUNT	QUANTITY	AMOUNT
6	OVERHEAD																
1	Contractor fee engineering	15	\$ 2,000.00	1.00	\$ 2,000.00	5	\$ 2,800.00	0.00	\$ -	0.00	\$ -	1.00	\$ 2,800.00	5	\$ 2,800.00	0.00	\$ 2,800.00
2	Safety equipment and first AID equipment	15	\$ 500.00	1.00	\$ 500.00	5	\$ 500.00	0.00	\$ -	0.00	\$ -	1.00	\$ 500.00	5	\$ 500.00	0.00	\$ 500.00
3	Material sampling and testing	15	\$ 200.00	1.00	\$ 200.00	5	\$ 200.00	0.00	\$ -	0.00	\$ -	1.00	\$ 200.00	5	\$ 200.00	0.00	\$ 200.00
4	Project report and documentation	15	\$ 150.00	1.00	\$ 150.00	5	\$ 150.00	0.00	\$ -	0.00	\$ -	1.00	\$ 150.00	5	\$ 150.00	0.00	\$ 150.00
5	As-built drawing	15	\$ 2,000.00	1.00	\$ 2,000.00	5	\$ 2,400.00	0.00	\$ -	0.00	\$ -	1.00	\$ 2,400.00	5	\$ 2,400.00	0.00	\$ 2,400.00
6	Project security (for 7 person)	15	\$ 6,550.00	1.00	\$ 6,550.00	5	\$ 6,550.00	0.00	\$ -	0.00	\$ -	1.00	\$ 6,550.00	5	\$ 6,550.00	0.00	\$ 6,550.00
	TOTAL OVERHEAD																



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

Project Owner : Ministério do Interior
 Project Title : New Construction of U.P.F Building
 Project Location : Oequesse, Oecusse - Timor Leste
 Total Floor Area : 884 m²
 Contractor : Lifau Indah Unipessoal Lda
 Contract No. : NCB/086/MI-2021
 Contract Value : \$ 343,223.25

SUMMARY OF VARIATION ORDER

NO	DESCRIPTION OF WORKS	REVISED			REVISED AMOUNT COST	VERIFIED BY ADN, I.P		
		ORIGINAL	ADDITIONAL	DEDUCTITIONAL		ADDITIONAL AMOUNT (US\$)	DEDUCTION AMOUNT (US\$)	REVISED AMOUNT (US\$)
1	EXTERNAL WORKS	\$ 8,601.00	\$ -	\$ -	\$ 8,601.00	\$ -	\$ -	\$ 8,601.00
2	OFFICE WORKS	\$ 60,729.35	\$ 42,901.97	\$ 12,592.43	\$ 91,038.89	\$ 43,212.21	\$ 12,592.43	\$ 91,349.13
3	DORMITORY WORKS	\$ 152,184.32	\$ 87,443.43	\$ 46,343.74	\$ 193,284.02	\$ 83,796.22	\$ 46,343.74	\$ 189,636.81
4	MEETING ROOM	\$ 52,290.12	\$ 39,758.31	\$ 14,656.95	\$ 77,391.48	\$ 39,102.77	\$ 14,656.95	\$ 76,735.94
5	POST AND SERVICE ROOM	\$ 27,189.19	\$ 30,014.21	\$ 3,404.85	\$ 53,798.55	\$ 28,288.01	\$ 3,404.85	\$ 52,072.35
6	OVERHEAD	\$ 5,400.00	\$ -	\$ -	\$ 5,400.00	\$ -	\$ -	\$ 5,400.00
A	TOTAL {1+2+3+4+5}	\$ 300,993.99	\$ 200,117.92	\$ 76,997.97	\$ 424,113.94	\$ 194,399.21	\$ 76,997.97	\$ 418,395.23
B	CONTRACTOR FEE (10% x A)	\$ 30,099.40	\$ 20,011.79	\$ 7,699.80	\$ 42,411.39	\$ 19,439.92	\$ 7,699.80	\$ 41,839.52
C	OVERHEAD (6)	\$ 5,400.00	\$ -	\$ -	\$ 5,400.00	\$ -	\$ -	\$ 5,400.00
D	TAX (2% x (A+B+C))	\$ 6,729.87	\$ 4,402.59	\$ 1,693.96	\$ 9,438.51	\$ 4,276.78	\$ 1,693.96	\$ 9,312.69
E	TOTAL {A+B+C+D}	\$ 343,223.25	\$ 224,532.31	\$ 86,391.72	\$ 481,363.84	\$ 218,115.91	\$ 86,391.72	\$ 474,947.44

Verified By :

Augusta da Costa Ferreira
 ADN, IP Engineer

Angelita da Costa
 ADN, IP Engineer

Checked By :

Jophanes Hornay
 Senior Engineer, EPMEITCM - ADN,IP

Certified By :

Eng. Melenia da Costa Barros
 Coordenadora, UAP - ADN,IP



Project Owner	Ministério do Interior
Project Title	New Construction of U.P.F. I
Project Location	East Timor
Total Floor Area	384 m ²
Contractor	Devolio - Unipessoal Lda
Contract No.	NUBY/086/MT-2021
Contract Value	\$ 343,223.25
CONTRACT STATUS	Active

VARIATION ORDER

No.	DESCRIPTION	ORIGINAL				REVISED				VERIFIED BY ADN.I.P				
		Unit	Up	Qty.	Cost	Qty.	Cost	Qty.	Cost	REVISED AMOUNT COST	UNIT PRICE (US\$)	ADDITIONAL UNIT PRICE (US\$)	DEDUCTION	REVISED
1	PVC t=9 mm (Indonesian standard, best quality), List PVC (Indonesian standard, best quality)	m ²	\$ 12.69			176.00	\$ 2,231.68			\$ 2,231.68	m ²	\$ 12.91	176.00	\$ 2,272.16
2	Bouwplank	m ²	\$ 1.63			118.00	\$ 192.34			\$ 192.34	m ²	\$ 2.96	118.00	\$ 349.28
3	Water for works	m ³	\$ 200.00	1.00	\$ 200.00	-	\$ -	-	\$ -	\$ 32,635.54	m ³	\$ 32,635.54	\$ -	\$ -
4	Electrical for works	m ³	\$ 200.00	1.00	\$ 200.00	-	\$ -	-	\$ -	\$ 12,592.43	m ³	\$ 12,592.43	\$ -	\$ 91,349.13
5	Total Preparation work				\$ 1,506.40									
A	PREPARATION WORKS													
1	Site clearing start and finish the work	m ²	\$ 1.20	572.00	\$ 805.40	-	\$ -	-	\$ -	\$ 805.40	m ²	\$ 1.20	-	\$ -
2	Bouwplank	m ²	\$ 300.00	1.00	\$ 300.00	-	\$ -	-	\$ -	\$ 300.00	m ²	\$ 300.00	-	\$ -
3	Water for works	m ³	\$ 200.00	1.00	\$ 200.00	-	\$ -	-	\$ -	\$ 200.00	m ³	\$ 200.00	-	\$ -
4	Electrical for works	m ³	\$ 200.00	1.00	\$ 200.00	-	\$ -	-	\$ -	\$ 200.00	m ³	\$ 200.00	-	\$ -
B	EARTH, Stone and Sand work				\$ 1,506.40									
1	Excavation foundation	m ³	\$ 5.00	14.98	\$ 74.88	51.52	\$ 257.60	-	\$ -	\$ 332.48	m ³	\$ 5.00	51.52	\$ 257.60
2	Sand filling under foundation	m ³	\$ 11.50	0.93	\$ 10.70	7.03	\$ 80.86	-	\$ -	\$ 91.55	m ³	\$ 11.50	7.03	\$ 80.86
3	Lean concrete for footplate	m ³	\$ 130.00	0.93	\$ 120.90	-	\$ -	-	\$ -	\$ 120.90	m ³	\$ 130.00	-	\$ -
4	Son Bakfill	m ³	\$ 1.50	8.99	\$ 13.48	11.31	\$ 16.96	-	\$ -	\$ 30.44	m ³	\$ 1.50	11.31	\$ 16.96
5	Sand filling under floor	m ³	\$ 11.50	165.20	\$ 1,899.80	-	\$ -	-	\$ -	\$ 1,470.65	m ³	\$ 11.50	127.88	\$ 1,470.65
6	Selected material for levelling floor	m ³	\$ 11.50	206.65	\$ 237.48	247.44	\$ 2,845.51	-	\$ -	\$ 3,082.99	m ³	\$ 11.50	247.44	\$ 2,845.51
7	Rip-up works	m ³	\$ 5.00	25.00	\$ 68.00	170.44	\$ 4,444	-	\$ -	\$ 201.00	m ³	\$ 25.00	4,444	\$ 268.09
8	Stone masonry works	m ³	\$ 60.00	7.65	\$ 459.00	82.54	\$ 4,952.56	-	\$ -	\$ 5,411.56	m ³	\$ 60.00	82.54	\$ 4,952.56
C	MASONRY WORK and RENDER				\$ 2,986.23		\$ 8,264.49			\$ 9,270.06				
1	Wall Zinc	m ²	\$ 20.00	149.80	\$ 29,960.00	-	\$ -	-	\$ -	\$ 1,470.65	m ²	\$ 20.00	-	\$ -
2	Profile L 50x50x5mm	kg	\$ 2.00	2,639.00	\$ 5,278.00	-	\$ -	-	\$ -	\$ 633.14	m ²	\$ 12,462.81	\$ 874.86	\$ 17,497.19
2a	Frame for wall installation, SHS 50x50x2.5mm (external & internal)	m ²	\$ 2.25			4,542.46	\$ 10,220.53	-	\$ -	\$ 1,237.50	m ²	\$ 2.25	4,542.46	\$ 10,220.53
FLOOR WORK					\$ 35,238.00		\$ 10,220.53			\$ 17,740.81				
1	Ceramis floor 600x600 for main building type as drawing	m ²	\$ 35.00	341.00	\$ 11,935.00	-	\$ -	-	\$ -	\$ -	m ²	\$ -	\$ -	\$ 9,780.06
2	Ceramis floor tiles 200x200 for toiles type as drawing	m ²	\$ 22.50	55.00	\$ 1,237.50	-	\$ -	-	\$ -	\$ 1,237.50	m ²	\$ 22.50	-	\$ 1,237.50
3	Concrete topping for floor work	m ³	\$ 150.00	165.20	\$ 21,476.00	-	\$ -	-	\$ -	\$ 126.60	m ³	\$ 130.00	-	\$ 126.60
D	CONCRETE WORKS				\$ 34,648.50		\$ 16,808.00			\$ 17,840.50				
1	Concrete footplate 600x600 mm													
2	Concrete 25 Mpa	m ³	\$ 150.50	3.74	\$ 562.87	3.68	\$ 553.87	-	\$ -	\$ 1,116.74	m ³	\$ 150.50	3.68	\$ 553.87
3	Reinforced	kg	\$ 1.50	164.126	\$ 2,461.89	-	\$ -	-	\$ -	\$ 1,153.33	m ³	\$ 1730.15	\$ 731.74	\$ 742.40
4	Formwork	m ²	\$ 20.00	17.77	\$ 355.40	45.58	\$ 911.53	-	\$ -	\$ 1,266.93	m ²	\$ 20.00	45.58	\$ 911.53
2	Concrete shot 150x250 mm	m ³	\$ 150.50	10.65	\$ 1,602.83	-	\$ -	-	\$ -	\$ 0.60	m ³	\$ 90.30	-	\$ 0.60
3	Concrete 25 Mpa	m ³	\$ 150.50	153.07	\$ 2,299.60	-	\$ -	-	\$ -	\$ 1,512.53	m ³	\$ 150.50	-	\$ 1,512.53
4	Reinforced	kg	\$ 1.50	30.00	\$ 461.90	21.97	\$ 1,299.47	63.02	\$ -	\$ 4,020.00	kg	\$ 1.50	30.02	\$ 1,890.53
3	Formwork	m ²	\$ 30.00	174.032	\$ 3,916.84	200.04	\$ 4,500.08	-	\$ -	\$ 2,056.38	\$ 6,436.92	kg	\$ 2.25	\$ 2,000.04
E	DOORS, WINDOWS And VENTILATIONS									\$ 8,263.73		\$ 18,010.46		\$ 3,806.01
1	Supply and install Aluminium frame door Type DW-1 + accessories	Unit	\$ 1,000.00	1.00	\$ 1,000.00	-	\$ -	-	\$ -	\$ -				
2	Supply and install Aluminium frame door Type D-1 + accessories	Unit	\$ 800.00	2.00	\$ 1,600.00	-	\$ -	-	\$ -	\$ 1,000.00				\$ 1,000.00
3	Supply and install Aluminium frame door Type D-1 + accessories	Unit	\$ 350.00	5.00	\$ 1,750.00	-	\$ -	-	\$ -	\$ 1,750.00				\$ 2,000.00
4	Supply and install Aluminium frame door Type D-1 + accessories	Unit	\$ 350.00	5.00	\$ 1,750.00	-	\$ -	-	\$ -	\$ 1,750.00				\$ 1,750.00
5	Supply and install PVC frame door Type D-4 + accessories	Unit	\$ 125.00	1.00	\$ 125.00	-	\$ -	-	\$ -	\$ 125.00	Unit	\$ 125.00	-	\$ 5.00
6	Supply and install PVC frame door Type D-5 + accessories	Unit	\$ 125.00	3.00	\$ 375.00	-	\$ -	-	\$ -	\$ 375.00	Unit	\$ 125.00	-	\$ 1.00
7	Supply and install Aluminium frame door Type D-6 + accessories	Unit	\$ 700.00	5.00	\$ 3,500.00	-	\$ -	-	\$ -	\$ 3,500.00	Unit	\$ 700.00	-	\$ 5.00
7	Supply and install Aluminum frame window Type W-1 + accessories	Unit	\$ 300.00	19.00	\$ 5,700.00	-	\$ -	-	\$ -	\$ 5,700.00	Unit	\$ 300.00	-	\$ 19.00
8	Supply and install Wooden frame ventilation Type BV-1 + accessories	Unit	\$ 65.00	6.00	\$ 390.00	-	\$ -	-	\$ -	\$ 390.00	Unit	\$ 65.00	-	\$ 6.00

NO.	DESCRIPTION	ORIGINAL				REVISED				UNIT PRICE (US\$)	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	QTY	AMOUNT (US\$)	
		Unit	Up	Qty.	Cost	Qty.	Cost	Qty.	Cost									
	1		2	\$ 3.00	4	5=(3)(4)		6	7=(6)(3)	8.00	9=(8)(3)	10=(5+(7)-(9))		16,190.00				16,190.00
F	ROOFING WORKS									\$	-	\$	16,190.00					\$ 16,190.00
1	ETR Zincalum Roofing	m ²	\$ 20.00	504.00	\$ 10,080.00					103.03	\$ 2,060.55	\$ 8,019.45	m ²	\$ 20.00				\$ 103.03
2	Galv. Rafter Ø 3"	m	\$ 15.00	617.31	\$ 9,259.42	0.49	\$ 7.38	-										103.03
3	Galv. Rafter Ø 3"	m	\$ 25.00	174.26	\$ 4,356.40	37.59	\$ 939.83	-										2,060.55
	Total Roofing work																	22,582.68
G	CEILING WORK																	947.21
1	Canopy (ACP frame and accessories)	m ²	\$ 50.00	9.60	\$ 480.00	-												2,060.55
	Total Ceiling work																	480.00
H	ELECTRICAL WORKS																	480.00
1	Supply and install panel board weather proof (3G) module good quality for connected EDTL to internal building	Unit	\$ 500.00	1.00	\$ 500.00	-												500.00
2	Supply and install panel distribution weather proof of (3G) module good quality for connected EDTL to internal building	Unit	\$ -	0.00	\$ -	-											0.00	
3	Supply and install fan	Unit	\$ 10,000	9.00	\$ 90,000	-											9,000	
4	Supply and install philips lamp 20 watt good quality	Unit	\$ 15.00	26.00	\$ 390.00	-											390.00	
5	Supply and install philips lamp 10 watt good quality	Unit	\$ 10.50	6.00	\$ 63.00	-											63.00	
6	Supply and install power outlet electrical per room	Unit	\$ 5.00	9.00	\$ 45.00	-											45.00	
7	Supply and install single switch lamp good quality	Unit	\$ 5.00	18.00	\$ 90.00	-											90.00	
8	Supply and install double switch lamp good quality	Unit	\$ 5.00	1.00	\$ 5.00	-											5.00	
9	Cable NYM 3x2.5 mm good quality for installation	m	\$ 3.50	300.00	\$ 1,050.00	-											1,050.00	
10	Pipe AV for installation electric	Unit	\$ 4.00	75.00	\$ 300.00	-											300.00	
	Total Electrical work					\$ 3,343.00	-										75.00	
I	SANITATION WORK																	3,343.00
1	Seat closet colour white + accessories	Unit	\$ 300.00	12.00	\$ 3,600.00	-											12.00	
2	Urinal colour white + accessories	Unit	\$ 300.00	5.00	\$ 1,500.00	-											5.00	
3	Wastefel + accessories include mirror to internal toilet	Unit	\$ 200.00	9.00	\$ 1,800.00	-											1,800.00	
4	Zinc Shower with valve	Unit	\$ 175.00	2.00	\$ 350.00	-											9.00	
5	Supply and install filter drainate	Unit	\$ 6.50	12.00	\$ 78.00	-											350.00	
6	Pipe PVC AW dia 0.5" for cold water pipe installation	m	\$ 2.50	100.00	\$ 250.00	-											78.00	
7	Pipe PVC dia. 3" for waste water pipe installation	m ²	\$ 11.00	100.00	\$ 1,100.00	-											100.00	
8	Pipe PVC dia. 4" or water closed pipe installation	m ²	\$ 15.00	50.00	\$ 750.00	-											500.00	
9	Septic tank	Unit	\$ 600.00	2.00	\$ 1,200.00	-											1,200.00	
10	Absorption	Unit	\$ 500.00	2.00	\$ 1,000.00	-											2,000.00	
	Total Sanitation work					\$ 11,628.00	-										11,628.00	
PART - I																		
I	Additional New Item																	
	<i>Protection Painting (Anti Korat)</i>																	
1	Steel beam ring (GB) 80x80x2.5 mm	m ²	\$ 3.84	84.80	\$ 325.63	-												
2	Steel column (SC) 80x80x2.5 mm	m ²	\$ 3.84	137.36	\$ 527.45												84.80	
3	Hollow 50x50x2.5mm (SJS/RHS)	m ²	\$ 3.84	209.33	\$ 1,111.02												339.20	
4	Hollow 40x40x2.5mm	m ²	\$ 3.84	384.40	\$ 147.46												549.43	
5	Hollow 20x40x2.5mm	m ²	\$ 3.84	23.52	\$ 90.32												137.36	
6	Hollow 20x20x1.8mm	m ²	\$ 3.84	6.40	\$ 24.48												289.33	
7	Galvanis 2"	m ²	\$ 3.84	98.64	\$ 378.76												1,157.31	
8	Galvanis 3"	m ²	\$ 3.84	50.73	\$ 194.82												389.33	
9	Plastic for column protection	roll	\$ 5.20	8.00	\$ 41.60	-											153.60	
10	Anchor bolt 16mm-60cm	unit	\$ 9.50	-	\$ -												23.52	
11	Anchor bolt 19mm-60cm	unit	\$ 9.50	-	\$ -												94.08	
12	Plate 6mm (truss support)	kg	\$ 1.95	-	\$ -												25.60	
13	Plate 6mm (column support)	kg	\$ 1.95	43.75	\$ 85.31												64.00	
14	Plate 9mm (joint column to truss, double, 20x20 cm)	kg	\$ 1.95	67.15	\$ 130.93												98.64	
15	Base plate 12mm, 25x25 cm	kg	\$ 2.05	-	\$ -												98.64	
16	Base plate 14mm, 30x30 cm	kg	\$ 2.05	-	\$ -												98.64	
17	Base plate 14mm, 30x30 cm (Chequer plate floor tower)	kg	\$ 1.95	-	\$ -												98.64	

