



DELIBERASAUN N. 11/II/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 tersa-feira, 4 de fevereiro de 2025, e halo deliberasaun ba assunto tuir mai ne'e:

Asuntu: Pedido Aprovasaun no Autorizasaun CAFI ba mudansa Kustu ba projetu

1. Construction of UPF, TL-PDP, Melhoramento, Building in Bobonaro Mota-ain;
2. Construction of UPF, TL-PDP, Melhoramento, Building in Bobonaro Sukaer Midar.

Proponente: Ministério do Interior – MI.

Notas/justifikasiun:

- Projetu refere apresenta no aprova ona iha reuniaun CAFI bazeia ba Deliberasaun N. 113/X/CAFI/2024, iha loron Terça-feira, 8 de Outubro de 2024, ho asuntu: Pedido aprovasaun e Konfirmasaun despezas ba projetu “Projetu Construction of UPF, TL-PDP Melhoramento in Municipality Covalima, Municipality Bobonaro and RAEOA - Oecussi”;
- Projetu Construction of UPF, TL-PDP, Melhoramento, Building in Bobonaro Mota-ain no Construction of UPF, TL-PDP, Melhoramento, Building in Bobonaro Sukaer Midar, apresenta hikas mai ihareuniaun extraordinaria CAFI iha loron 4 fulan fevereiru 2025, iha agenda iha Parte III: Diversus;
- Bazeia ba karta husi Ministeriu Interior ho no. ref.: 79/DNA-DGAF/MI/II/2-25, data 7 de Fevereiro de 2025, ho asuntu Nota Akompanhamento relasiona ho projetu ne'ebe iha mudansa Orsamentu ne'ebe hetan ona aprovasaun husi CAFI;
- Bazeia ba DELIBERASAUN N. 113/X/CAFI/2024, loron terça-feira, 8 de Outubro de 2024 ho asuntu Pedido aprovasaun e Konfirmasaun despezas ba projetu “Projetu Construction of UPF, TL-PDP Melhoramento in Municipality Covalima, Municipality Bobonaro and RAEOA - Oecussi”;
- Bazeia ba karta pedidu husi MI ho no. oficio: 772/DNA -DGAF/MI/X/2024, data 3 de outubro de 2024, ho asuntu: hato'o justifikasiun Tekniku no Legal ba Projetu Construction of UPF, TL-PDP Melhoramento in Municipality Covalima and Municipality Bobonaro;
- CAFI aprova ona despezas ba projetu Construction of UPF, TL-PDP Melhoramento Building in Bobonaro Mota Ain Municipality Bobonaro, Timor Leste no Projetu Construction of UPF, TL-PDP Melhoramento Building in Bobonaro Municipality Bobonaro, Sukaer Midar, Timor Leste;
- Relasiona ho mudansa kustu ba projetu 2 ne'ebe temi hetan ona verifikasiun husi ADN, I.P.;

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- Dono do projeto sei assume responsabilidade hodi assegura orsamentu ba Ezekusan no Implementasaun projetu;
- Lista proposta:

No.	Naran Projeto	Rezultadu Verifikasiadaun ADN, I.P.		Alokasaun FI Atividade 2025/Kodigu
		Kustu Mudansa	antes	
1	<i>Projetu Construction of UPF, TL-PDP Melhoramento Building in Bobonaro Mota Ain Municipality Bobonaro, Timor Leste</i>	\$47,345.71		FI 2025: \$ 0 Kodigu Atividade 3661346: Konstrusaun foun Postu Vizilansia, Posto TCL 13-Mota Ain Batugade
2	<i>Projetu Construction of UPF, TL-PDP Melhoramento Building in Bobonaro Municipality Bobonaro, Sukaer Midar, Timor Leste</i>	\$ 30,989.88	\$ 47,086.57	FI 2025: \$ 0 Kodigu Atividade 3661345: Konstrusaun foun Postu Vizilansia, Posto Sakaer Midar-Kowa.