NO.	DESCRIPTION	ORIGINAL				REVISED				VERIFIED BY ADN. IP				
		Unit	Up	Qty.	Cost	Qty.	Cost	Qty.	Cost	REVISED UNIT	UNIT PRICE (US\$)	ADDITIONAL	DEDUCTION	REVISED
1		2	\$ 3.00	4	5=(3)(4)	6	7=(6)(3)	8.00	9=(8)(3)	10=(5+(7-9))				
26	AC 2 PK + all accessories	unit	\$ 650.00			3.00	\$ 1,950.00	-	\$ -	\$ 1,950.00	unit	\$ 567.28	3.00	\$ 1,701.84
27	AC 1 PK + all accessories	unit	\$ 450.00			3.00	\$ 1,350.00	-	\$ -	\$ 1,350.00	unit	\$ 455.28	3.00	\$ 1,305.84
28	AC 0.5 PK + all accessories	unit	\$ 300.00			3.00	\$ 900.00	-	\$ -	\$ 900.00	unit	\$ 326.48	3.00	\$ 979.44
PART - II														
II Additional New Item														
1	Preparation & Demolish (Pembongkaran, pelepasan serta pembersihan setiap lapis)	m3	\$ 61.60			3.20	\$ 197.12	-	\$ -	\$ 197.12	m3	\$ 51.33	3.20	\$ 164.26
	Concrete, reinforcement	m2	\$ 1.04								m2	\$ 0.94		
	Cutting/modification SHS as it's necessary for strengthening the column and beam (to combine SHS and Concrete). Find methods of implementation attach and communication with relevant The Engineer	1.5	\$ 580.67			1.00	\$ 580.67	-	\$ -	\$ 580.67	LS	\$ 200.00	1.00	\$ 200.00
2	Ordinary block-wall/masonry (1 cement:4 sand)	m2	\$ 13.85			618.35	\$ 8,564.15	-	\$ -	\$ 8,564.15	m2	\$ 13.14	618.35	\$ 8,125.12
3	Ordinary wall blaster - interior (1 cement: 5 sand)	m2	\$ 5.14			963.50	\$ 4,952.39	-	\$ -	\$ 4,952.39	m2	\$ 5.03	963.50	\$ 4,846.41
4	Ordinary wall plaster - exterior (1 cement: 5 sand)	m2	\$ 5.14			352.79	\$ 1,813.31	-	\$ -	\$ 1,813.31	m2	\$ 5.03	352.79	\$ 1,774.51
5	Cement render - interior only	m2	\$ 3.19			862.00	\$ 2,749.78	-	\$ -	\$ 2,749.78	m2	\$ 3.23	862.00	\$ 2,784.26
6	Wall painting - Interior (plaster, prime + final 2x)	m2	\$ 4.07			860.25	\$ 3,501.22	-	\$ -	\$ 3,501.22	m2	\$ 3.42	860.25	\$ 2,942.06
7	Wall painting - Exterior (prime + final 2x)	m2	\$ 3.90			312.79	\$ 1,375.86	-	\$ -	\$ 1,375.86	m2	\$ 1.59	312.79	\$ 560.93
8	Concrete Column 200x200 mm - combining SHS with concrete (using concrete vibrator)	m3	\$ 121.46			11.76	\$ 1,428.37	-	\$ -	\$ 1,428.37	m3	\$ 150.50	11.76	\$ 1,769.88
	Concrete 25 Mpa Reinforced	m3	\$ 1.59			1,432.76	\$ 2,278.09	-	\$ -	\$ 2,278.09	kg	\$ 1.50	1,432.76	\$ 2,169.14
	Formwork	m2	\$ 29.56			168.70	\$ 4,986.77	-	\$ -	\$ 4,986.77	m2	\$ 31.90	168.70	\$ 5,381.53
9	Concrete Beam (balok lateral) 150x200 mm - combine SHS with concrete (using concrete vibrator)	m3	\$ 121.46			5.69	\$ 690.82	-	\$ -	\$ 690.82	m3	\$ 150.50	5.69	\$ 855.98
	Reinforced	m2	\$ 1.59			1,432.76	\$ 2,278.09	-	\$ -	\$ 2,278.09	kg	\$ 1.50	1,432.76	\$ 2,149.14
	Formwork	m2	\$ 29.56			168.70	\$ 4,986.77	-	\$ -	\$ 4,986.77	m2	\$ 39.88	168.70	\$ 6,727.76
10	Celing Work													
	Frame 40x40, t=0.3mm (Indonesian standard, best quality)	m ²	\$ 16.08			600.00	\$ 9,648.00			\$ 9,648.00	m ²	\$ 9.31	600.00	\$ 5,586.00
	PVC C t=9 mm (Indonesian standard, best quality)	m ²	\$ 12.68			386.00	\$ 4,894.48			\$ 4,894.48	m ²	\$ 12.91	386.00	\$ 4,983.26
	List PVC (Indonesian standard, best quality)	m ²	\$ 1.63			494.00	\$ 805.22			\$ 805.22	m ²	\$ 2.95	494.00	\$ 1,462.24
	Total Additional		\$ -			\$ 64,205.19				\$ 64,205.19		\$ -		\$ 494.00
4	GRAND TOTAL - DORMITORY		\$ 152,184.32			\$ 87,443.43				\$ 46,343.74		\$ 193,284.02		\$ 83,796.22
														\$ 46,343.74
A PREPARATION WORKS														
1	Site clearing start and finish the work	m2	\$ 1.20			202.50	\$ 243.00	-	\$ -	\$ 243.00	m2	\$ 1.20	-	\$ -
2	Bowplank	m3	\$ 300.00			1.00	\$ 300.00	-	\$ -	\$ 300.00	LS	\$ 200.00	-	\$ -
3	Water for works	m3	\$ 200.00			1.00	\$ 200.00	-	\$ -	\$ 200.00	LS	\$ 200.00	-	\$ -
4	Electrical for works	m3	\$ 200.00			\$ 943.00				\$ 943.00				
	Total Preparation work													
B EARTH, STONE AND SAND WORK														
1	Excavation foundation	m3	\$ 5.00			7.52	\$ 37.60	19.51	\$ 97.55	-	\$ -	135.15	m3	\$ 5.00
2	Sand filling under foundation	m3	\$ 11.50			0.47	\$ 5.41	2.52	\$ 28.98	-	\$ -	34.39	m3	\$ 11.50
3	Lean concrete for footplate	m3	\$ 130.00			0.47	\$ 61.10	-	\$ 0.03	\$ 61.10	LS	\$ 57.20		\$ 28.98
4	Soil backfill	m3	\$ 1.70			4.51	\$ 7.67	3.50	\$ 5.94	-	\$ -	13.61	m3	\$ 1.70
5	Sand filling under floor	m3	\$ 11.50			6.73	\$ 77.40	5.85	\$ 67.30	-	\$ -	144.69	m3	\$ 11.50
6	Selected material for levelling floor	m3	\$ 25.00			59.26	\$ 81.49	208.83	\$ 2,401.50	-	\$ -	3,082.99	m3	\$ 11.50
7	Rip-Rap works	m3	\$ 1.40			35.00	\$ 6.00	150.00	-	\$ -	\$ 185.00	LS	\$ 1.40	
8	Stone masonry works	m3	\$ 60.00			0.75	\$ 45.60	50.67	\$ 3,000.07	-	\$ -	2,248.00	kg	\$ 2.25
	Total Earth, stone and sand work													
C MASONRY WORK and RENDER														
1	Wall Zinc	m2	\$ 20.00			714.00	\$ 14,280.00	-	\$ -	\$ 14,280.00	kg	\$ 2.00	-	\$ -
2	Frame for wall installation, SHS 50x50x2mm (external & internal)	kg	\$ 2.00			1319.50	\$ 2,639.00	-	\$ -	\$ 2,639.00	kg	\$ 2.00	-	\$ -
2a						999.11	\$ 2,248.00	-	\$ -	\$ 2,248.00	kg	\$ 2.25	999.11	\$ 2,248.00

NO.	DESCRIPTION	ORIGINAL				REVISED				VERIFIED BY ADNL.I.P			
		Unit	Up	Qty.	Cost	Qty.	Cost	Qty.	Cost	UNIT PRICE (US\$)	AMOUNT (US\$)	DEDUCTION	REVISED
1	Total Masonry work and render	Unit	\$ 3.00	4	\$ 5=(3)(4)	6	\$ 2,248.00	8.00	\$ 9,470.50	\$ 10=(5+(7)-9)	\$ 9,696.50		
D FLOOR WORK					\$ 16,919.00				\$ 2,240.00		\$ 9,470.50		\$ 9,696.50
1 Ceramist floor 600x600 for main building type as drawing		m2	\$ 35.00	142.00	\$ 4,970.00	-	\$ 11.50	\$ 402.50	\$ 4,567.50	m2	\$ 35.00	-	\$ 4,567.5
2 Concrete toppling for floor work		m3	\$ 130.00	6.73	\$ 874.90	6.32	\$ 821.60	-	\$ 1,694.50	m3	\$ 130.00	6.32	\$ 821.60
E CONCRETE WORKS					\$ 5,844.00				\$ 402.50	\$ 6,264.00			
1 Concrete footplate 600x600 mm													
Concrete 25 MPa		m3	\$ 150.50	1.37	\$ 205.98	0.99	\$ 148.87	-	\$ 354.76	m3	\$ 150.50	0.99	\$ 148.87
Reinforced	kg	\$ 150	599.69	899.54	-	\$ 396.53	\$ 594.80	\$ 304.74	kg	\$ 150.50	-	\$ 396.53	\$ 594.80
Formwork	m2	\$ 2,000	6.49	\$ 129.92	15.26	\$ 305.28	-	\$ 435.10	m2	\$ 2,000	15.26	\$ 305.28	
2 Concrete footplate 800x800 mm					\$ 703.92	10.17	\$ 24.25	-	\$ 728.16	kg	\$ 150	16.17	\$ 24.25
Concrete 25 MPa	m3	\$ 150.50	0.64	\$ 96.32	0.05	\$ 6.95	-	\$ 103.27	m3	\$ 150.50	0.05	\$ 6.95	
Reinforced	kg	\$ 150	281.07	421.60	-	\$ 221.11	kg	\$ 89.93	kg	\$ 150	-	\$ 221.11	\$ 331.67
Formwork	m2	\$ 30,000	2.29	\$ 68.74	3.12	\$ 93.74	-	\$ 162.48	m2	\$ 30,000	3.12	\$ 93.74	
3 Concrete sloof 150x250 mm (S-2)													
Concrete 25 MPa	m3	\$ 150.50	3.76	\$ 490.93	0.67	\$ 100.27	-	\$ 590.90	m3	\$ 150.50	0.67	\$ 100.27	
Reinforced	kg	\$ 150	469.28	703.92	10.17	\$ 24.25	-	\$ 728.16	kg	\$ 150	16.17	\$ 24.25	
Formwork	m2	\$ 30,000	21.73	\$ 651.84	17.53	\$ 526.04	-	\$ 1,177.88	m2	\$ 30,000	17.53	\$ 526.04	
4 Concrete sloof 200x300 mm (S-1)													
Concrete 25 MPa	m3	\$ 150.50	0.90	\$ 135.45	-	\$ 0.04	\$ 5.40	\$ 130.50	m3	\$ 150.50	-	\$ 0.04	\$ 5.40
Reinforced	kg	\$ 150	200.05	300.06	-	\$ 90.79	\$ 136.18	kg	\$ 150	-	\$ 90.79	\$ 136.18	
Formwork	m2	\$ 3,000	4.50	\$ 135.00	4.14	\$ 124.20	-	\$ 259.20	m2	\$ 3,000	4.14	\$ 124.20	
5 Steel beam ring (SB) 80x80x2.8 mm		kg	\$ 2.25	813.89	1.831.95	-	\$ 569.72	\$ 1,281.87	kg	\$ 2.25	-	\$ 569.72	\$ 1,281.87
Steel beam ring (SB) 100x100x3.1 mm		kg	\$ 2.25	792.67	1,783.52	-	\$ 210.99	\$ 474.73	kg	\$ 2.25	-	\$ 210.99	\$ 474.73
7 Steel column (SC) 100x100x3 mm		kg	\$ 2.25	334.10	751.72	-	\$ 565.20	\$ 1,273.34	kg	\$ 2.25	-	\$ 565.20	\$ 1,273.34
8 Steel column (SC) 150x150x6 mm		kg	\$ 2.25	566.20	1,273.94	-	\$ 3,689.93	kg	\$ 2.25	-	\$ 3,689.93		
9 Steel Stair													
Hollow 50x10x2.8mm	kg	\$ 2.25	154.87	\$ 348.45	-	\$ 154.87	\$ 348.45	kg	\$ 2.25	-	\$ 154.87	\$ 348.45	
(a) Hollow 50x10x2.8 mm	kg	\$ 1.85	2.25	\$ 195.18	-	\$ 361.09	-	\$ 1,951.90	kg	\$ 1.85	-	\$ 361.09	
Hollow 40x40x2.8mm	kg	\$ 2.25	225.05	\$ 506.99	290.50	\$ 653.63	-	\$ 1,160.02	kg	\$ 2.25	-	\$ 1,160.02	
Hollow 20x20x1.8mm	kg	\$ 2.25	59.66	\$ 134.44	-	\$ 2.01	\$ 4.33	\$ 129.71	kg	\$ 2.25	-	\$ 2.01	\$ 4.53
Plate steel t=3mm	m2	\$ 45.00	12.60	\$ 881	\$ 396.61	-	\$ 963.61	m2	\$ 45.00	\$ 881	\$ 963.61	-	\$ 21.41
Paint	m2	\$ 4.00	34.20	\$ 136.80	-	\$ 34.20	\$ 136.80	m2	\$ 4.00	-	\$ 34.20	\$ 136.80	
Total Concrete work					\$ 11,572.91				\$ 4,588.37	\$ 13,413.39			
F WORKS													
DOORS, WINDOWS And VENTILATIONS													
1 Supply and install Aluminium frame door Type D DW-1 + accessories	Unit	\$ 1,000.00	2.00	\$ 2,000.00	-	\$ -	\$ 2,000.00	Unit	\$ 1,000.00	-	\$ -	\$ 2,000.00	
2 Supply and install Aluminium frame door Type D 3 + accessories	Unit	\$ 350.00	1.00	\$ 350.00	-	\$ -	\$ 350.00	Unit	\$ 350.00	-	\$ -	\$ 350.00	
3 Supply and install Aluminium frame window Type W-1 + accessories	Unit	\$ 300.00	8.00	\$ 2,400.00	-	\$ -	\$ 2,400.00	Unit	\$ 300.00	-	\$ -	\$ 2,400.00	
Total Doors windows and ventilation work					\$ 4,750.00	-			\$ 4,750.00				
G ROOFING WORKS													
1 ETR Zincalum Roofing	m2	\$ 20.00	162.00	\$ 3,240.00	-	\$ -	\$ 3,240.00	m2	\$ 20.00	-	\$ -	\$ 3,240.00	
2 Galv. Purlin Ø 2"	m	\$ 15.00	196.26	\$ 2,943.50	-	\$ 11.16	\$ 167.40	m	\$ 15.00	-	\$ 11.16	\$ 167.40	
3 Galv. Rafters Ø 3"	m	\$ 25.00	64.41	\$ 1,610.15	-	\$ 0.97	\$ 1,595.88	m	\$ 25.00	-	\$ 0.97	\$ 1,595.88	
Total Roofing work					\$ 7,794.05	-							
H CEILING WORK													
1 Canopy (ACP Frame and accessories)	m2	\$ 50.00	13.20	\$ 660.00	-	\$ -	\$ 660.00	m2	\$ 50.00	-	\$ -	\$ 660.00	
Total Ceiling work					\$ 660.00	-			\$ 660.00				
I ELECTRICAL WORKS													
1 Supply and install panel board weather proof (36) module good quality for connected EDLU to internal building	Unit	\$ 500.00	1.00	\$ 500.00	-	\$ -	\$ 500.00	Unit	\$ 500.00	-	\$ -	\$ 500.00	
2 Supply and install fan													
3 Supply and install philips lamp 20 watt good quality	Unit	\$ 15.00	225.00	-	\$ -	\$ 225.00	Unit	\$ 15.00	-	\$ -	\$ 15.00		
4 Supply and install power outlet	Unit	\$ 5.00	3.00	\$ 15.00	-	\$ -	\$ 15.00	Unit	\$ 5.00	-	\$ -	\$ 15.00	
5 Supply and install single switch lamp good quality	Unit	\$ 5.00	1.00	\$ 5.00	-	\$ -	\$ 5.00	Unit	\$ 5.00	-	\$ -	\$ 5.00	
6 Supply and install double switch lamp good quality	Unit	\$ 5.00	2.00	\$ 10.00	-	\$ -	\$ 10.00	Unit	\$ 5.00	-	\$ -	\$ 10.00	
7 Cable NM 3x2.5 mm good quality for installation electrical ptem	m	\$ 3.50	400.00	\$ 1,400.00	-	\$ -	\$ 1,400.00	m	\$ 3.50	-	\$ -	\$ 1,400.00	
8 Pipe AV for installation electric	Unit	\$ 4.00	100.00	\$ 400.00	-	\$ -	\$ 400.00	Unit	\$ 4.00	-	\$ -	\$ 400.00	
Total Electrical work					\$ 2,855.00	-			\$ 2,855.00				

NO.	DESCRIPTION	ORIGINAL				REVISED				VERIFIED BY/ADN IP			
		ADDITIONAL		DEDUCTITIONAL		REVISED		DEDUCTED		ADDITIONAL		DEDUCTION	
		UNIT	UP	QTY.	COST	QTY.	COST	QTY.	COST	UNIT	PRICE (US\$)	QTY	AMOUNT (US\$)
1	PART - I			2	\$ 3.00	4	\$ 5=(3x(4))	6	\$ 7=(6x(3))	8.00	\$ 9=(8)x(3)	10=[(5+7)-9])	
1	I Additional New Item												
	Protection Painting (Anti Karat)												
1	Steel beam ring (SB) 80x80x2 mm	m2	\$ 3.84										
2	Steel beam ring (SB) 100x100x3 mm	m2	\$ 3.84										
3	Hollow 50x50x2mm (SHS/RHS)	m2	\$ 3.84										
4	Steel column (SC) 150x150x6 mm	m2	\$ 3.84										
5	Hollow 80x80x2mm (SHS/RHS)	m2	\$ 3.84										
6	Hollow 50x50x2mm (SHS/RHS)	m2	\$ 3.84										
7	Hollow 40x40x2.8mm (SHS/RHS)	m2	\$ 3.84										
8	Hollow 20x20x1.8mm (SHS/RHS)	m2	\$ 3.84										
9	Hollow 20x40x2mm (SHS/RHS)	m2	\$ 3.84										
10	Plate steel t=3 mm	m2	\$ 3.84										
11	Galvanis 3"	m2	\$ 3.84										
12	Gahans 3"	m2	\$ 3.84										
13	Hollow 20x20x2mm (SHS/RHS)	kg	\$ 1.95										
14	Hollow 80x80x2mm (SHS/RHS)	kg	\$ 1.95										
15	Plastic for column protection	roll	\$ 5.20										
16	Anchor bolt 16mmx60cm	unit	\$ 7.50										
17	Anchor bolt 16mmx60cm	unit	\$ 7.50										
18	Plate 6mm (truss support)	kg	\$ 1.95										
19	Plate 6mm (column support)	kg	\$ 1.95										
20	Plate 9mm (joint column to truss, double 20x20 cm)	kg	\$ 1.95										
21	Base plate 12mm, 25x25 cm	kg	\$ 2.05										
22	Base plate 14mm, 30x30 cm	kg	\$ 2.05										
23	Checkered plate (for tower)	kg	\$ 1.95										
25	All 2 PK + all accessories	unit	\$ 650.00										
27	All 1 PK + all accessories	unit	\$ 450.00										
28	All 0.5 PK + all accessories	unit	\$ 300.00										
	PART - II												
II	Additional New Item												
1	Preparation & Demolish (Pembongkaran, berapalan, serta pembrisian sekaligus)												
	Concrete, reinforcement	m3	\$ 61.60										
	F-Frame (SHS/RHS) & zinc/seng	m2	\$ 1.04										
	Cutting/modification SHS as it's necessary for strengthening the column and beam (to combine SHS and Concrete), find methods of implementation attach and communication with relevant The Engineer												
2	Ordinary block wall masonry (1 cement : 4 sand)	m2	\$ 13.85										
3	Ordinary wall plaster - interior (1 cement : 5 sand)	m2	\$ 5.14										
4	Ordinary wall plaster - exterior (1 cement : 5 sand)	m2	\$ 5.14										
5	Cement render - interior only	m2	\$ 3.19										
6	Wall painting - Interior (plaster, prime + final 2x)	m2	\$ 4.07										
7	Wall painting - Exterior (prime + final 2x)	m2	\$ 3.90										
8	Concrete Column 200x200 mm combine SHS with concrete (using concrete vibrator)												
	Concrete 25 Mpa	m3	\$ 121.46										
	Rainforced	kg	\$ 1.59										
	Formwork	m2	\$ 29.56										
9	Concrete Beam (balok lantai) 150x200 mm - vibrator]												
	Concrete 25 Mpa	m3	\$ 121.46										
	Reinforced	kg	\$ 1.59										
	Formwork	m2	\$ 29.56										

NO.	DESCRIPTION	ORIGINAL				REVISED				VERIFIED BY ADN. IP							
		Unit	Up	Qty.	Cost	Qty.	Cost	Qty.	Cost	REVISED AMOUNT COST	UNIT PRICE (US\$)	ADDITIONAL UNIT PRICE (US\$)	DEDUCTION QTY	AMOUNT (US\$)	REVISED QTY	AMOUNT (US\$)	
1	Supply and install panel board weather proof (3G) module good quality for connected EDTL to internal building.	Unit	\$ 500.00	1.00	\$ 500.00	-	\$ -	-	\$ -	\$ 500.00	Unit	\$ 500.00	-	\$ -	\$ -	1.00	\$ 500.00
2	Supply and install panel distribution weather proof (3G) module good quality for connected EDTL to internal building.					-	\$ -	-	\$ -	\$ -		\$ -	-	\$ -	-	\$ -	
3	Supply and install philips lamp 20 watt good quality	Unit	\$ 15.00	7.00	\$ 105.00	-	\$ -	-	\$ -	\$ 105.00	Unit	\$ 15.00	-	\$ -	-	7.00	\$ 105.00
4	Supply and install power outlet electrical per room	Unit	\$ 5.00	6.00	\$ 30.00	-	\$ -	-	\$ -	\$ 30.00	Unit	\$ 5.00	-	\$ -	-	6.00	\$ 30.00
5	Cable NYM 3x2.5 mm good quality for installation	Unit	\$ 5.00	6.00	\$ 30.00	-	\$ -	-	\$ -	\$ 30.00	Unit	\$ 5.00	-	\$ -	-	6.00	\$ 30.00
6	Pipe AV for installation electric	m	\$ 3.50	300.00	\$ 1,050.00	-	\$ -	-	\$ -	\$ 1,050.00	m	\$ 3.50	-	\$ -	-	300.00	\$ 1,050.00
7	Total Electrical work	Unit	\$ 4.00	75.00	\$ 300.00	-	\$ -	-	\$ -	\$ 300.00	Unit	\$ 4.00	-	\$ -	-	75.00	\$ 300.00
PART-I																	
I	Additional New Item																
	<i>Protection Painting (Anti Karat)</i>																
1	Steel beam ring (SB) 80x80x2 mm	m2	\$ 3.84			44.48	\$ 170.80	-	\$ -	170.80	m2	\$ 4.00	44.48	\$ 177.92	-		
2	Steel column (SC) 80x80x2 mm	m2	\$ 3.84			36.22	\$ 139.09	-	\$ -	139.09	m2	\$ 4.00	36.22	\$ 144.88	-		
3	Steel column (SC) 40x80x2 mm	m2	\$ 3.84			5.76	\$ 22.12	-	\$ -	22.12	m2	\$ 4.00	5.76	\$ 23.04	-		
4	Hollow 50x50x3mm (SHS/RHS)	m2	\$ 3.84			61.57	\$ 313.22	-	\$ -	313.22	m2	\$ 4.00	81.57	\$ 326.27	-		
5	Galvanis 2"	m2	\$ 3.84			17.24	\$ 66.21	-	\$ -	66.21	m2	\$ 4.00	17.24	\$ 68.97	-		
6	Galvanis 3"	m2	\$ 3.84			5.64	\$ 21.67	-	\$ -	21.67	m2	\$ 4.00	5.64	\$ 22.58	-		
7	Plastic for column protection	roll	\$ 3.84			2.00	\$ 7.68	-	\$ -	7.68	roll	\$ 3.84	2.00	\$ 7.68	-		
8	Anchor bolt 16mmx60cm	unit	\$ 3.84			-	\$ -	-	\$ -	-			-		-	2.00	\$ 7.68
9	Anchor bolt 12mmx60cm	unit	\$ 3.84			-	\$ -	-	\$ -	-			-		-		
10	Plate 6mm (truss support)	kg	\$ 3.84			5.47	\$ 21.00	-	\$ -	21.00	kg	\$ 2.12	5.47	\$ 11.59	-		
11	Plate 6mm (column support)	kg	\$ 1.95			26.58	\$ 51.83	-	\$ -	51.83	kg	\$ 2.12	26.58	\$ 56.35	-		
12	Plate 9mm (joint column to truss, double, 20x20 cm)	kg	\$ 5.20			107.39	\$ 558.42	-	\$ -	558.42	kg	\$ 2.12	107.39	\$ 227.66	-		
13	Base plate 12mm, 25x25mm	kg	\$ 9.50			-	\$ -	-	\$ -	-			-		-		
14	Base plate 14mm, 30x30mm	kg	\$ 2.05			-	\$ -	-	\$ -	-			-		-		
15	Checkered plate floor [tower]	kg	\$ 1.95			-	\$ -	-	\$ -	-			-		-		
PART-II																	
II	Additional New Item																
1	Preparation & Demolish (Pembongkaran, persiapan, serta pembersihan setelah rusak)																
	<i>Concrete + reinforcement</i>																
	Frame SHS/RHS & zinc/seng	m2	\$ 1.04			0.53	\$ 32.52	-	\$ -	32.52	m2	\$ 51.33	0.53	\$ 27.10	-		
	Cutting/modification SHS and Concrete. Find methods of strengthening the column and beam (to combine SHS and Concrete). Find its necessary for implementation attack and communication with relevant The Engineer	Ls	\$ 163.70			203.10	\$ 211.22	-	\$ -	211.22	m2	\$ 0.44	203.10	\$ 89.36	-		
2	Ordinary block wall masonry (1 cement : 4 sand)	m2	\$ 13.85			181.80	\$ 2,577.93	-	\$ -	2,577.93	m2	\$ 13.14	181.80	\$ 2,388.85	-		
3	Ordinary wall plaster- interior (1 cement: 5	m2	\$ 5.14			230.10	\$ 1,282.73	-	\$ -	1,282.73	m2	\$ 5.03	230.10	\$ 1,157.40	-		
4	Ordinary wall plaster- exterior (1 cement: 5	m2	\$ 5.14			170.10	\$ 874.31	-	\$ -	874.31	m2	\$ 5.03	170.10	\$ 855.60	-		
5	Cement render - interior only	m2	\$ 3.19			230.10	\$ 734.02	-	\$ -	734.02	m2	\$ 3.23	230.10	\$ 743.22	-		
6	Wall painting - Interior (plaster, primer + final 2x)	m2	\$ 4.07			240.00	\$ 976.80	-	\$ -	976.80	m2	\$ 3.42	240.00	\$ 820.80	-		
7	Wall painting - Exterior (prime + final 2x)	m2	\$ 3.90			170.10	\$ 663.39	-	\$ -	663.39	m2	\$ 1.59	170.10	\$ 270.46	-		

NO.	DESCRIPTION	ORIGINAL				REVISED				VERIFIED BY ADN.I.P				
		Unit	Up	Qty.	Cost	Qty.	Cost	Qty.	Cost	AMOUNT COST	UNIT PRICE (US\$)	ADDITIONAL	DEDUCTION	REVISED
1		2	\$ 3.00	4	5=(3)x(4)	6	7=(6)x(3)	8.00	9=(8)x(3)	10=[(5+7)-9])				
8	Concrete Column 200x200 mm - combine SHS with concrete (using concrete vibrator)													
	Concrete 25 Mpa	m3	\$ 121.46		3.166	\$ 471.36	-	\$ 471.36	m3	\$ 150.50	\$ 3.88	\$ 594.06	-	
	Reinforced	kg	\$ 1.59		582.12	\$ 925.57	-	\$ 925.57	kg	\$ 1.50	\$ 582.12	\$ 873.18	-	
	Formwork	m2	\$ 29.55		99.00	\$ 2,926.44	-	\$ 2,926.44	m2	\$ 31.90	\$ 99.00	\$ 3,158.10	-	
9	Concrete Beam [blok latal] 150x200 mm - combine SHS with concrete (using concrete vibrator)													
	Concrete 25 Mpa	m3	\$ 121.45		2.41	\$ 292.38	-	\$ 292.38	m3	\$ 150.50	\$ 2.41	\$ 362.28	-	
	Reinforced	kg	\$ 1.59		334.38	\$ 531.66	-	\$ 531.66	kg	\$ 1.50	\$ 334.38	\$ 501.57	-	
	Formwork	m2	\$ 29.55		66.30	\$ 1,959.83	-	\$ 1,959.83	m2	\$ 39.88	\$ 66.30	\$ 2,644.04	-	
10	Ceiling Work													
	Frame 40x40, t=0.3mm (indonesian standar, best quality)	m'	\$ 16.03		285.00	\$ 4,582.80		\$ 4,582.80	m'	\$ 9.31	\$ 285.00	\$ 2,653.35		
	PVC t=9 mm (indonesian standard, best quality), List PVC (indonesian standard,best quality)	m2	\$ 12.69		108.00	\$ 1,369.44		\$ 1,369.44	m2	\$ 12.91	\$ 108.00	\$ 1,394.28		
					204.00	\$ 332.52		\$ 332.52	m'	\$ 2.96	\$ 204.00	\$ 603.84		
	Total Additional				\$ -	\$ 22,120.66		\$ -	\$ 22,120.66		\$ -	\$ -		
	GRAND TOTAL - POST AND SERVICE ROOM				\$ 27,189.19		\$ 30,014.21		\$ 3,404.85	\$ 53,798.55		\$ 28,288.01		
6	OVERHEAD													
1	Contractor site engineering	LS	\$ 2,500.00	1.00	\$ 2,500.00	-	\$ 2,500.00	LS	\$ 2,500.00	-	\$ 1.00	\$ 2,500.00		
2	Safety equipment and firstAID equipment	LS	\$ 500.00	1.00	\$ 500.00	-	\$ 500.00	LS	\$ 500.00	-	\$ 1.00	\$ 500.00		
3	Material sampling and testing	LS	\$ 300.00	1.00	\$ 300.00	-	\$ 300.00	LS	\$ 600.00	-	\$ 1.00	\$ 600.00		
4	Project report and documentation	LS	\$ 300.00	1.00	\$ 300.00	-	\$ 300.00	LS	\$ 300.00	-	\$ 1.00	\$ 300.00		
5	As build drawing	LS	\$ 500.00	1.00	\$ 500.00	-	\$ 500.00	LS	\$ 500.00	-	\$ 1.00	\$ 500.00		
6	Project security (for 2 person)	LS	\$ 1,000.00	1.00	\$ 1,000.00	-	\$ 1,000.00	LS	\$ 1,000.00	-	\$ 1.00	\$ 1,000.00		
A	Total Overhead				\$ 5,400.00		\$ 5,400.00		\$ 5,400.00		\$ 1.00	\$ 5,400.00		
A	TOTAL (1+2+3+4+5)				\$ 300,993.99		\$ 200,117.92		\$ 76,997.97		\$ 42,113.94			
B	CONTRACTOR FEE 10% x A)				\$ 30,099.40		\$ 20,011.79		\$ 7,699.80		\$ 4,211.39			
C	OVERHEAD (6)				\$ 5,400.00		\$ 5,400.00		\$ 5,400.00		\$ 5,400.00			
D	TAX (2% x (A+B+C))				\$ 6,779.87		\$ 4,402.59		\$ 1,653.96		\$ 943.85			
E	TOTAL (A + B + C + D)				\$ 343,223.25		\$ 222,532.31		\$ 86,391.72		\$ 481,363.84			
											\$ 218,115.91			
											\$ 86,391.72			
											\$ 474,947.44			



AGENCIA DE DESENVOLVIMENTO NACIONAL I.P.

Project Owner : Ministerio do Interior
 Project Title : New Construction of U.P.F Building
 Project Location : Oequesse, Citarra - Timor Leste
 Total Floor Area : 884 m2
 Contractor : Aprilia Unipessoal Lda
 Contract Nu. : NCB/087/MI-2021
 Contract Value : \$ 340,903.02

SUMMARY OF VARIATION ORDER

PROPOSED BY OWNER						VERIFIED BY ADN, I.P		
NO	DESCRIPTION OF WORKS	REVISED			REVISED AMOUNT COST	ADDITIONAL AMOUNT (US\$)	DEDUCTION AMOUNT (US\$)	REVISED AMOUNT (US\$)
		ORIGINAL	ADDITIONAL	DEDUCTONAL				
1	EXTERNAL WORKS	\$ 9,269.00	\$ -	\$ -	\$ 9,269.00	\$ -	\$ -	\$ 9,269.00
2	OFFICE WORKS	\$ 59,902.87	\$ 41,267.43	\$ 12,572.11	\$ 88,598.19	\$ 40,808.80	\$ 12,572.11	\$ 88,139.56
3	DORMITORY WORKS	\$ 150,889.94	\$ 80,531.09	\$ 46,959.39	\$ 184,461.64	\$ 74,719.77	\$ 46,959.39	\$ 178,650.32
4	MEETING ROOM	\$ 51,768.40	\$ 41,563.52	\$ 18,050.09	\$ 75,281.83	\$ 40,325.48	\$ 18,050.09	\$ 74,043.79
5	POST AND SERVICE ROOM	\$ 27,004.92	\$ 36,912.54	\$ 3,380.25	\$ 60,537.21	\$ 33,918.31	\$ 3,380.25	\$ 57,542.99
6	OVERHEAD	\$ 5,500.00	\$ -	\$ -	\$ 5,500.00	\$ -	\$ -	\$ 5,500.00
A	TOTAL (1+2+3+4+5)	\$ 298,835.13	\$ 200,274.58	\$ 80,961.84	\$ 418,147.87	\$ 189,772.36	\$ 80,961.84	\$ 407,645.66
B	CONTRACTOR FEE (10% x A)	\$ 29,883.51	\$ 20,027.46	\$ 8,096.18	\$ 41,814.79	\$ 18,977.24	\$ 8,096.18	\$ 40,764.57
C	OVERHEAD (6)	\$ 5,500.00	\$ -	\$ -	\$ 5,500.00	\$ -	\$ -	\$ 5,500.00
D	TAX (2% x (A+B+C))	\$ 6,684.37	\$ 4,406.04	\$ 1,791.16	\$ 9,309.25	\$ 4,174.99	\$ 1,781.16	\$ 9,078.20
E	TOTAL (A+B+C+D)	\$ 340,903.02	\$ 224,708.08	\$ 90,839.18	\$ 474,771.92	\$ 212,924.59	\$ 90,839.18	\$ 462,988.43

Verified By :

Augusta da Costa Ferreira
 ADN, IP Engineer

Angelica da Costa
 ADN, IP Engineer

Checked By :

Jophanes Hornay
 Senior Engineer, EPMEITCM - ADN,IP

Certified By :

Eng. Melenia da Costa Barros
 Coordenadora, UAP - ADN,IP

10/5/2024



Project Owner : Ministério do Interior
 Project Title : New Construction of JPF Building
 Project Location : Dicouse, Citaruna - Timor-Leste
 Total Floor Area : 894 m²
 Contractor : Aprilia Universal Lda
 Contract No. : NCB/087/MR-2021
 Contract Value : \$ 340,903.02



PROPOSED BY OWNER

VARIATION ORDER

VERIFIED BY ADN IP

NO.	DESCRIPTION	ORIGINAL				REVISED				UNIT	UNIT PRICE (US\$)	ADDITIONAL	DEDUCTION	REVISED AMOUNT	REVISED	
		Unit	Up	Qty.	Cost	Unit	Qty.	Cost	Qty.					Qty.		
1		2	3	4	5= (3)(4)	6	7= (6)(5)	8	9= (8)(3)	10=(5+7+9)						
A	EXTERNAL WORKS															
1	Site clearing start and finish the work	1s	\$	500.00	1.00	\$	500.00	\$	-	\$	500.00	1s	\$	500.00	1.00	
2	Storage for material	1s	\$	600.00	1.00	\$	600.00	\$	-	\$	600.00	1s	\$	600.00	1.00	
3	Dredges fleet	1s	\$	800.00	1.00	\$	800.00	\$	-	\$	800.00	1s	\$	800.00	1.00	
4	Meals for labour															
5	Bowlank	1s	\$	13.00	330	\$	4,399.00	\$	-	\$	4,399.00	M1	\$	13.00	330.00	
6	Temporary fence	M1	\$	350.00	1.00	\$	350.00	\$	-	\$	350.00	M1	\$	350.00	1.00	
7	Water for works	Unit	\$	100.00	1.00	\$	100.00	\$	-	\$	100.00	Unit	\$	100.00	1.00	
8	Information board project	Unit	\$	2,525.00	1.00	\$	2,525.00	\$	-	\$	2,525.00	Unit	\$	2,525.00	1.00	
9	Mobilization and Demobilization	1s	\$	9,269.00	1.00	\$	9,269.00	\$	-	\$	9,269.00	1s	\$	9,269.00	1.00	
GRAND TOTAL																
2	OFFICE BUILDING															
A	PREPARED WORKS															
1	Site clearing start and finish the work	m2	\$	1.50	370.00	\$	480.00	\$	-	\$	480.00	m2	\$	1.50	320.00	
2	Bowlank	1s	\$	450.00	1.00	\$	450.00	\$	-	\$	450.00	1s	\$	450.00	320.00	
3	Water for work	1s	\$	300.00	1.00	\$	300.00	\$	-	\$	300.00	1s	\$	300.00	1.00	
4	Electrical for work	1s	\$	200.00	1.00	\$	200.00	\$	-	\$	200.00	1s	\$	200.00	1.00	
	Total Preparation Work															
B	STORY, Stone and Sand work															
1	Excavation foundation	m3	\$	5,00	16,48	\$	8240	\$	17,07	\$	63,55	m3	\$	17,07	\$ 31,55	
2	Sand filling under foundation	m3	\$	12,00	1,36	\$	16,32	\$	-	\$	16,32	m3	\$	12,00	\$ 13,62	
3	Lean concrete for foot plate	m3	\$	135,00	0,45	\$	60,75	\$	-	\$	60,75	m3	\$	135,00	\$ 45,50	
4	Soil backfill	m3	\$	1,70	9,89	\$	16,81	\$	0,58	\$	17,39	m3	\$	1,70	\$ 17,39	
5	Sand filling under floor	m3	\$	12,00	1,30	\$	15,90	\$	3,62	\$	20,03	m3	\$	12,00	\$ 16,92	
6	Selected material for building floor	m3	\$	12,50	16,40	\$	1,313,00	\$	15,70	\$	1,133,72	m3	\$	12,50	\$ 203,00	
7	Stone works	m3	\$	31,50	3,04	\$	11,66	\$	2,89	\$	65,52	m3	\$	100,18	\$ 57,2	
8	Stone works	m3	\$	70,50	1,02	\$	2,760,86	\$	28,93	\$	2,809,07	m3	\$	70,50	\$ 2,809,07	
	Total Earth, Stone and Sand work															
C	MASONRY WORK AND RENDER															
1	Wall	m2	\$	20,50	616.00	\$	12,628,00	\$	-	\$	31,657	m2	\$	20,50	\$ 31,657	
2	Braille	m2	\$	2,00	13,195.0	\$	2,639,00	\$	-	\$	6,650,73	m2	\$	2,00	\$ 6,650,73	
2a	Frame for wall installation, SUS 304x5x2mm (internal & external)	m2	\$	2,25	-	\$	1,564,57	\$	3,520,28	\$	3,520,28	m2	\$	2,25	\$ 1,564,57	
	Total Masonry work and Render															
D	STEEL WORK															
1	Concrete floor 600x600mm for main building	m2	\$	30,00	162.00	\$	4,866,00	\$	6,60	\$	19,00	m2	\$	30,00	\$ 16,60	
2	Concrete floor 200x200mm for toilet type as	m2	\$	21,50	9,00	\$	17,200	\$	-	\$	5,040,00	m2	\$	30,00	\$ 18,00	
3	Concrete formwork	m3	\$	13,50	1,33	\$	1,015,45	\$	4,70	\$	38,635	m3	\$	13,50	\$ 3,520,28	
	Total Floor work															
E	CONCRETE WORKS															
1	Concrete floor plan 60x60 mm	Concrete 25 M3	m3	\$	155,00	2,08	\$	3,224,40	\$	1,31	\$	20,202	\$	20,202	\$ 3,224,40	
2	Concrete formwork	m2	\$	20,00	9,87	\$	197,39	\$	20,40	\$	40,594	m2	\$	20,00	\$ 20,40	
2	Concrete Slof 150x250 mm	Concrete 25 M3	m3	\$	155,00	4,38	\$	679,90	\$	0,75	\$	115,96	m3	\$	155,00	\$ 513
	Total Concrete work															
F	DOORS, WINDOWS AND VENTILATION WORKS															
1	Supply and install aluminum frame door type	unit	\$	1,175,00	1,00	\$	1,175,00	\$	-	\$	1,175,00	unit	\$	1,175,00	\$ 1,175,00	
2	Supply and install Aluminum frame door type	unit	\$	450,00	1,00	\$	450,00	\$	-	\$	450,00	unit	\$	450,00	\$ 450,00	
	Total Concrete work															
G	DOORS, WINDOWS AND VENTILATION WORKS															
1	Supply and install Aluminum frame door type	unit	\$	1,175,00	1,00	\$	1,175,00	\$	-	\$	1,175,00	unit	\$	1,175,00	\$ 1,175,00	
2	Supply and install Aluminum frame door type	unit	\$	450,00	1,00	\$	450,00	\$	-	\$	450,00	unit	\$	450,00	\$ 450,00	
	Total Concrete work															