Rekomendasaun:

- 1) CAFI atu aprova kustu total ba projetu nune'e mos konfirma finansiamentu despezas iha Fundo das Infraestruturas 2025, bazeia ba pedidu finansiamentu nebe hato'o MI ba projetu;
 - a. *Projetu Construction of UPF, TL-PDP Melhoramento Building in Bobonaro Mota Ain Municipality Bobonaro, Timor-Leste*, Kustu estimativa ADN, I.P. ho montante \$47,465.38;
 - b. *Projetu Construction of UPF, TL-PDP Melhoramento Building in Bobonaro Municipality Bobonaro, Sukaer Midar, Timor-Leste*, Kustu estimativa ADN, I.P. ho montante \$47,086.57;
- 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) Bazeia ba Decreto-Lei No. 13/2016, de 18 de maio, kona ba Regulamentu Fundo das Infraestruturas determina katak aprovisionamentu ba projetu sira finansiamentu husi Fundo Infraestruturas nian sei lao tuir regime Juridiku aprovisionamentu em vigor (Decreto-Lei No.22/2022 de 11 de Maio);
- 4) 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 justifikasiadaun tekniku no legal husi MI hanesan entidade adjudikante;

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DELIBERASAUN N.º 11/II/CAFI/2025



5) Projetu nain sei assume responsabilidade ba koordenasaun entre entidade relevantes ba implementasaun projetu ne'e, e ba supervizaun, monitorizasaun e akompanhamentu ba projetu ne'e iha faze implementasaun, e sei garante kualidade servisu konstrusaun nian tuir espesifikasi saun nebe aprova ona;

Desizaun:

1. CAFI aprova kustu total ba projetu nune'e mos konfirma finansiamentu despezas iha Fundo das Infraestruturas 2025, bazeia ba pedidu finansiamentu nebe hato'o MI ba projetu;
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. Bazeia ba Decreto-Lei No. 13/2016, de 18 de maio, kona ba Regulamentu Fundo das Infraestruturas determina katak aprovisionamentu ba projetu sira finansiamentu husi Fundo Infraestruturas nian sei lao tuir regime Juridiku aprovisionamentu em vigor (Decreto-Lei No.22/2022 de 11 de Maio);
4. 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;
5. Projetu nain sei assume responsabilidade ba koordenasaun entre entidade relevantes ba implementasaun projetu ne'e, e ba supervizaun, monitorizasaun e akompanhamentu ba projetu ne'e iha faze implementasaun, e sei garante kualidade servisu konstrusaun nian tuir espesifikasi saun nebe aprova ona;
6. Lista aprovasaun CAFI:

No.	Naran Projeto	Kustu Estimativa (ADN, I.P.)	Alokasaun FI 2025	Orgaun Kompetênti Autoriza despezas - DL No. 23/2022, 19 de Maio
1.	<i>Projetu Construction of UPF, TL-PDP Melhoramento Building in Bobonaro Mota Ain Municipality Bobonaro, Timor Leste</i>	\$47,465.38	FI 2025: \$ 0 Kodigu Atividade 3661346: Konstrusaun foun Postu Vizilansia, Posto TCL 13-Mota Ain Batugade	CAFI: Konfirma no Autoriza
2	<i>Projetu Construction of UPF, TL-PDP Melhoramento Building in Bobonaro Municipality Bobonaro, Sukaer Midar, Timor Leste</i>	\$ 47,086.57	FI 2024: \$ 0 Kodigu Atividade 3661345: Konstrusaun foun Postu Vizilansia, Posto Sakaer Midar-Kowa.	CAFI Konfirma no Autoriza



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



Conselho de
Administração

Aprovado husi CAFI iha loron 4 de fevereiru de 2025.

O Conselho de Administração do Fundo das Infraestruturas
O presidente,



Gastão Francisco de Sousa
Ministro do Planeamento e Investimento Estratégico

Santina José Rodrigues Ferreira Viegas Cardoso

Ministra das Finanças

(La partisipa iha reuniun CAFI)



Miguel Marques Gonçalves Mapetelu
Ministro dos Transportes e Comunicações



Samuel Marçal
Ministro das Obras Públicas

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Pájina 4 hosi 5



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



Conselho de
Administração

Annexo:

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

NOTA DE DESPAICHO

1. ORIGEM DO DOCUMENTO

Proveniência do Documento

N Ref: 79/DNA-DGAF/MI/II/2025

Data do Documento : 07/ 02 /2025

DNA-DGAF-Ministériu do Interior

2. DETALHES DO DOCUMENTO

Enviado ao:

Data Entrada do Documento: 07/ 02 /2025

1. Sr/ Mauricio Borges

2. Sr/a _____

3. Sr/a _____

4. Assessores Nacionais / Internacionais

Assunto:

Nota Akompanhamento-Ministériu Interior Apresenta Projetu Rua iha Mudansa Orsamentu ne'ebé hetan ona aprovasaun husi CAFI

3. INSTRUÇÃO DO DIRETOR DO SGP

Data do Despacho: 7/ 2 /2025

Para Sr/a

1. Sr/a Mauricio Borges

2. Sr/a Karta Febel

3. Sr/a _____

Despacho:

Apusta no altro deliberaçao

Assinatura :

Mauricio Borges



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



Data : 07 Fulan Fevereiro 2025

Nú Oficio : 39/DNA-DGAF/MI/II/2025

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

Assunto : Nota Akompanhamento

Ho Respeito;

Baseia Rejultado Encontro CAFI ihaloron 4 fulan Fevereiro tinan 2025, husi Ministerio do Interior Apresenta Projeto rua (2) iha mudansa Orsamento ne'ebé hetan ona Aprovasaun husi CAFI maka hanesan:

1. Construction of UPF, TL-PDP, Melhoramento, Building in Bobonaro Motaain (TCL 13)
2. Construction of UPF, TL-PDP, Melhoramento, Building in Bobonaro Sukaer Midar

(Anexo Dokumentus Verifikasiadun ADN)

Maka ne'e deit ba Exmo Sr. Diretor nia atensaun no servisu hamutuk,hato'o obrigado wain.





AGÉNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

Dili, 01 /Setembro/2024

01/01/2024
Prez

Hato' o ba : Sr. Joao da Cruz, SE. M.Si
Diretor DNA - MdI

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

Ref : 1453 /ADN, I.P./IX/2024

Assunto : Rezultado Verifikasiasaun – Project Construction of UPF, TL-PDP.
Molhoramento, Building in Municipality Bobonaro

Ole

Ho Respeito,

Bazeia ba karta pedido verifikasiasaun ho no ref. 590/DNA-DGAF/MI/VII/2024 ho data 31 de Agosto de 2024, ba asuntu ne'ebe mensiona iha leten, ekipa verifikasiasaun Unidade Avaliação dos Projetos – UAP ADN, I.P. hala'o ona verifikasiasaun ba dokumentos refere. Ho nune bele hare rezultado verifikasiasaun iha (*aneksu*). Hanesan lista tuir mai:

1. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Nu'u Laran Tunubibi ✓
2. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Nunura Leohitu ✓
3. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro TCL 13 Mota Ain ✓
4. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Oe Detan Tunubibi ✓
5. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Sukaer Midar ✓
6. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Bora Lolotoe ✓
7. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Gildapil Masagel ✓ Saburai
8. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Kajus Laran ✓
9. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Wefauk ✓
10. Construction of UPF, TL-PDP, Molhoramento, Building in Bobonaro Uma Koe Memo ✓

Maka ne'e deit ba ita Boot ninian Atensaun no Kolaborasaun Diak ami hato'o Obrigado
Wain.



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

FORMULARIO DE DESPACHO

Data de Entrada Documentos : 31 - 07 - 2024

Data do Documentos : 31-07-24

Husi : MI - DGAF - DNA

No. Ref : 590 / DNA - DGAF / MI / VII / 2024

Projecto : Construction of UPF, TL - PDP,
Meitoramento in :

- ~ Horak - Covalima Municipality .
- ~ Anin - Matan - Covalima Municipality .
- ~ Lenkede - Covalima Municipality .
- ~ Moruk Larai - Covalima Municipality .
- ~ Wesei - Covalima Municipality .
- ~ Nu'u Larai Tukubibi - Bobonaro Municipality .
- ~ Nunura Leohitu - Bobonaro Municipality .
- ~ Mota Ain - Bobonaro Municipality .
- ~ Oe Detan Tukubibi - Bobonaro Municipality .
- ~ Sukaer Midar - Bobonaro Municipality .