No.	DESCRIPTION	ORIGINAL			REVISED			UNIT	UNIT PRICE (US\$)	ADDITIONAL		DEDUCTION		REVISED	
		Unit	Up	Qty.	Cost	Qty.	Cost			Qty.	Amount	Qty.	Amount	Qty.	Amount
1	Supply and install steel frame door type DW-3 *	2	3	4	5= (3x4)	6.00	7=(6b)(3)	8.00	9=(8b)(3)	10=(15*(7-9))				1.00	\$ 450.00
3	Supply and install Steel frame door type DW-3 *	unit	\$ 450.00	1.00	\$ 450.00		\$ -			\$ 450.00				1.00	\$ 450.00
4	Supply and install Steel frame door type DW-4 *	unit	\$ 450.00	1.00	\$ 450.00		\$ -			\$ 450.00				1.00	\$ 450.00
5	Supply and install Aluminum frame door type D-1 accessories	unit	\$ 800.00	1.00	\$ 800.00		\$ -			\$ 800.00				1.00	\$ 800.00
6	Supply and install Aluminum frame door type D-2 accessories	unit	\$ 350.00	2.00	\$ 700.00		\$ -			\$ 700.00				2.00	\$ 700.00
7	Supply and install Aluminum frame door type D-3 accessories	unit	\$ 350.00	1.00	\$ 350.00		\$ -			\$ 350.00				1.00	\$ 350.00
8	Supply and install PVC frame door type D-4 *	unit	\$ 150.00	1.00	\$ 150.00		\$ -			\$ 150.00				1.00	\$ 150.00
9	Supply and install PVC frame door type D-5 *	unit	\$ 150.00	1.00	\$ 150.00		\$ -			\$ 150.00				1.00	\$ 150.00
10	Supply and install Aluminum frame window type W-1 *	unit	\$ 300.00	8.00	\$ 2,400.00		\$ -			\$ 2,400.00				8.00	\$ 2,400.00
11	Supply and install Wooden frame ventilation type BV-1 * accessories	unit	\$ 65.00	1.00	\$ 65.00		\$ -			\$ 65.00				1.00	\$ 65.00
12	Total frame, windows and ventilation works				\$ 7,140.00					\$ -					\$ 7,140.00
6	ROOFING WORKS														
1	ETR Zincalum Roofing	unit	\$ 20.50	223.00	\$ 4,571.50		\$ -			\$ 20.50					\$ 4,571.50
2	Galv. Purlin Ø 3"	unit	\$ 15.00	277.26	\$ 4,158.90		\$ -			\$ 15.00					\$ 4,158.90
3	Galv. Purlin Ø 3"	unit	\$ 20.50	89.84	\$ 1,716.55		\$ -			\$ 20.50					\$ 1,716.55
H	TOTAL ROOFING WORKS				\$ 10,446.95					\$ -					\$ 10,446.95
1	CEILING WORKS														
1	Size ceiling	unit	\$ 40.50	10.00	\$ 729.00		\$ -			\$ 729.00					\$ 729.00
2	Concre/CFC frame and accessories	unit	\$ 55.50	12.48	\$ 692.64		\$ -			\$ 692.64					\$ 692.64
I	ELECTRICAL WORKS														
1	Supply and install panel board switch type DPU to internal building.	unit	\$ 500.00	1.00	\$ 500.00		\$ -			\$ 500.00				1.00	\$ 500.00
2	Supply and install fan	unit	\$ 100.00	3.00	\$ 300.00		\$ -			\$ 300.00				3.00	\$ 300.00
3	Supply and install philips lamp 20 watt good quality	unit	\$ 15.00	8.00	\$ 120.00		\$ -			\$ 120.00				8.00	\$ 120.00
4	Supply and install philips lamp 10 watt good quality	unit	\$ 10.50	5.00	\$ 52.50		\$ -			\$ 52.50				5.00	\$ 52.50
5	Supply and install power outlet	unit	\$ 5.00	6.00	\$ 30.00		\$ -			\$ 30.00				6.00	\$ 30.00
6	Supply and install single double switch lamp good quality	unit	\$ 5.00	2.00	\$ 10.00		\$ -			\$ 10.00				2.00	\$ 10.00
7	Supply and install cable NYRN 3x2.5 mm good quality for installation electric per room	unit	\$ 3.50	200.00	\$ 700.00		\$ -			\$ 700.00				200.00	\$ 700.00
9	Supply and install pipe PVC for installation electric	unit	\$ 4.25	50.00	\$ 212.50		\$ -			\$ 212.50				50.00	\$ 212.50
I	TOTAL ELECTRICAL WORKS				\$ 1,955.00					\$ -					\$ 1,955.00
1	PLUMBING AND SANITATION WORKS														
1	Steel cassette/concrete white + accessories	unit	\$ 275.00	1.00	\$ 275.00		\$ -			\$ 275.00				1.00	\$ 275.00
2	Cling tape/coloured white + accessories	unit	\$ 75.50	1.00	\$ 75.50		\$ -			\$ 75.50				1.00	\$ 75.50
3	Water tank + accessories	unit	\$ 150.00	1.00	\$ 150.00		\$ -			\$ 150.00				1.00	\$ 150.00
4	Wasitafe + accessories include mirror to install a toilet	unit	\$ 180.00	1.00	\$ 180.00		\$ -			\$ 180.00				1.00	\$ 180.00
5	Hand shower with valves	unit	\$ 175.00	1.00	\$ 175.00		\$ -			\$ 175.00				1.00	\$ 175.00
6	Supply and install floor drainage	unit	\$ 6.00	2.00	\$ 12.00		\$ -			\$ 12.00				2.00	\$ 12.00
7	Pipe PVC NW dn. 0.5 for roof water pipe installation	unit	\$ 2.50	100.00	\$ 250.00		\$ -			\$ 250.00				100.00	\$ 250.00
8	Pipe PVC dn. 3" for waste water pipe installation	unit	\$ 10.50	10,000	\$ 1,050.00		\$ -			\$ 1,050.00				10,000	\$ 1,050.00
9	Pipe PVC dn. 4" for close pipe insulation	unit	\$ 15.00	50.00	\$ 750.00		\$ -			\$ 750.00				50.00	\$ 750.00
10	Septic tank	unit	\$ 700.00	1.00	\$ 700.00		\$ -			\$ 700.00				1.00	\$ 700.00
11	Absorption	unit	\$ 500.00	1.00	\$ 500.00		\$ -			\$ 500.00				1.00	\$ 500.00
I	TOTAL PLUMBING WORKS				\$ 4,117.50					\$ -					\$ 4,117.50
Part I															
I	Additional New Item														
1	Project Fixing (Not Forged)														
1	See beam ring (SB) 80x80x2 mm	unit	\$ 3.84	-	\$ 34.98	\$ 13.94				\$ 13.94					\$ 34.98
2	Steel column S50x80x2 mm	unit	\$ 3.84	-	\$ 51.42	\$ 197.44				\$ 197.44					\$ 197.44
3	Hollow 50x50x2.5mm STS/RHS	unit	\$ 3.84	-	\$ 99.65	\$ 382.67				\$ 382.67					\$ 382.67
4	Hollow 50x50x3mm STS/RHS	unit	\$ 3.84	-	\$ 11.48	\$ 44.08				\$ 44.08					\$ 44.08
5	Hollow 50x50x4mm STS/RHS	unit	\$ 3.84	-	\$ 12.23	\$ 46.95				\$ 46.95					\$ 46.95
6	Gutter 20x20x1.8mm	unit	\$ 3.84	-	\$ 14.52	\$ 173.27				\$ 173.27					\$ 173.27
7	Gutter 3"	unit	\$ 3.84	-	\$ 20.05	\$ 77.00				\$ 77.00					\$ 77.00
8	Plastic for column protection	roll	\$ 3.84	-	\$ 5.00	\$ 19.20				\$ 19.20					\$ 19.20
9	Archlet bolt 16mm-60cm	unit	\$ -	-	\$ -	\$ -				\$ -					\$ -
10	Archlet bolt 19mm-60cm	unit	\$ -	-	\$ -	\$ -				\$ -					\$ -
11	Plate 6mm (truss support)	kg	\$ 3.84	-	\$ -	\$ 16.40				\$ 16.40					\$ 16.40
12	Plate 9mm (column support)	kg	\$ 1.95	-	\$ -	\$ 16.40				\$ 16.40					\$ 16.40
13	Plate 9mm (from column to truss, double, 20x20)	kg	\$ 5.20	-	\$ 101.74	\$ 529.03				\$ 529.03					\$ 529.03
14	Base plate 12mm, 25x25mm	kg	\$ 9.50	-	\$ -	\$ -				\$ -					\$ -

NO.	DESCRIPTION	ORIGINAL			REVISED		REVISED AMOUNT	UNIT	UNIT PRICE (TSS)	ADDITIONAL	DEDUCTION	REVISED
		ADDITIONAL	DEDUCTIVE	REVISED AMOUNT	UNIT	ADDITIONAL						
1	Concrete Column 14mm, 30x30 mm	Unit	Up	Qty:	Cost	Qty:	Cost	Unit	Qty	Amount	Qty	Amount
2		2	3	4	\$= (3)(4)	6.00	7=(6)(3)	6.00	9=(3)(3)	10=(5)(7)-9)		
15	Checered plate floor down	kg	\$	2.05		\$	-					
16	Checered plate floor down	kg	\$	1.95		\$	-					
25	ACI PK + all accessories	unit	\$	6500		\$	-	3.00	\$ 1,950.00	\$ 1,950.00	unit	\$ 455.28
26	ACI PK + all accessories	unit	\$	4500		\$	-	3.00	\$ 1,350.00	\$ 1,350.00	unit	\$ 264.80
27	ACI PK + all accessories	unit	\$	3000		\$	-	3.00	\$ 900.00	\$ 900.00	unit	\$ 979.44
UNIT 1 - 11												
II Additional Item												
1	Preparation & Demolish (Pembongkaran, perbaikan, serta pembuatan setelahnya)											
	Concrete +reinforcement	m ³	\$	61.60		\$	-	1.15	\$ 70.96	\$ 70.96	m ³	\$ 51.33
	Frame (SIS/IBBS) & zinc/genteng	m ²	\$	1.04		\$	-	253.37	\$ 265.58	\$ 265.58	m ²	\$ 0.44
	Gauging/modification SIS as it's necessary for strengthening the column and beam (to combine SIS and Concrete). Find methods of Implementation attach and communication with relevant-The Engineer	Ls	\$	200.00		\$	-	1.00	\$ 200.00	\$ 200.00	Ls	\$ 200.00
8	Concrete Column 200x200 mm - combine SIS with concrete (using concrete vibrator)											
	Concrete 25 Mpa	m ³	\$	121.46		\$	-	4.23	\$ 514.21	\$ 514.21	m ³	\$ 155.00
	Reinforced	kg	\$	1.59		\$	-	699.12	\$ 1,111.60	\$ 699.12	kg	\$ 699.12
	Formwork	m ²	\$	29.56		\$	-	168.70	\$ 4,986.77	\$ 4,986.77	m ²	\$ 31.90
9	Concrete Beam (block size) 150x200 mm - combine SIS with concrete (using concrete vibrator)											
	Concrete 25 Mpa	m ³	\$	121.46		\$	-	2.48	\$ 300.98	\$ 300.98	m ³	\$ 155.00
	Reinforced	kg	\$	1.59		\$	-	624.20	\$ 922.48	\$ 922.48	kg	\$ 922.48
	Formwork	m ²	\$	29.56		\$	-	168.70	\$ 4,986.77	\$ 4,986.77	m ²	\$ 31.90
10	Celing Work											
	Frame (4x40, 40x30 mm (Indonesian standard, best quality))	m'	\$	16.08		\$	-	88.57	\$ 1,424.21	\$ 1,424.21	m'	\$ 9.31
	PVC-E9 mm (Indonesian standard best quality)	m ²	\$	12.68		\$	-	176.60	\$ 2,231.68	\$ 2,231.68	m ²	\$ 12.91
	List PVC (Indonesian standard best quality)	m'	\$	1.63		\$	-	119.00	\$ 197.34	\$ 197.34	m'	\$ 2.96
	Total Additional		\$			\$						
	GRAND TOTAL - OFFICE BUILDING		\$	59,902.87		\$		32,635.54	\$ 32,635.54	\$ 32,635.54		
3	DORMITORY BUILDING											
A	PREPARATION WORKS											
1	Site clearing, start and finish the work	m ²	\$	1.50		\$ 672.00	\$ 1,000.00	\$				
2	Box/plank	ls	\$	450.00		\$ 450.00	\$					
3	Water for work	ls	\$	300.00		\$ 300.00	\$					
4	Electrical for work	ls	\$	200.00		\$ 200.00	\$					
B	BRICK, Stone and Sand work											
1	Excavation foundation	m ³	\$	5.00		\$ 14.98	\$ 24.88	\$ 15.52	\$ 257.60	\$ 257.60	m ³	\$ 51.52
2	San filling under foundation	m ³	\$	12.00		\$ 0.93	\$ 11.16	m ³	\$ 12.00	\$ 12.00	m ³	\$ 66.50
3	Leave concrete for foot plate	m ³	\$	135.00		\$ 0.93	\$ 125.55	m ³	\$ 135.00	\$ 135.00	m ³	\$ 91.16
4	Sand bedroll	m ³	\$	17.00		\$ 8.99	\$ 15.28	m ³	\$ 17.00	\$ 17.00	m ³	\$ 125.55
5	Sand filling under floor	m ³	\$	12.00		\$ 1,902.40	\$ 16,270.40	\$ 1,534.60	\$ 122,588	\$ 122,588	m ³	\$ 10,929.60
6	Selected material for leveling floor	m ³	\$	12.50		\$ 258.13	\$ 243.23	\$ 3,295.00	m ³	\$ 12.50	\$ 243.23	\$ 3,295.00
7	Rubber works	m ³	\$	6.50		\$ 1.43	\$ 1,129.96	\$ 3,150.00	\$ 3,150.00	\$ 3,150.00	m ³	\$ 44.44
8	Stone masonry works	m ³	\$	70.50		\$ 7.65	\$ 529.33	\$ 81.29	\$ 5,730.59	\$ 5,730.59	m ³	\$ 70.50
	Total Brick, Stone and Sand work		\$			\$						
1	Walls Zinc	m ²	\$	20.50		\$ 1,498.00	\$ 30,709.00	\$				
2	Profile L 50x50x5mm	m ²	\$	2.00		\$ 263.90	\$ 527.80	\$				
	Za frame for wall insulation, SIS 50x50x2mm (exterior & interior)	m ²	\$	2.25		\$	-	1,572.16	\$ 10,220.53	\$ 10,220.53		
	Total Masonry work and Render		\$			\$						
D	FLLOOR WORK											
1	Cement floor 200x200mm for main building	m ²	\$	30.00		\$ 10,230.00	\$					
2	Cement floor 200x200mm for toilet type 25	m ²	\$	21.50		\$ 55.00	\$ 1,102.50	\$				

NO.	DESCRIPTION	ORIGINAL				REVISED			UNIT	UNIT PRICE (US\$)	ADDITIONAL		DEDUCTION		REVISED
		Unit	Up	Qty.	Cost	Unit	Cost	Qty.			Qty	Quantity	Qty	Quantity	
1		1		3	4	5=(3)(4)	6.00	7=(6)(3)	8.00	9=(8)(3)	10=(15+(7)(9))				
2	Concrete pouring for floor work	m ²		16.50	165.20	\$ 22,549.80		\$ 33,962.80		\$ 12,600	\$ 17,580.90				
3	Concrete pouring for floor work	Total Floor work													
E	CONCRETE WORKS														
1	Concrete footpath 600x600 mm														
	Concrete 25 M3	m ³		5	155.00	3.74	\$ 580.32	3.70	\$ 582.82		\$ 1,163.14	m3	\$ 155.00	3.76	\$ 582.82
	Reinforced	kg		1.0	1641.26	\$ 1,641.26						1,163.14			
	Formwork	m ²		20.00	17.77	\$ 355.31	16.92	\$ 938.49							
2	Concrete Stoop 150x250 mm														
	Concrete 25 M3	m ³		5	155.00	10.65	\$ 1,650.75								
	Reinforced	kg		1.00	1533.07	\$ 1,533.07									
	Formwork	m ²		30.00	21.98	\$ 1,199.47	63.02	\$ 1,890.53							
3	Steel beam ring (SS) 80x80x2 mm														
	Steel column (SC) 80x80x2 mm	kg		5	2.25	4061.90	\$ 9,139.04	200.03	\$ 450.08						
4	Steel column (SC) 80x80x2 mm	Total Construction works													
F	DOORS, WINDOWS AND VENTILATION WORKS														
1	Supply and install Aluminium frame door type D-														
	DW-1 + accessories	unit		5	1,175.00	1.00	\$ 1,175.00								
2	Supply and install Aluminium frame door type D-														
3	Supply and install Aluminium frame door type D-														
4	Supply and install Aluminium frame door type D-														
5	Supply and install PVC frame door type D-4+														
6	Supply and install PVC frame door type D-5+														
7	Supply and install PVC frame door type D-														
8	Supply and install Aluminium frame window type														
9	Supply and install Window frame ventilation type														
B1-1	accessories	unit		5	150.00	2.00	\$ 300.00								
G	ROOFING WORKS														
1	ETR Zincalum Roofing	m ²		20.50	506.00	\$ 10,392.00									
2	Gable, Bultur Ø 2"	m1		5	15.00	617.31	\$ 9,259.62	0.49	\$ 2.38						
3	Gable, Bultur Ø 3"	m1		5	20.50	174.25	\$ 3,572.25								
H	CEILING WORKS														
I	ELECTRICAL WORKS														
1	Supply and install panel board weather proof to internal building	unit	\$	500.00	1.00	\$ 500.00									
2	Supply and install fan	unit	\$	100.00	9.00	\$ 900.00									
3	Supply and install philips lamp 20 watt good quality	unit	\$	15.00	26.00	\$ 390.00									
4	Supply and install philips lamp 10 watt good quality	unit	\$	10.50	6.00	\$ 63.00									
5	Supply and install power outlet	unit	\$	5.00	9.00	\$ 45.00									
6	Supply and install single switch hand good	unit	\$	5.00	10.00	\$ 50.00									
7	Supply and install double switch hand good	unit	\$	5.00	1.00	\$ 5.00									
8	Supply and install cable NYM 3x1.5 mm good quality for installation electrical per room	unit	\$	3.50	30.00	\$ 1,050.00									
9	Supply and install pipe P/V for distillation electric	unit	\$	4.25	25.00	\$ 318.75									
I	PLUMBING AND SANITATION WORKS														
1	Seal closet toilet white + accessories	unit	\$	275.00	12.00	\$ 3,300.00									
2	Urinal colour white + accessories	unit	\$	300.00	5.00	\$ 1,500.00									
3	Wastebasket + accessories include mirror to internal toilet	unit	\$	180.00	9.00	\$ 1,620.00									
4	Zinc shower with valve	unit	\$	175.00	2.00	\$ 350.00									
5	Supply and install floor drainage	unit	\$	6.00	12.00	\$ 72.00									
6	Pipe PVC AW dia 0.5" for cold water pipe installation	m1	\$	10.50	100.00	\$ 1,050.00									
7	Pipe PVC dia 3" for waste water pipe installation	m1	\$	15.00	50.00	\$ 750.00									
8	Pipe PVC dia 4" for closest pipe installation	m1	\$	15.00	2.00	\$ 300.00									
9	Spiral tank	unit	\$	700.00	1.00	\$ 700.00									
10	Auspension	unit	\$	500.00	2.00	\$ 1,000.00									
	Total Plumbing and Sanitation works					\$ 11,292.00									
I-1	Additional														
1	Proportion, Rotating (Anti-Market)														
2	Steel beam J250, SS1100x600x2 mm	m2	\$	3.85	-	\$ -									
3	Steel column SEI 80x80x2 mm	m2	\$	3.84	-	\$ -									
4	Hollow 50x50x2 mm (SUS/FRIS)	m2	\$	3.85	-	\$ -									
5	Hollow 20x50x2mm	m2	\$	3.85	-	\$ -									

No.	DESCRIPTION	ORIGINAL				REVISED				REVISED AMOUNT	UNIT	UNIT PRICE (US\$)	ADDITIONAL	DEDUCTION	REVISED	
		Unit	Up	QTY.	Cost	Qty.	Cost	Qty.	Cost							
1	Hollow 20x20x2.9mm	m2	\$ 3.84	5	\$ 6.00	7.4	\$ 10.16	9.4	\$ 10.16		m2					
2	Gelantik 2"	m2	\$ 3.86	5	\$ -	5	\$ -	5	\$ -		m2					
3	Gelantik 3"	m2	\$ 3.86	5	\$ -	5	\$ -	5	\$ -		m2					
4	Paste for column protection	roll	\$ 5.20	5	\$ 8.00	4.160	\$ 41.60	roll	\$ 3.64	9.00	\$ 30.72					
5	Anchor bolt 16mm-60cm	unit	\$ 9.50	5	\$ -	5	\$ -	5	\$ -		unit					
6	Anchor bolt 16mm-60cm	unit	\$ 9.50	5	\$ -	5	\$ -	5	\$ -		unit					
7	Plate 6mm (truss support)	kg	\$ 1.95	5	\$ 43.75	85.31	\$ 85.31	kg	\$ 2.12	43.75	\$ 92.74					
8	Plate 6mm (column support)	kg	\$ 1.95	5	\$ 67.15	130.33	\$ 130.33	kg	\$ 2.12	67.15	\$ 142.35					
9	Plate 9mm (from column to truss double, 20x20	kg	\$ 1.95	5	\$ 271.30	529.03	\$ 529.03	kg	\$ 2.12	271.30	\$ 575.15					
10	Base plate 12mm, 25x25 cm	kg	\$ 2.05	5	\$ -	5	\$ -	5	\$ -							
11	Base plate 15mm-60cm	kg	\$ 2.05	5	\$ -	5	\$ -	5	\$ -							
12	Castered plate floor (cover)	kg	\$ 1.95	5	\$ -	5	\$ -	5	\$ -							
13	AC 1 PK + all accessories	unit	\$ 650.00	5	\$ 3,000	1,950.00	\$ 1,950.00	unit	\$ 567.28	3,000	\$ 1,701.84					
14	AC 1.5 PK + all accessories	unit	\$ 450.00	5	\$ 3,000	1,350.00	\$ 1,350.00	unit	\$ 455.28	3,000	\$ 1,365.84					
15	AC 2 PK + all accessories	unit	\$ 300.00	5	\$ 3,000	900.00	\$ 900.00	unit	\$ 326.46	3,000	\$ 979.44					
16	Besi plate 15mm-30x30 cm	kg	\$ -	5	\$ -	5	\$ -	5	\$ -							
17	Cutting modification SIS (SIS is its necessary for strengthening the column and beam (to combine SIS and Concrete), find methods of implementation attach and communication with relevant The Engineer	m2	\$ 61.60	5	\$ -	3.20	\$ 197.12	5	\$ 197.12	m2	\$ 51.33	3.20	\$ 164.26			
18	Frame (SIS/RHS) & zinc/gips	m2	\$ 1.04	5	\$ -	660.75	\$ 677.18	5	\$ 677.18	m2	\$ 0.44	660.75	\$ 290.73	660.75	\$ 290.73	
19	Concrete, re-inforcement	m3	\$ 580.67	5	\$ -	1.00	\$ 580.67	5	\$ 580.67	ls	\$ 200.00	1.00	\$ 200.00		1.00	\$ 200.00
20	Concrete (SIS/RHS) & zinc/gips	m2	\$ 1.04	5	\$ -	660.75	\$ 677.18	5	\$ 677.18	m2	\$ 0.44	660.75	\$ 290.73	660.75	\$ 290.73	
21	Ordinary block (val, maton) 1(cement: 4 sand)	m2	\$ 13.85	5	\$ -	618.35	\$ 8,564.15	5	\$ 8,564.15	m2	\$ 13.14	618.35	\$ 8,125.12	618.35	\$ 8,125.12	
22	Ordinary wall plaster - interior (1 cement: 5 sand)	m2	\$ 5.15	5	\$ -	963.50	\$ 4,926.39	5	\$ 4,926.39	m2	\$ 5.03	963.50	\$ 4,846.41	963.50	\$ 4,846.41	
23	Outliner wall plaster - exterior (1 cement: 5 sand)	m2	\$ 5.14	5	\$ -	332.70	\$ 1,813.31	5	\$ 1,813.31	m2	\$ 5.03	332.70	\$ 1,774.51	332.70	\$ 1,774.51	
24	Concrete render - interior only	m2	\$ 3.19	5	\$ -	892.60	\$ 2,792.76	5	\$ 2,792.76	m2	\$ 3.23	892.60	\$ 2,784.26	892.60	\$ 2,784.26	
25	Wall painting - interior (plaster prime + final 2x)	m2	\$ 4.07	5	\$ -	890.23	\$ 3,501.22	5	\$ 3,501.22	m2	\$ 3.42	890.23	\$ 2,946.06	890.23	\$ 2,946.06	
26	Wall painting - exterior (prime + final 2x)	m2	\$ 3.90	5	\$ -	892.79	\$ 3,175.86	5	\$ 3,175.86	m2	\$ 3.59	892.79	\$ 3,501.22	892.79	\$ 3,501.22	
27	Concrete Column (Balok beton) 150x200 mm - combine SIS with concrete (using concrete vibration)	m3	\$ 121.46	5	\$ -	117.6	\$ 1,428.37	5	\$ 1,428.37	m3	\$ 155.00	117.6	\$ 1,822.80	117.6	\$ 1,822.80	
28	Concrete 2.5 Mpa	m3	\$ 1.59	5	\$ -	1,912.00	\$ 3,097.78	5	\$ 3,097.78	m2	\$ 1.00	1,912.00	\$ 1,942.00	1,912.00	\$ 1,942.00	
29	Reinforced	kg	\$ 1.59	5	\$ -	0.05	\$ 25.54	5	\$ 25.54	m2	\$ 0.86	25.54	\$ 27.56	0.86	\$ 27.56	
30	Formwork	m2	\$ 205.6	5	\$ -	5	
31	Concrete Beam (Balok beton) 150x200 mm - combine SIS with concrete (using concrete vibration)	m3	\$ 121.46	5	\$ -	5.69	\$ 600.82	5	\$ 600.82	m3	\$ 155.00	5.69	\$ 801.58	5.69	\$ 801.58	
32	Concrete 2.5 Mpa	m3	\$ 1.59	5	\$ -	1,412.76	\$ 2,278.09	5	\$ 2,278.09	m2	\$ 1.00	1,412.76	\$ 1,432.76	1,412.76	\$ 1,432.76	
33	Reinforced	kg	\$ 1.59	5	\$ -	1,687.0	\$ 4,956.77	5	\$ 4,956.77	m2	\$ 0.86	1,687.0	\$ 1,672.76	1,687.0	\$ 1,672.76	
34	Formwork	m2	\$ 205.6	5	\$ -	5	
35	Concrete Work															
36	Frame 40x8x40, f=0.3mm (indonesian standar best quality)	m'	\$ 16.08	5	\$ -	600.00	\$ 9,648.00	5	\$ 9,648.00	m'	\$ 9.31	600.00	\$ 5,596.00	600.00	\$ 5,596.00	
37	PRC 9 mm (indonesian standard best quality)	m2	\$ 12.68	5	\$ -	336.00	\$ 4,894.48	5	\$ 4,894.48	m2	\$ 12.91	336.00	\$ 4,983.26	336.00	\$ 4,983.26	
38	List PVC (indonesian standard best quality)	m'	\$ 1.63	5	\$ -	494.00	\$ 895.22	5	\$ 895.22	m'	\$ 2.96	494.00	\$ 1,462.24	494.00	\$ 1,462.24	
39	Total Additional		\$ -			\$ 57,235.61	\$ -		\$ 57,235.61				\$ 51,442.30		\$ 51,442.30	
40	Grand Total, DORMITORY BUILDING		\$ 150,809.94			\$ 80,531.09	\$ 46,959.39		\$ 46,959.39				\$ 178,650.39		\$ 178,650.39	
41	METING ROOM BUILDING															
A	PREPARATION WORKS															
1	Site clearing start and finish the work	m2	\$ 150	202.50	\$ 303.75	\$ -	\$ -		\$ -	m2	\$ 1.50	303.75	\$ 450.00	202.50	\$ 303.75	
2	Brw plank	ls	\$ 450.00	1.00	\$ 450.00	\$ -	\$ -		\$ -	ls	\$ 1.00	450.00	\$ 450.00	1.00	\$ 450.00	
3	Walls for work	ls	\$ 300.00	1.00	\$ 300.00	\$ -	\$ -		\$ -	ls	\$ 1.00	300.00	\$ 300.00	1.00	\$ 300.00	
4	Electrical for work	ls	\$ 200.00	1.00	\$ 200.00	\$ -	\$ -		\$ -	ls	\$ 1.00	200.00	\$ 200.00	1.00	\$ 200.00	
	Total Preparation Work		\$ 1,255.75			\$ 1,255.75										

No.	DESCRIPTION	ORIGINAL				REVISED				UNIT	UNIT PRICE (US\$)	ADDITIONAL	DEDUCTION	REVISED							
		Unit	Up	Qty.	Cost	Qty.	Cost	Qty.	Cost												
E	EARTH, Stone and Sand work	1		2	3	4	5= (3)(4)	6,00	7= (6)(3)	8,00	9= (8)(3)	10= (5+7+9)									
1	Excavation foundation	m3	\$	5.00	7.52	\$	37.60	19.51	\$	97.55	\$	135.15	m3	\$	5.00	19.51	\$	97.55	\$	135.15	
2	Sand filling under foundation	m3	\$	12.00	0.47	\$	55.64	2.52	\$	30.24	\$	32.00	m3	\$	12.00	2.52	\$	30.24	\$	32.00	
3	Lean concrete for foot place	m3	\$	135.00	0.47	\$	63.45	0.03	\$	4.05	\$	13.61	m3	\$	135.00	0.03	\$	4.05	\$	13.61	
4	Soil backfill	m3	\$	1.70	4.51	\$	7.67	3.50	\$	5.95	\$	1.70	m3	\$	1.70	3.50	\$	5.95	\$	1.70	
5	Sand filling under floor	m3	\$	12.00	6.73	\$	80.76	5.85	\$	70.22	\$	150.98	m3	\$	12.00	5.85	\$	70.22	\$	150.98	
6	Selected material for Ice rink floor	m3	\$	12.50	59.26	\$	740.75	2.27	\$	28.41	\$	769.16	m3	\$	12.50	2.27	\$	28.41	\$	769.16	
7	Blue top works	m3	\$	31.50	1.40	\$	44.10	6.00	\$	189.00	\$	231.10	m3	\$	31.50	6.00	\$	189.00	\$	231.10	
8	Some masonry works	m3	\$	70.50	0.76	\$	53.59	3.936	\$	2.911.19	\$	70.50	m3	\$	70.50	3.936	\$	2.911.19	\$	70.50	
C	MASONRY WORK and RENDER																				
1	Walt Zinc	m2	\$	20.50	71.60	\$	1465.70	\$	-	1319.50	\$	2639.00									
2	Profile L 30x50x25mm																				
2a	Iframe for wall insulation, SHS 50x50x2mm (external & internal)	m2	\$	2.25	\$	-	999.11	\$	2248.00	\$	13,331.29	\$	6,192.71								
D	FLOOR WORK																				
1	Concrete floors 600x600mm for main building type as drawing	m2	\$	30.00	142.00	\$	4,280.00	\$	-	11.50	\$	345.00									
2	Concrete toping for floor work	m2	\$	136.50	6.73	\$	918.65	\$	862.60	\$	365.00	\$	5,696.33								
E	CONCRETE WORKS																				
1	Concrete footplate 600x600 mm	m3	\$	155.00	1.37	\$	212.04	1.13	\$	175.47	\$	368.15	m3	\$	155.00	1.13	\$	175.47	\$	368.15	
1	Concrete footplate 600x600 mm	m3	\$	155.00	1.37	\$	212.04	1.13	\$	175.47	\$	368.15	m3	\$	155.00	1.13	\$	175.47	\$	368.15	
2	Reinforced	m3	\$	155.00	0.64	\$	99.20	0.09	\$	13.83	\$	307.51	m3	\$	155.00	0.09	\$	13.83	\$	307.51	
2	Formwork	m2	\$	1.00	281.07	\$	251.82	3.70	\$	74.05	\$	119.87	m2	\$	20.00	3.70	\$	74.05	\$	119.87	
3	Concrete Slab 150x250 (5+2) mm	m3	\$	155.00	3.26	\$	505.30	0.67	\$	103.27	\$	600.57	m3	\$	155.00	0.67	\$	103.27	\$	600.57	
3	Reinforced	m2	\$	1.00	469.28	\$	469.28	\$	-	1.75	\$	129.82									
4	Formwork	m2	\$	20.00	6.49	\$	129.82	17.55	\$	351.01	\$	1,781.33	m3	\$	156.50	6.32	\$	862.68	\$	345.00	
4	Concrete foot plate 800x800 mm	m3	\$	155.00	0.64	\$	99.20	0.09	\$	13.83	\$	113.08	m3	\$	155.00	0.09	\$	13.83	\$	113.08	
4	Concrete 25 Mpa	m3	\$	155.00	0.90	\$	139.50	\$	-	0.04	\$	5.58									
4	Reinforced	m2	\$	1.00	281.07	\$	251.82	3.70	\$	74.05	\$	119.87	m2	\$	20.00	3.70	\$	74.05	\$	119.87	
5	Steel beam stiff (S80) 80x80x25 mm	kg	\$	2.25	79.69	\$	1,783.72	\$	-	210.99	\$	476.73									
6	Steel beam stiff (S80) 10x10x3 mm	kg	\$	2.25	79.69	\$	1,783.72	\$	-	210.99	\$	476.73									
7	Steel column SCS 100x100x25 mm	kg	\$	2.25	334.10	\$	751.72	\$	-	566.20	\$	1,273.94									
8	Steel column SCS 150x150x6 mm	kg	\$	2.25	565.20	\$	1,273.94	\$	-	566.20	\$	1,273.94									
9	Steel Stair																				
9	Hollow 50x10x25 mm	kg	\$	2.25	154.87	\$	348.46	\$	-	154.87	\$	348.46									
9	Hollow 50x10x25 mm	kg	\$	1.85	154.87	\$	348.46	\$	-	195.18	\$	314.09									
9	Hollow 50x40x25 mm	kg	\$	2.25	225.06	\$	505.39	\$	290.50	\$	63.63	\$	361.09								
9	Hollow 50x20x25 mm	kg	\$	2.25	39.66	\$	134.24	\$	-	2.01	\$	4.52									
9	Painted steel 15x3 mm	m2	\$	12.60	51.02	\$	91.01	\$	356.95	\$	867.25	m2	\$	40.50	8.01	\$	356.95	m2	3.50		
9	Paint	m2	\$	3.50	34.20	\$	119.70	\$	-	34.20	\$	119.70									
F	DOORS, WINDOWS and VENTILATION WORKS																				
1	Supply and install Aluminium frame door type D- D1-D4 accessories	unit	\$	1,175.00	2.00	\$	2,350.00	\$	-	2.350.00	unit	\$	117.50								
2	Supply and install Aluminium frame window type D- D1-D4 accessories	unit	\$	350.00	1.00	\$	350.00	\$	-	350.00	unit	\$	350.00								
3	Supply and install Aluminium frame window type W-1 accessories	unit	\$	300.00	0.00	\$	2,400.00	\$	-	2,400.00	unit	\$	300.00								
G	ROOFING WORKS																				
1	ETR Zincalum Roofing	m2	\$	20.50	162.00	\$	3,321.00	\$	37.54	\$	709.47	\$	4,090.47	m2	\$	20.50	\$	37.54	\$	709.47	
2	Gutter Purlin 9.2"	m1	\$	15.00	196.26	\$	2,943.90	\$	-	11.16	\$	167.40									
3	Gutter Purlin 9.3"	m1	\$	20.50	64.43	\$	7,585.22	\$	0.97	\$	19.90	\$	1,320.42	m1	\$	20.50	\$	0.97	\$	19.90	
H	CEILING WORKS																				
1	Ceiling (ACF) frame and accessories	m2	\$	55.50	13.20	\$	732.60	\$	-	5.100.00	\$	5,100.00									
I	ELECTRICAL WORKS																				
1	(36) model good quality for connected EDI to internal building	unit	\$	500.00	1.00	\$	500.00	\$	-	500.00	unit	\$	500.00								
2	Supply and install fan	unit	\$	100.00	3.00	\$	300.00	\$	-	300.00	unit	\$	100.00								
3	Supply and install philips lamp 20 watt good quality	unit	\$	15.00	225.00	\$	-														
4	Supply and install power outlet	unit	\$	5.00	15.00	\$	-														
5	Supply and install single switch lamp board	unit	\$	5.00	3.00	\$	-														
6	Supply and install double switch lamp board	unit	\$	5.00	2.00	\$	-														
7	Supply and install philips lamp 20 watt good quality for installation electrical per room	unit	\$	4.00	1,400.00	\$	-														
8	Supply and install pipe AV for insulation electric	unit	\$	4.25	100.00	\$	425.00	\$	-	425.00	unit	\$	425.00								

No.	Description	Original							Revised								
		Additional				Deduction			REVISED AMOUNT	UNIT	UNIT PRICE (US\$)	Additional			DEDUCTION	REVISED AMOUNT	
		Unit	Up	Qty.	Cost	Qty.	Cost	Upv.				Qty.	Cost	Upv.			
1	Additional New Item			1	Total Electrical works												
1	Protection railing [anti-korosi]			2		3	Qty.	Cost	9=	Cost	10=	REVISED AMOUNT	UNIT	UNIT PRICE (US\$)	Additional	DEDUCTION	REVISED AMOUNT
1	Steel beam ring SSB 90x92x2 mm	m2	\$	3.04	\$	-	12.20	\$	66.36	\$	66.36	m2	\$	3.50	17.28	\$	60.48
2	Steel beam ring SSB 100x100x2 mm	m2	\$	3.04	\$	-	9.22	\$	31.62	\$	31.62	m2	\$	3.50	6.23	\$	28.92
3	Hollow SPS 20x20x2mm (SIS/SRIS)	m2	\$	3.84	\$	-	63.64	\$	244.37	\$	244.37	m2	\$	3.50	63.64	\$	222.73
4	Steel column (SC) 150x150x60 mm	m2	\$	3.84	\$	-	34.80	\$	133.63	\$	133.63	m2	\$	3.50	34.80	\$	121.80
5	Hollow 80x80 mm (SIS/SRIS)	m2	\$	3.84	\$	-	18.56	\$	71.27	\$	71.27	m2	\$	3.50	16.56	\$	64.96
6	Hollow 50x50 mm (SIS/SRIS)	m2	\$	3.84	\$	-	51.98	\$	199.22	\$	199.22	m2	\$	3.50	51.98	\$	181.18
7	Hollow 40x40x2.5mm (SIS/SRIS)	m2	\$	3.84	\$	-	23.46	\$	90.07	\$	90.07	m2	\$	3.50	23.46	\$	82.10
8	Hollow 20x20x1.6mm (SIS/SRIS)	m2	\$	3.04	\$	-	4.08	\$	15.67	\$	15.67	m2	\$	3.50	4.08	\$	14.20
9	Hollow 20x20x2.5mm (SIS/SRIS)	m2	\$	1.85	\$	-	6.12	\$	11.32	\$	11.32	m2	\$	3.50	6.12	\$	21.42
10	Plate steel 1x3 mm	m2	\$	3.84	\$	-	22.83	\$	169.46	\$	169.46	m2	\$	3.50	22.83	\$	149.99
11	Galvanized 2"	m2	\$	3.84	\$	-	29.55	\$	113.48	\$	113.48	m2	\$	3.50	29.55	\$	103.43
12	Galvanized 3"	m2	\$	3.84	\$	-	15.19	\$	58.34	\$	58.34	m2	\$	3.50	15.19	\$	53.17
13	Plastic for column protection	roll	\$	5.00	\$	-	-	\$	-	\$	-	roll	\$	-	-	\$	-
14	Anchor bolt 16mm-60cm	unit	\$	7.50	\$	-	16.00	\$	57.00	\$	57.00	unit	\$	7.50	16.00	\$	57.00
15	Anchor bolt 19mm-60cm	unit	\$	9.50	\$	-	16.00	\$	152.00	\$	152.00	unit	\$	9.50	16.00	\$	152.00
16	Base plate 12mm, 25x25 cm	kg	\$	2.05	\$	-	33.77	\$	69.57	\$	69.57	kg	\$	2.12	17.32	\$	36.71
17	Base plate 14mm, 30x30 cm	kg	\$	1.95	\$	-	17.32	\$	33.77	\$	33.77	kg	\$	2.12	17.32	\$	36.71
18	Plate 6mm (transversal)	kg	\$	1.95	\$	-	21.41	\$	41.76	\$	41.76	kg	\$	2.12	21.41	\$	45.40
19	Plate 6mm (column support)	kg	\$	1.95	\$	-	107.39	\$	209.81	\$	209.81	kg	\$	2.12	107.39	\$	227.66
20	Plate 9mm (from column to trans. double)	kg	\$	1.95	\$	-	209.41	\$	-	\$	-	kg	\$	-	209.41	\$	103.99
21	Base plate 12mm, 25x25 cm	kg	\$	2.05	\$	-	11.56	\$	229.32	\$	229.32	kg	\$	2.12	11.56	\$	237.15
22	Base plate 14mm, 30x30 cm	kg	\$	2.05	\$	-	33.91	\$	65.52	\$	65.52	kg	\$	2.12	33.91	\$	71.69
23	Checked plate (for top cover)	kg	\$	1.95	\$	-	21.41	\$	41.76	\$	41.76	kg	\$	2.12	21.41	\$	45.40
24	AR 2 PK + all accessories	unit	\$	650.00	\$	-	3.00	\$	1,950.00	\$	1,950.00	unit	\$	567.28	3.00	\$	1,701.84
25	AR 2 PK + all accessories	unit	\$	450.00	\$	-	3.00	\$	1,350.00	\$	1,350.00	unit	\$	455.28	3.00	\$	1,305.84
26	AC 0.5 PK + all accessories	unit	\$	300.00	\$	-	3.00	\$	900.00	\$	900.00	unit	\$	326.48	3.00	\$	979.44
27	AC 0.5 PK + all accessories	unit	\$	300.00	\$	-	3.00	\$	900.00	\$	900.00	unit	\$	326.48	3.00	\$	979.44
1	Additional New Item			1	Total Electrical works												
1	Preparation & Demolish (Pembongkaran, removal, seringan setelah us)	m3	\$	61.60	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	51.33	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$	200.12	m3	\$	0.94	0.91	\$	41.62
1	Concrete Column 200x200 mm - combine SIS with concrete [using concrete vibrator]	m3	\$	1.04	\$	-	192.93	\$	200.12	\$</td							



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

SUMMARY

Name of project : New Construction of UPF Building in Mota Ain
Location of Project : Aldeia Batugade, Suco Batugade Posto Adm. Balibo, Municipio Bobonaro

VARIATION ORDER

SECTION NO.	DESCRIPTION	ORIGINAL CONTRACT AMOUNT (USD)	VARIATION ORDER BY OWNER AMOUNT (USD)	VARIATION ORDER BY ADN, I.P. AMOUNT (USD)
1	EXTERNAL WORKS	\$ 5.030,00	\$ 1.650,00	\$ 1.650,00
2	OFFICE WORKS	\$ 57.569,09	\$ 89.265,81	\$ 87.998,96
3	DORMITORY WORKS	\$ 141.726,50	\$ 184.724,58	\$ 178.905,24
4	MEETING ROOM	\$ 48.639,95	\$ 67.422,09	\$ 65.888,72
5	POST AND SERVICE ROOM	\$ 24.471,53	\$ 50.373,99	\$ 47.914,97
6	OVERHEAD			
A	TOTAL (1 + 2 + 3 + 4 + 5)	\$ 277.437,07	\$ 393.436,48	\$ 382.357,8
B	CONTRACTOR FEE (10% x A)	\$ 27.743,71	\$ 39.343,65	\$ 38.235,7
C	OVERHEAD (6)	\$ 3.850,00	\$ 3.850,00	\$ 3.850,0
D	TAX (2% x (A+B+C))	\$ 6.180,62	\$ 8.732,60	\$ 8.488,8
E	TOTAL (A + B + C + D)	\$ 315.211,39	\$ 445.362,73	\$ 432.932,5

Verified by :

(Mario Gusmao Mendite)
Civil Engineer ADN, I.P.