Quantidade Documentos : ... 19 .

Anexo :

- * USB : 1
- * BOQ + Cost Estimati-
on + Technical Speci-
fication + Drawing : 16

- ~ Bora Lolo toe - Bobon-
aro Municipality .
- ~ Gildapir Masagei Saburai
- Bobonaro Municipality .
- ~ Karzus Larai - Bobonaro
Municipality .
- ~ Wefauk - Bobonaro Municipality .
- ~ Uina Kou Metto - Bobonaro
Municipality .
- ~ Quibiselo - RAEOA
- ~ Sanbi Zek - RAEOA
- ~ Kauh - RAEOA

Assuntos :

Pedido Verifikasi sain

No.Tlf : -

Companhia : -

Despacho :

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

Adjunto

Assessor/a

Gabinete DET / Base de Dadus

Other

Data : 31-07-24

Bn UPF ali abenç.

Rui Lourenço da Costa
Director Executivo ADN



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



Data : 31 Fulan Julho 2024

Nú Oficio : 590/DNA-DGAF/MI/VII/2024

Para/To : **Exmo. Diretor Executivo Agencia Desenvolvimento Nacional (ADN, I.P.)**
Sr. Rui Lourenço da Costa

Klasifikasiacaun : **Urgente**

Assunto : **Pedido Verifikasiacaun**

Deseñu no BOQ Ligado ho Posto Linha Fronteiras (UPF, TL-PDP no Melhoramento)

Ho Respeito;

Baseia ba encontro CAFI iha loron 29 fulan Maiu tinan 2024 husu ba Ministerio do Interior hodi submete dokumentos Desenhu no BoQ ba Agencia Desenvolvimento Nacional (ADN, I.P.) ho orsamento Kapital Dezenvolvimento, Fundos das Infraestrutura (FI) nian ho nune husi Diresaun Nasional de Aprovisionamento Ministerio do Interior liu husi Tekniko DNA-MI hetan Oreintasaun S.E Ministro do Interior atu bele Submete dokumentos (Deseñu no BOQ) ne'ebé maka DNE-MOP halo ona Verifikasiacaun. Hodi nune'e maka Solisita ba Agencia Desenvolvimento Nacional (ADN, I.P.) hodi bele urjentemente halo Aprovasaun ba Posto Linha fronteiras (**UPF, TL-PDP no Melhoramento**) maka hanesan tuir mai ne'e

- Melhoramento Linha Fronteiras Posto TLPDP (UPF)
 1. **Construction Of (U.P.F, TL-PDP, Melhoramento), Building in Covalima** (Horak, Anin Matan, Lenkede, Moruk Laran no Wesei)
 2. **Construction Of (U.P.F, TL-PDP, Melhoramento), Building in Bobonaro** (Nu'u Laran Tunubibi, Nunura Leohitu, TCL 13 Mota Ain, Oe Detan Tunubibi, Sukaer Midar, Bora Lolotoe, Gildapil Masagel Saburai, Kajus Laran, Wefauk no Uma Kou Memo)
 3. **Construction Of (U.P.F, TL-PDP, Melhoramento), Building in RAEOA-Oecusse** (Quibiselo, Santizak no Kaun)

Anexo Dokumentos (Deseñu no BOQ)

Maka ne'e deit, ba Exmo Sr.Diretor nia koñesimentu no servisu hamutuk hato'o Obrigado Wain.

João da Cruz, SE.M.S.i
Diretor DNA-MI



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

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CHECK LIST DOKUMENTOS BA VERIFIKASAUN

PROJECTO NAIN / KOMPANHIA : Const. OF YPF , TL - PDP Melhoramento
Building Sulcaer Midar, Bobonaro.