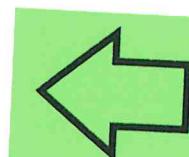
Checked By :

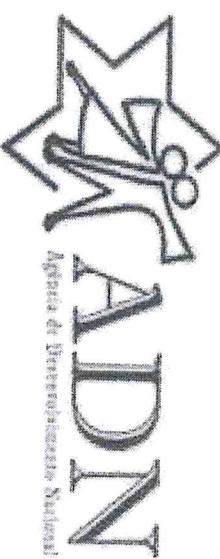
(Johannes Hornay)
Senior Engineer. EPMEITCM - ADN, I.P.

Certified By :
Melenia da Costa Barros

(Melenia da Costa Barros)
Coordenadora UAP - ADN, I.P.

(Olívio M. Correia)
Electrical Engineer ADN, I.P.





AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

VARIATION ORDER

Name of Project : New Construction of U.P.F Building
 Location of Project : Mota-Alin, Maliana, Bobonaro - Timor Leste
 Contractor : Leo Hara Unip. Ltda

ITEM NO.	DESCRIPTION	ORIGINAL CONTRACT				VALUATION ORDER BY CONTRACTOR				VALUATION ORDER BY ADNP			
		UNIT	UNIT PRICE	QUANTITY	AMOUNT	UNIT PRICE	INCREASE (+)	DECREASE (-)	REVISED CONTRACT	UNIT PRICE	INCREASE (+)	DECREASE (-)	REVISED CONTRACT
A EXTERNAL WORKS													
1 Mobilization & Demobilization		Ls	\$ 400,00	1,00	\$ 400,00	\$ 400,00	0,00	\$ -	\$ -	\$ 400,00	\$ 400,00	0,00	\$ 400,00
2 Storage for material		Ls	\$ 400,00	1,00	\$ 400,00	\$ 400,00	0,00	\$ -	\$ -	\$ 400,00	\$ 400,00	0,00	\$ 400,00
3 Driveler keet		Ls	\$ 150,00	1,00	\$ 150,00	\$ 150,00	0,00	\$ -	\$ -	\$ 150,00	\$ 150,00	0,00	\$ 150,00
4 Mesh for labour		Ls	\$ 500,00	1,00	\$ 500,00	\$ 500,00	0,00	\$ -	\$ -	\$ 500,00	\$ 500,00	0,00	\$ 500,00
5 Bouwpink		m ²	\$ 10,00	338,00	\$ 3,380,00	\$ 10,00	0,00	\$ -	\$ 338,00	\$ 3,380,00	\$ 10,00	0,00	\$ 3,380,00
6 Temporary fence													
7 Water for works		Ls	\$ 100,00	1,00	\$ 100,00	\$ 100,00	0,00	\$ -	\$ -	\$ 100,00	\$ 100,00	0,00	\$ 100,00
8 Information Board project		unit	\$ 100,00	1,00	\$ 100,00	\$ 100,00	0,00	\$ -	\$ -	\$ 100,00	\$ 100,00	0,00	\$ 100,00
TOTAL Preparation work					\$ 5,030,00				\$ 3,380,00		\$ 1,650,00		\$ 1,650,00
B OFFICE WORKS													
1 Site clearing start and finish the work													
2 Bouwpink		m ²	\$ 100,00	1,00	\$ 100,00	\$ 100,00	0,00	\$ -	\$ -	\$ 100,00	\$ 100,00	0,00	\$ 100,00
3 Water for works		Ls	\$ 375,00	1,00	\$ 375,00	\$ 375,00	0,00	\$ -	\$ -	\$ 375,00	\$ 375,00	0,00	\$ 375,00
4 Electrical for works		Ls	\$ 100,00	1,00	\$ 100,00	\$ 100,00	0,00	\$ -	\$ -	\$ 100,00	\$ 100,00	0,00	\$ 100,00
TOTAL Preparation work					\$ 895,00				\$ -		\$ 447,50		\$ 447,50
C EARTH, Stone and Sand work													
1 Excavation foundation		m ³	\$ 5,00	16,48	\$ 82,40	\$ 5,00	17,07	\$ 85,35					
2 Sand filling under foundation		m ³	\$ 11,10	1,56	\$ 15,10	\$ 11,10	2,67	\$ 29,58					
3 Lean concrete for foot plate		m ³	\$ 124,00	0,45	\$ 55,80	\$ 124,00	0,00	\$ -	\$ -	\$ 44,68	\$ 11,10	2,67	\$ 29,58
4 Soil Backfill		m ³	\$ 1,70	9,89	\$ 16,81	\$ 1,70	0,34	\$ 0,58		\$ 55,80	\$ 124,00	0,00	\$ 4,03
5 Sand filling under floor		m ³	\$ 12,00	13,30	\$ 159,60	\$ 12,00	3,62	\$ 43,40		\$ 17,39	\$ 12,00	0,00	\$ 5,580
6 Selected material for levelling floor		m ³	\$ 10,00	10,64	\$ 10,00	\$ 10,00	4,11	\$ 41,16		\$ 10,00	\$ 10,00	4,11	\$ 10,3
7 Rip rap works		m ³	\$ 3,64	\$ 9,100	\$ 25,00	\$ 15,33	\$ 33,325	\$ -	\$ 147,56	\$ 147,56	\$ 43,40	\$ 16,92	\$ 20,30
8 Stone masonry works		m ³	\$ 6,00	10,92	\$ 65,20	\$ 6,00	6,46	\$ 53,25		\$ 41,16	\$ 41,16	0,00	\$ 17,93
TOTAL Earth, stone and sand work					\$ 243,931				\$ 47,784,539		\$ 6,224,419		\$ 6,224,419
D MASONRY WORK AND RENDER													
1 Wall/Zinc		m ²	\$ 187,75	6,16	\$ 11,55,00	\$ 187,75		\$ -	\$ 314,67	\$ 5,900,04	\$ 301,33	\$ 5,649,26	\$ 18,75
2 Profile L50x50x5mm		kg	\$ 1,90	131,95	\$ 2,507,05	\$ 1,90		\$ -	\$ 131,95	\$ 2,507,05	\$ 0,00	\$ -	\$ 314,67
2a Hollow 50x50x2 mm (SIS/RHS)		kg	\$ 2,00		\$ 2,00	\$ 156,457	\$ 2,00	\$ -	\$ 156,457	\$ 3,129,14	\$ 3,129,14	\$ 0,00	\$ 5,900,04
Total Masonry work and render					\$ 14,057,05				\$ 3,129,14		\$ 8,407,09		\$ 30,33
E CONCRETE WORKS													
1 Ceramist floor 600x600 for main building type as drawing		m ²	\$ 30,00	162,00	\$ 4,860,00	\$ 30,00	6,00	\$ 18,00	\$ 168,00	\$ 5,040,00	\$ 30,00	\$ 6,00	\$ 5,040,00
2 Ceramist floor tiles 200x200 for toilets type as drawing		m ²	\$ 20,00	8,00	\$ 160,00	\$ 20,00	0,00	\$ -	\$ 8,00	\$ 160,00	\$ 0,00	\$ -	\$ 5,040,00
3 Concrete tiling for floor work		m ²	\$ 124,00	13,30	\$ 1,649,20	\$ 124,00	0,00	\$ -	\$ 0,00	\$ 1,527,68	\$ 124,00	0,00	\$ 1,527,68
Total Floor work					\$ 6,669,20				\$ 180,00		\$ 12,152		\$ 180,00
1 Concrete footplate 600x600 mm													

		Concrete 25 MPa Reinforced	m3 kg	\$ 142,00 \$ 1,50	2,08 9,97	\$ 295,36 \$ 1,367,71	142,00 1,50	1,63 0,00	\$ 230,93 \$ 67,38	0,00 1,005,57	\$ 37,1 214,43	\$ 52,629 \$ 362,14	\$ 142,00 1,50	1,63 0,00	\$ 230,93 \$ 67,38	0,00 1,005,57	\$ 37,1 214,43	\$ 52,629 \$ 362,14	
2	Concrete slab 150x250 mm	Concrete 25 MPa Reinforced	m3 kg	\$ 20,00 1,00	9,97 630,50	\$ 197,39 \$ 63,05	20,00 1,00	25,38 0,75	\$ 507,61 \$ 233,88	0,00 0,00	\$ 35,25 \$ 179,44	\$ 20,00 1,00	25,38 0,75	\$ 507,61 \$ 104,54	0,00 0,00	\$ 35,25 \$ 104,54	\$ 20,00 1,00	25,38 0,75	\$ 507,61 \$ 104,54
3	Steel beam ring (SB) 80x60x2 mm	Formwork	m2 kg	\$ 30,00 2,00	29,19 63,02	\$ 87,58 \$ 8,11,12	30,00 2,00	32,18 0,75	\$ 117,547 \$ 187,01	0,00 0,00	\$ 68,38 \$ 187,01	\$ 30,00 2,00	39,18 0,00	\$ 1,175,47 \$ 1,175,47	0,00 0,00	\$ 68,38 \$ 1,175,47	\$ 30,00 2,00	39,18 0,00	\$ 1,175,47 \$ 1,175,47
4	Steel column (SC) 60x60x2 mm																		
F DOORS, WINDOWS AND VENTILATIONS WORKS																			
1	Supply and install Aluminium frame door Type DW-1 + accessories		Unit	\$ 1,180,70	1,00	\$ 1,180,70	1,00	0,00	\$ -	\$ -	\$ -	\$ 1,00	\$ 1,180,70	\$ 1,180,70	\$ -	\$ -	\$ -	\$ 1,180,70	
2	Supply and install Aluminium frame door Type DW-2 + accessories		Unit	\$ 470,00	1,00	\$ 470,00	1,00	0,00	\$ -	\$ -	\$ -	\$ 1,00	\$ 470,00	\$ 470,00	\$ -	\$ -	\$ -	\$ 470,00	
3	Supply and install Steel frame door Type DW-3 + accessories		Unit	\$ 500,00	1,00	\$ 500,00	1,00	0,00	\$ -	\$ -	\$ -	\$ 1,00	\$ 500,00	\$ 500,00	\$ -	\$ -	\$ -	\$ 500,00	
4	Supply and install Steel frame door Type DW-4 + accessories		Unit	\$ 500,00	1,00	\$ 500,00	1,00	0,00	\$ -	\$ -	\$ -	\$ 1,00	\$ 500,00	\$ 500,00	\$ -	\$ -	\$ -	\$ 500,00	
5	Supply and install Aluminium frame door Type D-1 + accessories		Unit	\$ 800,00	1,00	\$ 800,00	1,00	0,00	\$ -	\$ -	\$ -	\$ 1,00	\$ 800,00	\$ 800,00	\$ -	\$ -	\$ -	\$ 800,00	
6	Supply and install Aluminium frame door Type D-2 + accessories		Unit	\$ 350,00	2,00	\$ 700,00	5	350,00	0,00	\$ -	\$ -	\$ 2,00	\$ 700,00	\$ 350,00	\$ -	\$ -	\$ -	\$ 700,00	
7	Supply and install Aluminium frame door Type D-3 + accessories		Unit	\$ 350,00	1,00	\$ 350,00	1,00	0,00	\$ -	\$ -	\$ -	\$ 1,00	\$ 350,00	\$ 350,00	\$ -	\$ -	\$ -	\$ 350,00	
8	Supply and install PVC frame door Type D-4 + accessories		Unit	\$ 10,00	1,00	\$ 140,00	5	140,00	0,00	\$ -	\$ -	\$ 1,00	\$ 140,00	\$ 140,00	\$ -	\$ -	\$ -	\$ 140,00	
9	Supply and install Aluminium frame window Type W-1 + accessories		Unit	\$ 340,00	8,00	\$ 2,720,00	5	340,00	0,00	\$ -	\$ -	\$ 8,00	\$ 2,720,00	\$ 340,00	\$ -	\$ -	\$ -	\$ 2,720,00	
10	Supply and install Wooden frame ventilation Type BV-1 + accessories		Unit	\$ 65,00	1,00	\$ 65,00	5	65,00	0,00	\$ -	\$ -	\$ 1,00	\$ 65,00	\$ 65,00	\$ -	\$ -	\$ -	\$ 65,00	
11	Total Doors, windows and ventilation work					\$ 7,565,70					\$ 7,565,70								
G ROOFING WORKS																			
1	FRV Zincalum Roofing		m2	\$ 19,25	225,00	\$ 429,275	5	19,25	34,41	\$ 662,40									
2	Galv. Tinpl. 2"		m	\$ 15,00	277,26	\$ 415,80	5	15,00	5,35	\$ 283,61									
3	Galv. Galvan. Ø 3"		m	\$ 24,00	89,84	\$ 2,156,06	5	24,00	0,00	\$ 6,10									
H CEILING WORK						\$ 10,607,71				\$ 742,71									
1	Steel Ceiling		m2	\$ 4,000	18,00	\$ 72,00	5	40,00	0,00	\$ -	\$ -	\$ 18,00	\$ 72,00	\$ 40,00	\$ 0,00	\$ -	\$ 0,00	\$ 18,00	
2	Catopy (AC), frame and accessories		m2	\$ 5,50,00	12,48	\$ 66,40	5	55,00	0,00	\$ -	\$ -	\$ 12,48	\$ 66,40	\$ 55,00	\$ 0,00	\$ -	\$ 0,00	\$ 12,48	
3	Total Ceiling work					\$ 1,406,40					\$ 1,406,40								
I ELECTRICAL WORKS																			
1	Supply and install panel board weather proof (36) module		Unit	\$ 50,00	1,00	\$ 500,00	\$ 500,00	0,00	\$ -	\$ -	\$ 1,00	\$ 500,00	\$ 500,00	\$ -	\$ -	\$ -	\$ 500,00		
2	Supply and install fan		Unit	\$ 10,00	3,00	\$ 300,00	\$ 100,00	0,00	\$ -	\$ -	\$ 3,00	\$ 300,00	\$ 100,00	\$ -	\$ -	\$ -	\$ 300,00		
3	Supply and install philips lamp 20 watt good quality		Unit	\$ 1,500	8,00	\$ 120,00	\$ 15,00	0,00	\$ -	\$ -	\$ 8,00	\$ 120,00	\$ 15,00	\$ -	\$ -	\$ -	\$ 8,00		
4	Supply and install philips lamp 10 watt good quality		Unit	\$ 1,100	5,00	\$ 55,00	\$ 11,00	0,00	\$ -	\$ -	\$ 5,00	\$ 55,00	\$ 11,00	\$ -	\$ -	\$ -	\$ 5,00		
5	Supply and install power outlet		Unit	\$ 500	6,00	\$ 30,00	\$ 5,00	0,00	\$ -	\$ -	\$ 6,00	\$ 30,00	\$ 5,00	\$ -	\$ -	\$ -	\$ 6,00		
6	Supply and install single pole switch lamp good quality		Unit	\$ 500	30,00	\$ 5,00	\$ 0,00	\$ -	\$ -	\$ 6,00	\$ 30,00	\$ 5,00	\$ -	\$ -	\$ -	\$ 6,00			
7	Supply and install double switch lamp good quality		Unit	\$ 2,00	10,00	\$ 5,00	\$ 0,00	\$ -	\$ -	\$ 2,00	\$ 10,00	\$ 5,00	\$ -	\$ -	\$ -	\$ 6,00			
8	Cable NVM >2,5 mm good quality for installation electrical per room		m	\$ 3,50	200,00	\$ 700,00	\$ 3,50	0,00	\$ -	\$ -	\$ 200,00	\$ 700,00	\$ 3,50	\$ -	\$ -	\$ 200,00	\$ -		
9	Pipe AV for installations electric		Unit	\$ 4,00	50,00	\$ 200,00	\$ 4,00	0,00	\$ -	\$ -	\$ 50,00	\$ 200,00	\$ 4,00	\$ -	\$ -	\$ 50,00	\$ -		
I SANITATION WORK						\$ 1,945,00					\$ 1,945,00								
1	Squat closet colour white + accessories		Unit	\$ 26,00	1,00	\$ 260,00	\$ 260,00	0,00	\$ -	\$ -	\$ 1,00	\$ 260,00	\$ 260,00	\$ -	\$ -	\$ -	\$ 260,00		
2	Cring closet colour white + accessories		Unit	\$ 70,00	1,00	\$ 70,00	\$ 70,00	0,00	\$ -	\$ -	\$ 1,00	\$ 70,00	\$ 70,00	\$ -	\$ -	\$ -	\$ 70,00		
3	Water tank + accessories		Unit	\$ 150,00	1,00	\$ 150,00	\$ 150,00	0,00	\$ -	\$ -	\$ 1,00	\$ 150,00	\$ 150,00	\$ -	\$ -	\$ -	\$ 150,00		
4	Hand shower with valve		Unit	\$ 100,00	1,00	\$ 180,00	\$ 180,00	0,00	\$ -	\$ -	\$ 1,00	\$ 180,00	\$ 180,00	\$ -	\$ -	\$ -	\$ 180,00		
5	Supply and install floor drainage		Unit	\$ 6,00	2,00	\$ 12,00	\$ 6,00	0,00	\$ -	\$ -	\$ 1,00	\$ 12,00	\$ 6,00	\$ -	\$ -	\$ -	\$ 12,00		
6	Pipe PVC AV dia 57 for cold water pipe installation		m	\$ 2,75	100,00	\$ 275,00	\$ 2,75	0,00	\$ -	\$ -	\$ 100,00	\$ 275,00	\$ 2,75	\$ -	\$ -	\$ 100,00	\$ -		
7	Pipe PVC AV dia 3" for waste water pipe installation		m	\$ 14,00	50,00	\$ 1,000,00	\$ 10,00	0,00	\$ -	\$ -	\$ 100,00	\$ 1,000,00	\$ 10,00	\$ -	\$ -	\$ 100,00	\$ -		
8	Spigot tank		Unit	\$ 65,000	1,00	\$ 65,000	\$ 65,000	0,00	\$ -	\$ -	\$ 1,00	\$ 65,000	\$ 65,000	\$ -	\$ -	\$ -	\$ 65,000		
9	Total Sanitation work					\$ 3,472,00					\$ 3,472,00								
I Additional New Item																			
1	Protection painting (not Karet)																		
1	Steel beam ring (SB) 80x60x2 mm		m2																

2	Brinjal colour white + accessories	Unit	\$ 25.00	5.00	\$ 125.00	\$ 25.00	0.00	\$ -	0.00	\$ -	5.00	\$ 125.00	\$ 25.00	0.00	\$ -	0.00	\$ -	5.00	\$ 125.00	
3	Wastafel + accessories include mirror to internal toilet	Unit	\$ 170.00	9.00	\$ 1530.00	\$ 170.00	0.00	\$ -	0.00	\$ -	9.00	\$ 1530.00	\$ 170.00	0.00	\$ -	0.00	\$ -	9.00	\$ 1530.00	
4	Zinc Shower with valve	Unit	\$ 175.00	2.00	\$ 350.00	\$ 175.00	0.00	\$ -	0.00	\$ -	2.00	\$ 350.00	\$ 175.00	0.00	\$ -	0.00	\$ -	2.00	\$ 350.00	
5	Supply and install Floor drainage	Unit	\$ 4.75	12.00	\$ 57.00	\$ 4.75	0.00	\$ -	0.00	\$ -	12.00	\$ 57.00	\$ 4.75	0.00	\$ -	0.00	\$ -	12.00	\$ 57.00	
6	Pipe PVC AW dia 0.5" for cold water pipes installation	m'	\$ 100.00	\$ 250.00	\$ 2.50	0.00	\$ -	0.00	\$ -	100.00	\$ 250.00	\$ 2.50	0.00	\$ -	0.00	\$ -	100.00	\$ 250.00		
7	Pipe PVC dia 3" for waste water pipe installation	m'	\$ 105.00	\$ 105.00	\$ 0.00	\$ -	0.00	\$ -	100.00	\$ 105.00	\$ 0.00	\$ -	0.00	\$ -	100.00	\$ 105.00				
8	Sepptic tank	Unit	\$ 14.00	50.00	\$ 700.00	\$ 14.00	0.00	\$ -	0.00	\$ -	50.00	\$ 700.00	\$ 14.00	0.00	\$ -	0.00	\$ -	50.00	\$ 700.00	
9	Absorption	Unit	\$ 650.00	2.00	\$ 1300.00	\$ 650.00	0.00	\$ -	0.00	\$ -	2.00	\$ 1300.00	\$ 650.00	0.00	\$ -	0.00	\$ -	2.00	\$ 1300.00	
10	Total Sanitation work	Unit	\$ 450.00	2.00	\$ 900.00	\$ 450.00	0.00	\$ -	0.00	\$ -	2.00	\$ 900.00	\$ 450.00	0.00	\$ -	0.00	\$ -	2.00	\$ 900.00	
PART I																				
I Additional New Item																				
<i>Protection Painting (Anti Karat)</i>																				
1	Steel beam ring (SB) 80x80x2 mm	m2																		
2	Steel column (SC) 80x80x2 mm	m2																		
3	Hollow 50x50x2mm (SHS/RHS)	m2																		
4	Hollow 50x50x2mm	roll																		
5	Hollow 50x50x2mm	unit																		
6	Hollow 20x20x1.8mm	unit																		
7	Galvanis 2"	m2																		
8	Galvanis 3"	kg																		
9	Plastic for column protection	kg																		
10	Anchor bolt 16mm-60cm	unit																		
11	Anchor bolt 9mm-60cm	kg																		
12	Plate 6mm (truss support)	kg																		
13	Plate 6mm (column support)	kg																		
14	Plate 9mm (joist/column to truss double, 20x20 cm)	m2																		
15	Base plate 12mm, 2.5x2.5 cm	m2																		
16	Base plate 14mm, 3.0x3.0 cm	m2																		
17	Gleched plate (top) (lower)	m2																		
26	AC 2 PK + All accessories	unit																		
27	AC 1 PK + all accessories	unit																		
28	AC 0.5 PK + all accessories	unit																		
BAK3 II																				
II Additional New Item																				
Preparation & Demolish (Pembongkaran, pemukiman, serta pembersihan gedung)																				
1																				
Concrete, *reinforcement																				
Frame (SHS/jHHS) & inc/eng																				
Cutting/notification SHS as it's necessary for strengthening the column and beam [to combine SHS and Concrete]. Find methods of implementation attach and communication with Relevant The Engineer																				
2	Ordinary block wall masonry (1 cement, 4 sand)	m2	\$ 6.160	3.20	\$ 197.12	\$ -	3.20	\$ 197.12	\$ 51.33	3.20	\$ 164.76	0.00	\$ -	3.20	\$ 164.76	0.00	\$ -	3.20	\$ 164.76	
3	Ordinary wall plaster interior [1 cement, 5 sand]	m2	\$ 1.04	660.75	\$ 667.10	\$ -	660.75	\$ 667.10	\$ 0.44	660.75	\$ 290.73	0.00	\$ -	660.75	\$ 290.73	0.00	\$ -	660.75	\$ 290.73	
4	Ordinary wall plaster exterior [1 cement, 5 sand]	m2	\$ 580.67	1.00	\$ 580.67	\$ -	1.00	\$ 580.67	\$ 200.00	1.00	\$ 200.00	0.00	\$ -	1.00	\$ 200.00	0.00	\$ -	1.00	\$ 200.00	
5	Cement render - interior	m2	\$ 5.14	963.50	\$ 4923.29	\$ -	963.50	\$ 4923.29	\$ 4.92	963.50	\$ 4.92	4.92	\$ 4.92	4.92	\$ 4.92	4.92	\$ 4.92	4.92	\$ 4.92	
6	Wall painting, Interior [stain prime + final 2x]	m2	\$ 3.19	352.79	\$ 181.31	\$ -	332.79	\$ 181.31	\$ 4.92	332.79	\$ 173.50	0.00	\$ -	352.79	\$ 173.50	0.00	\$ -	352.79	\$ 173.50	
7	Wall painting - Exterior [prime + final 2x]	m2	\$ 4.07	662.25	\$ 3.56	\$ -	662.25	\$ 3.56	\$ 662.25	\$ 3.56	\$ 3.062.49	0.00	\$ -	662.25	\$ 3.062.49	0.00	\$ -	662.25	\$ 3.062.49	
8	Concrete Column 20x200 mm - combine SHS with concrete [using concrete vibrator]	m3	\$ 121.46	117.6	\$ 142.87	\$ -	117.6	\$ 142.87	\$ 142.00	117.6	\$ 1.669.92	0.00	\$ -	117.6	\$ 1.669.92	0.00	\$ -	117.6	\$ 1.669.92	
9	Concrete Beam [blok/lat] 150x200 mm - combine SHS with concrete [using concrete vibrator]	Concrete Reinforced Formwork m3	\$ 1.59	194.00	\$ 3.087.78	\$ -	0.86	194.00	\$ 3.087.78	1.00	194.00	\$ 1.942.00	0.00	\$ -	194.00	\$ 1.942.00	0.00	\$ -	194.00	\$ 1.942.00
10	Celing Work	unit	\$ 29.56	0.95	\$ 25.54	\$ -	0.86	25.54	\$ 30.00	0.86	25.54	\$ 0.00	0.00	\$ -	0.00	0.00	0.00	\$ 0.00	\$ 0.00	
10 PVC (Indonesian standard best quality), frame		n'																		
			\$ 16.08	600.00	\$ 9.648.00	\$ -	9.61	600.00	\$ 9.648.00	\$ -	9.61	600.00	\$ 5.766.00	0.00	\$ -	600.00	\$ 5.766.00	0.00	\$ 5.766.00	

	PVC (Indonesian standard best quality)	\$ 5.307.50	\$ 0.00	\$ -	\$ 386.00	\$ 4.894.48	\$ 5.307.50
Total Additional		\$ 5.307.50	\$ 0.00	\$ -	\$ 494.00	\$ 805.22	\$ 5.307.50
GRAND TOTAL - DORMITORY BUILDING		\$ 5.307.50	\$ 0.00	\$ -	\$ 494.00	\$ 805.22	\$ 5.307.50
4 MEETING ROOM		\$ 5.307.50	\$ 0.00	\$ -	\$ 494.00	\$ 805.22	\$ 5.307.50
A PREPARATION WORKS		\$ 5.307.50	\$ 0.00	\$ -	\$ 494.00	\$ 805.22	\$ 5.307.50
Total Preparation work		\$ 5.307.50	\$ 0.00	\$ -	\$ 494.00	\$ 805.22	\$ 5.307.50
B EARTH, Stone and Sand work		\$ 5.307.50	\$ 0.00	\$ -	\$ 494.00	\$ 805.22	\$ 5.307.50
1 Excavation foundation	m ²	\$ 1.00	\$ 202.50	\$ 202.50	\$ 1.00	\$ 0.00	\$ 202.50
2 Sand filling under foundation	m ³	\$ 200.00	\$ 1.00	\$ 200.00	\$ 0.00	\$ 0.00	\$ 202.50
3 Lean concrete for footpath	m ³	\$ 100.00	\$ 1.00	\$ 100.00	\$ 0.00	\$ 0.00	\$ 202.50
4 Soil Backfill	m ³	\$ 100.00	\$ 1.00	\$ 100.00	\$ 0.00	\$ 0.00	\$ 202.50
5 Sand filling under floor	m ³	\$ 12.00	\$ 6.73	\$ 80.76	\$ 12.00	\$ 5.85	\$ 12.00
6 Selected material for levelling floor	m ³	\$ 13.00	\$ 5.616	\$ 77.38	\$ 13.00	\$ 5.77	\$ 12.00
7 Rip-rap works	m ³	\$ 35.00	\$ 1.40	\$ 49.00	\$ 35.00	\$ 2.68	\$ 65.95
8 Stone masonry works	m ³	\$ 80.00	\$ 0.76	\$ 60.80	\$ 80.00	\$ 2.68	\$ 93.80
Total Earth, stone and sand work		\$ 1.069.23	\$ 0.00	\$ 3.344.20	\$ 0.00	\$ 4.497.71	\$ 3.344.20
C MASONRY WORK AND RENDER		\$ 1.069.23	\$ 0.00	\$ 3.344.20	\$ 0.00	\$ 4.497.71	\$ 3.344.20
1 Wall Zinc:	m ²	\$ 10.75	\$ 71.400	\$ 13.387.50	\$ 18.75	\$ 0.00	\$ 521.50
2 Profile L 50x50x5mm	kg	\$ 1.80	\$ 131.950	\$ 2.375.10	\$ 1.80	\$ 0.00	\$ 131.950
2a Hollow 50x50x5mm (SIN RISI)	kg	\$ 2.00	\$ 5	\$ 2.00	\$ 999.11	\$ 1.998.22	\$ 2.00
Total Masonry work and render		\$ 15.762.60	\$ 0.00	\$ 1.998.22	\$ 12.154.65	\$ 5.206.19	\$ 1.998.22
D FLOOR WORK		\$ 15.762.60	\$ 0.00	\$ 1.998.22	\$ 12.154.65	\$ 5.206.19	\$ 1.998.22
1 Ceramist floor 60x60x60 mm for main building type as drawing	m ²	\$ 30.00	\$ 142.00	\$ 4.268.00	\$ 30.00	\$ 0.00	\$ 11.50
2 Concrete tappings for floor work	m ³	\$ 140.00	\$ 6.73	\$ 942.20	\$ 140.00	\$ 2.41	\$ 336.70
Total floor work		\$ 5.202.20	\$ 0.00	\$ 336.70	\$ 345.00	\$ 5.202.20	\$ 345.00
E CONCRETE WORKS		\$ 5.202.20	\$ 0.00	\$ 345.00	\$ 5.202.20	\$ 345.00	\$ 5.202.20
1 Concrete footplate 600x600 mm							
Concrete 25 MPa	m ³	\$ 145.00	\$ 1.37	\$ 198.36	\$ 165.00	\$ 1.23	\$ 178.73
Reinforced	kg	\$ 1.00	\$ 599.69	\$ 599.69	\$ 1.00	\$ 0.00	\$ 402.34
Formwork	m ²	\$ 21.00	\$ 6.49	\$ 136.31	\$ 21.00	\$ 19.16	\$ 25.65
2 Concrete footplate 600x600 mm							
Concrete 25 MPa	m ³	\$ 145.00	\$ 0.64	\$ 92.80	\$ 165.00	\$ 0.12	\$ 17.40
Reinforced	kg	\$ 1.00	\$ 281.07	\$ 281.07	\$ 1.00	\$ 0.00	\$ 210.22
Formwork	m ²	\$ 21.00	\$ 2.29	\$ 48.12	\$ 21.00	\$ 4.11	\$ 6.40
3 Concrete slab 150x250 mm (S-2)							
Concrete 25 MPa	m ³	\$ 145.00	\$ 3.26	\$ 472.70	\$ 15.00	\$ 0.67	\$ 96.61
Reinforced	kg	\$ 1.00	\$ 461.28	\$ 461.28	\$ 1.00	\$ 16.17	\$ 16.17
Formwork	m ²	\$ 30.00	\$ 21.73	\$ 651.84	\$ 30.00	\$ 17.53	\$ 526.04
4 Concrete slab 200x300 mm (S-1)							
Concrete 25 MPa	m ³	\$ 145.00	\$ 0.90	\$ 130.50	\$ 15.00	\$ 0.00	\$ 0.04
Reinforced	kg	\$ 1.00	\$ 200.57	\$ 200.57	\$ 1.00	\$ 0.00	\$ 90.79
Formwork	m ²	\$ 30.00	\$ 4.50	\$ 135.00	\$ 30.00	\$ 4.14	\$ 124.20
5 Steel beam Hdg (SB) 80x80x2 mm	kg	\$ 2.00	\$ 613.89	\$ 1.627.78	\$ 2.00	\$ 0.00	\$ 569.72
Steel beam Hdg (SB) 100x100x3 mm	kg	\$ 2.00	\$ 792.67	\$ 1.585.35	\$ 2.00	\$ 0.00	\$ 1.139.44
6 Steel column (SC) 80x80x2 mm	kg	\$ 2.00	\$ 334.10	\$ 668.19	\$ 2.00	\$ 0.00	\$ 421.96
7 Steel column (SC) 100x100x3 mm	kg	\$ 2.00	\$ 565.20	\$ 1.132.39	\$ 2.00	\$ 0.00	\$ 1.163.39
8 Ba Steel column (SC) 150x150x6 mm	kg	\$ 2.00	\$ -	\$ 2.00	\$ 1659.08	\$ 3.278.16	\$ 1659.08
9 Steel Sain:							
(a) Hollow 50x10x2.8mm	kg	\$ 2.00	\$ 154.87	\$ 309.74	\$ 2.00	\$ 40.31	\$ 80.63
Hollow 50x10x2.8mm	kg	\$ 2.00	\$ 225.06	\$ 450.12	\$ 2.00	\$ 294.50	\$ 581.00
Hollow 50x10x2.8mm	kg	\$ 2.00	\$ 59.66	\$ 119.73	\$ 2.00	\$ 356.93	\$ 57.65
Plate steel 1x3mm	m ²	\$ 40.50	\$ 12.60	\$ 51.50	\$ 40.50	\$ 8.81	\$ 21.47
Total Concrete work		\$ 3.75	\$ 34.20	\$ 18.25	\$ 3.75	\$ 34.20	\$ 12.080.05
F DOORS, WINDOWS And VENTILATIONS WORKS		\$ 9.947.68	\$ 0.00	\$ 5.744.50	\$ 3.624.13	\$ 12.080.05	\$ 5.733.84
1 Supply and install Aluminium frame door Type DW-1*	Unit	\$ 1.175.30	\$ 2.350.60	\$ 1.175.30	\$ 0.00	\$ 0.00	\$ 2.350.60
accessories	Unit	\$ 340.00	\$ 1.00	\$ 340.00	\$ 0.00	\$ 0.00	\$ 1.00
2 Supply and install Aluminium frame window Type WV-1*	Unit	\$ 340.00	\$ 8.00	\$ 272.00	\$ 340.00	\$ 0.00	\$ 340.00
accessories	Unit	\$ 340.00	\$ 8.00	\$ 340.00	\$ 0.00	\$ 0.00	\$ 8.00
Total Doors, windows and ventilation work		\$ 5.410.60	\$ -	\$ -	\$ -	\$ -	\$ 5.410.60

Prik 3													
I		Prik 3-1											
II		Prik 3-2											
G	ROOFING WORKS	m ²	\$	19,00	161,94	\$	3.074,95	\$	19,00	3,70	\$	70,33	\$
1	ETP Zincalum Roofing	m	\$	14,00	108,00	\$	1.512,00	\$	14,00	0,00	\$	-	\$
2	Galv. Rulin Ø 3"	m	\$	24,00	24,24	\$	581,76	\$	24,00	0,00	\$	-	\$
3	Galt. Rafter Ø 3"	m	\$	70,00	70,00	\$	196,93	\$	2,00	0,00	\$	-	\$
4	Name Board	Unit	\$	2,00	97,47	\$	1,00	\$	1,00	0,00	\$	-	\$
5	Hollow steel 80x80x2 mm	kg	\$	2,00	497,00	\$	994,00	\$	2,00	0,00	\$	-	\$
	Total Roofing work				\$ 7,057,65		\$ 70,33		\$ 16,15		\$ 7,111,83		\$ 1,880,70
II ELECTRICAL WORKS													
1	Supply and install panel board weather proof (36) module good quality for connected ETL to internal building	Unit	\$	365,70	1,00	\$	365,70	0,00	\$	-	\$	-	\$ 365,70
2	Supply and install philips lamp 20 watt good quality	Unit	\$	15,00	7,00	\$	105,00	\$	15,00	0,00	\$	-	\$ 105,00
3	Supply and install power outlet	Unit	\$	5,00	6,00	\$	30,00	\$	5,00	0,00	\$	-	\$ 30,00
4	Supply and install single switch lamp good quality per room	Unit	\$	5,00	6,00	\$	30,00	\$	5,00	0,00	\$	-	\$ 30,00
5	Cable IYM 3x2,5 mm good quality for installation electrical	m	\$	3,50	300,00	\$	3,50	0,00	\$	-	\$ 300,00		\$ 1,050,00
6	Prep AV for installation electric	Unit	\$	4,00	75,00	\$	300,00	\$	4,00	0,00	\$	-	\$ 300,00
	Total Electrical work				\$ 1,880,70		\$ -		\$ -		\$ -		\$ 1,880,70
Prik 3-3													
I		Additional New Item											
Protection Painting (Anti Koros)													
1	Steel beam ring (S91) 80x80x2 mm	m ²			\$ 3,04		44,48	\$	170,80	\$ 3,75	44,48	\$	44,48
2	Steel column (SC) 80x80x2 mm	m ²			\$ 3,94		36,22	\$	139,09	\$ 3,75	36,22	\$	36,22
3	Steel columns (SC) 40x40x2 mm	m ²			\$ 3,84		22,12	\$	5,76	\$ 3,75	135,03	\$	135,03
4	Hollow 50x50x2mm (SIS/RHS)	m ²			\$ 3,94		81,57	\$	313,22	\$ 3,75	51,56	\$	21,60
5	Galvanis 3"	m ²			\$ 3,84		17,24	\$	66,21	\$ 3,75	81,57	\$	305,98
6	Galvanis 3'	m ²			\$ 3,84		21,67	\$	5,64	\$ 3,75	64,66	\$	17,24
7	Plastic for column protection	roll			\$ 5,20		2,00	\$	10,40	\$ 5,20	2,00	\$	5,64
8	Anchor bolt 16mmx60cm	unit			\$ 7,50		0,00	\$	-	\$ 0,00	\$ 0,00	\$	2,16
9	Anchor bolt 19mmx60cm	unit			\$ 9,50		0,00	\$	-	\$ 0,00	\$ 0,00	\$	10,40
10	Plate 6mm (truss support)	kg			\$ 1,95		5,47	\$	10,56	\$ 1,95	5,47	\$	12,91
11	Plate 6mm (column support)	kg			\$ 1,95		26,58	\$	51,83	\$ 2,36	26,58	\$	26,58
12	Plate 9mm (joint column to truss, double, 20x20 cm)	kg			\$ 1,95		107,39	\$	209,41	\$ 2,36	107,39	\$	209,41
13	Base plate 12mm, 25x25mm	kg			\$ 2,05		0,00	\$	-	\$ 0,00	\$ 0,00	\$	253,44
14	Base plate 16mm, 30x30mm	kg			\$ 2,05		0,00	\$	-	\$ 0,00	\$ 0,00	\$	253,44
15	Checked plate floor (tower)	kg			\$ 1,95		0,00	\$	-	\$ 0,00	\$ 0,00	\$	107,39
	Total				\$ -		\$ -		\$ -		\$ -		\$ 1,880,70
BART II													
II Additional New Item													
Preparation & Demolish (Pembongkaran, paripihan, serta pembrisahan setakelus)													
Concrete, +reinforcement Frame (SIS/RHS) & zinc/seng		m ³	\$	61,60	1,04	\$	61,60	0,53	\$	32,52	\$ 51,33	\$ 0,53	
Curing/modification SIS/RHS if necessary for strengthening the column and beam (to combine SIS and Concrete). Find methods of implementation attach and communication with relevant The Engineer.		m ³	\$	165,70		\$	203,10		\$ 211,22	\$ 0,44	203,10	\$ 89,16	
2. Ordinary block wall masonry (1 cement: 4 sand)		m ²			\$ 13,05		13,85		161,30	\$ 2,517,93	\$ 14,01	\$ 181,80	
3. Ordinary wall plaster - interior (1 cement: 5 sand)		m ²			\$ 5,14		5,14		118,21	\$ 1,08,71	\$ 4,92	\$ 25,47,02	
4. Ordinary wall plaster - exterior (1 cement: 5 sand)		m ²			\$ 5,14		5,14		170,10	\$ 87,41	\$ 4,92	\$ 23,10	
5. Cement render - interior only		m ²			\$ 3,19		3,19		230,10	\$ 73,42	\$ 3,30	\$ 133,09	
6. Wall painting - interior [paint+prime + finish 2x]		m ²			\$ 4,07		4,07		97,60	\$ 24,00	\$ 97,60	\$ 83,69	
7. Wall painting - Exterior [prime + final 2x]		m ²			\$ 3,90		3,90		170,10	\$ 66,39	\$ 3,56	\$ 23,10	
8. Concrete Column 200x200 mm, combine SIS with concrete (using concrete vibrator)		m ³	\$	121,46	1,59	\$	121,46	3,98	\$	3,88	\$ 471,36	\$ 3,88	
Concrete Reinforced Formwork		m ²	\$	29,56		\$	29,56	1,59	\$	582,12	\$ 925,57	\$ 1,00	
9. (Concrete Beam (blanket) 150x200 mm - combine SIS with concrete (using concrete vibrator))		m ³	\$	121,46	1,59	\$	121,46	2,41	\$	292,38	\$ 142,00	\$ 2,41	
Concrete Reinforced Formwork		m ²	\$	29,56		\$	29,56	1,59	\$	531,66	\$ 334,38	\$ 0,00	
	Total				\$ 66,30		\$ 1,959,83		\$ 30,00	\$ 66,30	\$ 1,959,83		\$ 66,30



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

NOTA DE DESPAICHO

1. ORIGEM DO DOCUMENTO

N Ref: 815/ DNA-DGAF / MI//VIII/2025

Data do Documento : 22 /08 /2025

Proveniência do Documento

Ministeriu Interior

2. DETALHES DO DOCUMENTO

Data Entrada do Documento: 22 / 8 /2025

Enviado ao:

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

Assunto:

Nota Akomapañamentu- (Husu Autorizasaun atu hetan Deliberaсаun liga ba projeto Postu UPF Integrado 6)

3. INSTRUÇÃO DO DIRETOR DO SGP

Data do Despacho: 238 /2025

Para Sr/a

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

Despacho:

Hore Asetu id ue

Assinatura :


Mauricio Borges



MINISTÉRIO DO INTERIOR
DIREÇÃO-GERAL DE ADMINISTRAÇÃO E FINANÇAS
DIREÇÃO NACIONAL DE APROVISIONAMENTO



Data/ Date:

22 fulan Agustu tinan 2025

Nú, Oficio: 815 /DNA-DGAF/MI/VIII/2025

Para/ To :
Ex^{mo}. Dirétor Secretariado dos Grandes Projectos (SGP)
Sr. Mauricio Borges

Assunto : Nota Acompanhamento

(Husu Autorizaun atu Hetan Kartu Deliberaun liga ba projeto Posto UPF Integrado 6)

Ho Respeito,

Baseia ba assunto iha leten, Diretor DNA-MI hakarak relata ba ex^{mo}.Dirétor SGP konaba Autorizaun atu hetan karta Deliberaun Cafi liga ba projeto Posto UPF Integrado 6 (RAEOA, Covalima no Bobonaro) ne'ebé maka hetan ona finalizaun husi Auditoria Inspexsaun Geral (IG), no propoint obra referre nafatin kontinua. Ho nune'e iha loron 17 de Julho 2025 hetan ona aprovasaun husi CAFI, husu ba Ex^{mo}. Dirétor Secretariado dos Grandes Projectos (SGP),bele fo sai deliberaun ba projeto Posto UPF Integrado 6 (RAEOA, Covalima no Bobonaro) atu bele kontinua hikas ba obra refere.

Anexo Rejultado Final Auditoria

Maka ne'e deiit ba Ex^{mo} Sr. Diretor nia atensaun no servisu hamutuk, hato'o obrigado wain.


João da Cruz, SE.M.S.I.
Diretor DNA



**IX GOVERNO
CONSTITUCIONAL**

Avenida dos Martires da Pátria, Vila-Verde, Dili, Timor-Leste (+670) 77873657



**MINISTÉRIO DO INTERIOR
GABINETE DE MINISTRO DO
INTERIOR**

FORMULÁRIO DESPACHO

Classificação: Normal Urgente Muito Urgente

ORIGEM DA CARTA : GIA

Nu.Ref : 136/GIA/MI/VI/2025

DATA CARTA : 02/07/2025

ASSUNTO : Resultado Encontru entre GIA ho Partes Teknikos M.I (Doc.Original Anexo).

DATA DE ENTRADA : 02/07/2025

NU.REGISTO : 1623

DATA DESPACHO DO MINISTRO DO INTERIOR : 02/07/2025

Bazeia ba Despacho husi S.E. Ministru Interior mak hanesan tuir mai :

- DNA e Assesores Tecnicos Adelino e Marcelo.
- Hato'ó ba MPIE no Caffi.

<input type="checkbox"/>	DNSR
<input type="checkbox"/>	DNRH
<input type="checkbox"/>	CG.M.I
<input type="checkbox"/>	GPE
<input type="checkbox"/>	DGAF-MI
<input type="checkbox"/>	DGSM-MI
<input type="checkbox"/>	SEPC
<input type="checkbox"/>	CG-PNTL
<input type="checkbox"/>	GIA

<input type="checkbox"/>	DNAP
<input type="checkbox"/>	DNPCC
<input type="checkbox"/>	DNFO
<input checked="" type="checkbox"/>	DNA
<input type="checkbox"/>	DGSPC
<input type="checkbox"/>	ASSESSORES
<input type="checkbox"/>	LOGÍSTICA

OUTROS

*Assesores Adelino
e Marcelo*

Secretaria Ezekutiya Ministru Interior

Deliana dos Santos da Silva Monteiro



IX GOVERNO
CONSTITUCIONAL

DNA
Tecnicos
Adelino

e Assesores
Adelino

MINISTÉRIO DO INTERIOR
Gabinete de Inspeção e Auditoria

Oficio nro. MI/136/GIA/MI/VI/2025
Dili 2 de Julho de 2025

MPF/136

Hato' o ba : Sua Ex^{cia}, Ministro do Interior
Dr. Francisco da Costa Guterres, PhD

Klasifikasiastun : Urgente

Assunto : Resultado Encontro entre GIA ho Partes Teknikos MI. (Doc Original Anexo)

Excelênciia,

Baseia ba despacho Sua Excia MI ba Relatorio IGE nu.10/IGE/APTL/VI/2025 de Junho 2025, Hanesan :- GIA - Hamutuk ho Assesores Tecnicos DNA Sr Adelino Sr Marcelo hore ida nee no Resolve e Urgente - Depois Informa mai hau , maka iha dia 1 de Junho de 2025 loraik horas 15.15 iha Gabinete da Inspeção e Auditoria ho presencia Teknikos DNA - MI hanesan Sr Adelino S A, Sr Marcelo S, Sr Angelo de J do Rego, Sra Leonilde I B do Rego, inklul mos husi Inspetora no tekniko GIA Sr Jose Antonio Oliveira, hodí hamutuk inteira relatorio Auditoria husi IGE maka resulta Observasaun hamutuk hanesan :

1. Base ba Auditoria nee IGE verifika katak Projeto kazernas 6 UPF implementa iha Governo Anterior ltu husi CNA baseia ba Contrato nebe hahu husi tinan 2022 too 2023 ho osan montante USD 1,969.097.32, nebe verifika katak processo implementa baseia ba Contrato nomos pagamentos baseia ba verifikasiastun ADN nebe pago ona total USD 795.233.73 (40,38%).
2. IGE Identifika Inkumprimentu ba Contrato iha Implementasaun projeto no nia Estensaun,nebe companhias la konsege finaliza tuir tempo determinado.
3. IGE Identifika Inefisiensia, Inefikasia, Inkumprimento Legal no la fo benefisio hanesan :
 - Eziste defisiensias iha Processo Aprovisionamento no kontratasan hanesan : Eziste Empreza Singular deit maka kompete iha processo submissaun BoQ too Kontratasan, Eziste lista destrubuisaun dokumentos tender nebe hamosu duvidas, Proprietario Projeto laiha Arkivamentos documentos ba processo Aprovisionamento, no La Utiliza Lian Oficial iha Kontrato.
4. IGE Identifika mos katak : Eziste kondisaun preokupantes iha Implementasaun projeto kazernas UPF 6 refere hanesan : Kondisaun kazernas balu finaliza ona malbe sei iha faltas lubuk ida nomos kondisoes balu hatudo besi feruzen barak, nomos Tuir

02/07/2025

1623
S : 0919
Ora
Sr. Beardo

verifikasi saun IGE katak wainhira Governo hapara projetos iha tinan 2023, laiha desizaun administrativa ruma, Finalizasaun projeto iha tempo anterior tama companhia hasoru difikuldade ba akizisaun modelo material balu nebe tenki hola iha rai fiur, Aumenta mos ho tempo de verifikasi saun husi ADN nebe lor tempo naruk.

5. IGE Observa katak Utilizasaun Besi no Kalen ba kazernas UPF :

- **La Konfortavel** tama prezudika temperatura urna laran manas liu, liulu ba Postos nebe besik Tasi ibun;
- **Inseguransa** tama bele kria oportunidade ba pessoal irresponsavel balu, hodi halo lasu ba sirkuitu eletrika, hodi desturba Ordem Fronteria;
- **Risko Eletresidade** tama hafraku rezistensia flu eletresidate nia, hodi implika ba sirkuitu.

6. IGE iha Auditoria nee **Respeita no Aceita tebes ba desizaun Governo actual ba Re-desenho projetos UPF 6** refere, tama tuir sira nia Auditoria iha kondisoes geral (konklui iha Relatorio Auditoria)) katak iha partes balu projeto nee, tenki hetan atensaun.

7. IGE Sujere atu mantein Kakuluk Kazerna nebe representa arquitetura tradicional Nasaun Timor leste.

Baseia ba relatorio IGE, maka GIA ho teknikos DNA, **Observa** katak :

- a. Governo liu husi Ministero do Interior **tenki konsidera** Resultado Auditoria IGE ba Projetos kazernas 6 iha UPF, Nebe tenki sai atensaun , liu liu iha parte Rekomendasoes no konklusoes iha relatorio Auditoria nee.
- b. GIA nomos Teknikos DNA **Rekomenda** mos ba Governo-MI atu tau atensaun iha processo de kontinuasaun Re-desenho no nia implementasaun, nebe tenki asegura ho desizaun Ruma, baseia ba rekomendasau IGE.

Depois de encontro entre GIA ho Teknikos DNA, konklui no **Rekomenda** ba Sua Excia Ministro do Interior atu haktuir Relatorio Auditoria IGE ba Sua Excia MPIE nomos CAFI nia konsiderasaun ba kontinuasaun processo konstrusaun projetos UPF 6 , ho atensaun nafatin ba rekomendasoes IGE.

Maka nee deit GIA ho teknikos DNA sira nia resultado encontro ba Sua Excia MI nia apresiação no decisão.





**IX GOVERNO
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**MINISTÉRIO DO INTERIOR
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Avenida dos Martires da Pátria, Vila-Verde, Dili, Timor-Leste (+670) 77873657

FORMULÁRIO DESPACHO

Classificação: Normal Urgente Muito Urgente

ORIGEM DA CARTA : Inspeção Geral do Estado

Nu.Ref : 032/IGE/APTL/VI/2025

DATA CARTA : 24/06/2025

ASSUNTO : Aprezentasau Relatorio Final kona-ba Auditoria ba Konstrusaun Kazernas foun UPF iha Postu Integrado RAEOA, Bobonaro no Covalima.

DATA DE ENTRADA : 24/06/2025

NU.REGISTO : 1553

DATA DESPACHO DO MINISTRO DO INTERIOR : 30/06/2025

Bazeia ba Despacho husi S.E. Ministro Interior mak hanesau tuir mai :

- **GIA**
- Hamutuk ho Assesores Técnicas DNA Sr. Adelino Sr. Marcelo hare ida ne'e no Rezolve e Urgente.
- Depois informa mai hau.

<input type="checkbox"/> DNSR	<input type="checkbox"/> DNAP
<input type="checkbox"/> DNRH	<input type="checkbox"/> DNPCC
<input type="checkbox"/> CG.MI	<input type="checkbox"/> DNFO
<input type="checkbox"/> GPE	<input type="checkbox"/> DNA
<input type="checkbox"/> DGAF-MI	<input type="checkbox"/> DGSPC
<input type="checkbox"/> DGSM-MI	<input type="checkbox"/> ASSESSORES
<input type="checkbox"/> SEPC	<input type="checkbox"/> LOGISTICA
<input type="checkbox"/> CG-PNTL	
<input checked="" type="checkbox"/> GIA	<input type="checkbox"/> OUTROS

Secretaria Ezekutiya Ministru Interior

Deliana dos Santos da Silva Monteiro



REPÚBLICA DEMOCRÁTICA DE TIMOR-LESTE
Inspecção Geral do Estado

Avenida dos Direitos Humanos
Lecidere, Dili, Timor-Leste
Telefone +670-3310551

OFÍCIO NO. 032/IGE/APTL/VI/2025

Exelénsia : Primeiru-Ministru, RDTL,
Sr. Kay Rala Xanana Gusmão

Kópia : Sua Ex.^{sia} Ministru Prezidénsia Konselu Ministrus,
Sr. Hermenegildo Augusto Cabral Pereira

Sua Ex.^{sia} Ministru Interior,
Sr. Francisco da Costa Guterres, PhD

Asuntu : Aprezentasau Relatório Finál Kona-ba Auditoria ba Konstrusaun Kazernas Foun UPF iha Postu Integradu RAEOA, Bobonaro no Covalima.

Referénsia : Relatório Inspetor-Geral do Estado No.: 10/IGE/APTL/VI/2025

Exelénsia,

Konforme instrusaun husi Sua Exelénsia Ministra Finansas, liu husi pedidu UIJ-MF (*Inspetór Jerál Unidade Inspesaun Jerál-Ministériu Finansas*), ho número 4/MARSU/2025/UIJ-MF datadu 06 marsu 2025, ne'ebé husu ba IGE (*Inspecção Geral do Estado*) atu halo koordenasaun servisu ho GIA-MPIE (*Gabinete Auditoria Interna Ministériu Planeamentu no Investementu Estratéjiku*) hodi realiza auditoria ba pedidu husi Sua Exelénsia Ministru Interior liu husi ofisiu No. 07/G-MI/I/2025, datadu 13 Janeiru 2025, ne'ebé dirije ba MF hodi husu atu halo auditoria interna ba kualidade konstrusaun kazerna foun 6 ba postu Unidade Polisia Fronteiras (UPF)-PNTL, ne'ebé sei pendente ka paradu hela.

Ho nune'e maka akordu ho Dekretu-lei n.º 22/2009, datadu 10 Juñu, estatutu IGE, ne'ebé atribuídu hodi hala'o inspesaun no auditoria ba entidade públiku hotu iha Governu nia mahon, ho nune'e maka ekipa ida husi IGE realiza no finaliza-oma atividade auditoria referidu, ho nune'e maka iha biban ida ne'e ho respeitu apresenta ba Sua Exelénsia relatório finál (iha aneksu) hodi bele hetan apresiasaun no konsiderasaun no mós foti desizaun ka instrusaun ne'ebé konveniente.

Konforme relatório refere, summariza deit katak:

1. Projetu konstrusaun kazernas UPF 6 iha postu fronteira Mota-Ain, Tunubíbi, Mota-Masín, Sakato, Oesilo no Citarana ne'ebé realizadu husi Governu anterior, ho nia p'msesu aprovizionamentu CNA husi 09 setembru 2021 to'o 15 Dezembru 2021 no, konstrusaun iha infisiu tinan 2022 to'o 2023, maibé la konsege finaliza konforme kontratu, hafoin suspende provizóriu husi Governu atuál liu husi MI to'o chin-forón.

24/06/2025

IS 53

16 : 15 : 32

2. Totál orsamentu alokadu ba projetu 6 refere hamutuk USD 1,969,097.32, pagamentu ona ho totál USD 795,233.73 (40,38%), saldo ho total USD 1,173,863.59. Aleinde ne'e, iha mós kustu adisionál ne'ebé hetan ona verifikasi saun husi ADN ho montante hamutuk USD 788,873.83, ho nune'e totál akumulativu hamutuk USD 2,757,971.15.
3. Eziste inkumprimentu ba kontratu servisu iha implementasaun projetu konstrusaun kazernas 6 refere tanba, mesmu kompañia halo ona estensaun ba kontratu dala rua maibé la konsege finaliza tuir períodu determinadu.
4. Eziste inefisiensia, inefikásia, inkumprimentu legál no la fo'o benefísiu tanba mesmu projetu kazernas refere ho modelu no estrutura ne'ebé simples mas nia inísiu implementasaun iha koresaun barak no obstáku lu oi-oin, implika prosesu implementasaun hodi la-finaliza tuir kalendáriu ka períodu kontratu orijinal/primeiru nian ne'ebé eziste defisiénsia iha prosesu aprovizionamentu no kontratasau, no mós ho kondisaun preukupantes iha implementasaun hanesan tuir mai ne'e:
- 4.1 Eziste defisiénsias iha prosesu aprovizionamentu no kontratasau:
- 1) Eziste empreza singular deit mak kompete iha prosesu submissaun dokumentus BoQ to'o kontratasau ba projetu konstrusaun kazerna UPF iha postu fronteira Mota-Masin, Munisipiu Covalima.
 - 2) Eziste lista distribuisaun dokumentus tenderizasaun ne'ebé hamosu dúvidas tanba iha empreza balu mak naran selecionadu ona husi komisaun wainhira halo distribuisaun "bidding dokument".
 - 3) Proprietáriu projetu laiha arkivamente dokumentus relaciona prosesu aprovizionamentu no pagamentu ne'ebé realizadu, maibé arkiva deit iha CNA no SGP ne'ebé laos nain ba projetu.
 - 4) La-utiliza ou laiha tradusaun lian ofisiál Tetun ou Portugés iha kontratu servisu ba projetu konstrusaun kazernas UPF 6 referidu, konforme sitadu iha dekretu-lei n.º 12/2005, maibé utiliza deit lian Inglés.
- 4.2 Eziste kondisaun preukupantes iha implementasaun projetu kazernas foun 6 ba UPF:
- 1) Kondisaun atuál/fíziku ba projetu kazernas UPF 6 refere, hatudu katak kazerna postu Mota-Ain no Oesilo kuaze finaliza tanba, didin no taka ona kakuluk, falta nahe serámika, instalasaun odamatan, janela no haris fatin. Enkuantu postu 4 seluk seidauk taka kakuluk, balu foin taka sorin deit, balu foin didin kompletu. Maioria uma laran foin nahe simentu grosu no simentu balu mós hahu nakfera. Besi hirak ne'ebé utiliza ba rín no estrutura didiri nian, komesa fernufen ona.
 - 2) Projeto hirak ne'e Governu liu husi MI mak hapara/suspende provizóriu iha finan 2023, maibé ho verbalmente deit husi Sua Excelénsia Ministru Interior, administrativamente la-iha karta rumo husi ministériu relevante hoái ofisializa orientasaun refere.

- 3) Finalizasaun ba kontrusaun kazernas refere aírazu tanba kompaña sira hasoru difikuldade ba akizisaun kallen ho modelu kurvadu, labele halo iha teritoriu nasional, maibé tenke sosa no silu kurvadu kedes iha nasaun Indonesia no presiza tempu naruk hodi desloka materiál hirak ne'e to'o iha fatin projetu.

Aleinde ne'e, prosesu verifikasi saun husi ADN iha tempu ne'eba, ba progresu konstrusaun nian ne'ebé nesesita tempu lubuk hodi finaliza. No rezultadu teste ADN nian ba materiál konstrusaun mós presiza tempu naruk no kompaña tenke hein rezultadu sai hafoin bele kontinua fali servisu.

- 4) Kompaña implementador sira nia materiais barak hanesan kallen, besi hollow no besi-kanu ne'ebé rai hela iha fatin projetu, hodi hein orientasaun husi MI atu finaliza obra sira refere. No mós sei iha materiál barak tan mak kompaña sira sosa no rai hela iha amazen, maibé kompaña sira foin selu sorin balu deit, restu deve hela husi nasaun Indonesia.
- 5) Ekipa IGE observa katak utilizasaun besi ho kallen ba kazerna UPF refere:
- ✓ *La-konfortável tanba prezudika temperatura uma laran manas liu, espesifikamente ba postu 4 ne'ebé lokaliza besik tasí.*
 - ✓ *Inseguransa tanba bele kria oportunidade ba pesoáil irresponsavel belu hodi halo lasu ba sirkuitu eletrika hodi desturba ordem fronteira;*
 - ✓ *Risku eletrisidade tanba bele hafraku rezistênsia fiu eletrisidade nian, hodi implika sirkuitu eletrisidade ho besi, no fó risku ba vida membru UPF nian, hanesan akontese tempu liu iha kazerna doasaun postu Sakato nian.*

Relaciona ho observasaun no konkluzaun ne'ebé iha maka iha relatório refere, ekipa IGE apresenta mos rekomendasauun balun ba Governu atu liu husi Ministriu Interior atu befe hetan apresiasauun no mós konsiderasaun husi Sua Exelênsia, hodi foti dësizaun ne'ebé konviniente.

Maka ne'e deit, ba Sua Exelênsia nia atensauun ho respeitu hato'o obrigadu wain.

Dili, 23 Junu 2025

Francisco de Carvalho
Inspetor Jerálf Estadú