No	DOKUMENTOS NIA NARAN	
1.	Karta Akompanhamento Husi Projecto Nain	✓
2.	Fundo Husi : (LM...FL...PDIM)	✓
	A. Kapital de Desenvolvimento	
	B. Bens de Servico	
	C. Transferencia Public	
	D. Other :	
3.	TOR ou Justifikasau kona ba projetu ne'be atu implementa.	
4.	Titik Koordinat husi Projecto neébe atu implementa	
5.	Desenhu tenke iha HVS Medida A3 no hetan Aprovasaun husi Projetu Nain no Ministerio (MOP)	✓
6.	Cost Estimasaun ho BOQ Tenke Hetan Aprovasaun Husi Projetu Nain ou Ministerio (MOP)	✓?
7.	Unit Price Analisis	✓
8.	Backup Quantidade	✓
9.	Spesifikasi Teknik	✓
10.	Soft Copy (BOQ iha Excel) no (Desenho iha Auto Cad) /USB	✓
11.	Tenke Anexu Kopia Livro OJE 2024 Cover ho Pajina	
12.	Desenhu tenke Aneksu Mapa Quarry no hetan Aprovasaun husi Projetu Nain	?

Tuan

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO

LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

SUMMARY

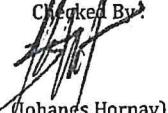
NO	WORK DESCRIPTION	PROPOSED BY OWNER		VERIFIED BY ADN	
		AMOUNT USD		AMOUNT USD	
I	2	3			
A	PREPARATION WORKS	\$	3,875,00	\$	1,486,68
B	KICHEN WORK (New Construction)				
I	FUNDATION WORKS	\$	885,39	\$	904,15
II	CONCRETE WORKS	\$	3,107,79	\$	3,133,59
III	WALL INSTALLATION WORKS	\$	1,142,41	\$	1,187,60
IV	DOOR AND WINDOW WORKS	\$	1,000,00	\$	677,00
V	ROOFING WORKS	\$	617,03	\$	942,68
VI	CEILING WORKS	\$	485,50	\$	450,90
VII	FLOOR TILE WORKS	\$	218,30	\$	236,70
VIII	ELECTRICAL WORKS	\$	308,70	\$	167,12
IX	SANITASI WORKS	\$	206,16	\$	157,91
X	PAINTING WORKS	\$	264,00	\$	274,81
C	TOWER WORKS (New Construction)	\$	5,919,53	\$	6,735,31
D	LANDSCAPE (Fences)	\$	16,140,07	\$	6,735,31
E	FINAL CLEARING	\$	250,00	\$	100,00
1	Construction Cost (A to K)	\$	34,419,88	\$	23,189,76
2	Contractor Fee 10% x A	\$	3,441,99	\$	2,318,98
3	Overhead	\$	2,604,00	\$	2,600,00
4	TAXA 2% x (A + B + C)	\$	809,32	\$	562,17
5	Contingency 10 % x A	\$	3,441,99	\$	2,318,98
6	GRAND TOTAL	\$	44,717,17	\$	30,989,88

Verified by :



[Angelita Maria de Jesus Cardoso]
Civil Engineer ADN, I.P.

Checked By:



Johannes Hornay
Chefe do Departamento EPMETIC.UAP-
ADN, I.P.

Certified By:
Jose Fernando da Costa Soares
Coordenador UAP - ADN, I.P.

50/21



[Angelita da Costa]
Electrical Engineer ADN, I.P.



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

PROJECT NAME : CONSTRUCTION OF UPF, TL-PDP,
MELHORAMENTO BUILDING IN BOBONARO

LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, -
TIMOR LESTE

PAV ITEM	ITEM DESCRIPTION	VERIFIED BY ADN, I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
a	OVERHEAD				
1	Security guard & logistic controlling	Ls	1,00	\$ 450,00	\$ 450,00
2	Site Engineer	Ls	1,00	\$ 1.500,00	\$ 1.500,00
3	Traffic Management & Safety	Ls	1,00	\$ 250,00	\$ 250,00
4	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ 300,00	\$ 300,00
5	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner				
6	Documentation & weekly+monthly report (submit softcopy weekly, hard copy + soft copy monthly)	Ls	1,00	\$ 100,00	\$ 100,00
TOTAL					\$ 2.600,00

+
+

PROJECT NAME : CONSTRUCTION OF UPF, TL-PDP, MELHORAMENTO BUILDINGIN BOBONARO

LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
A	PREPARATION WORKS								
1	Mobilization and Demobilization	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 200,00	\$ 200,00
2	Site Office 5 m x 7 m	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 750,00	\$ 750,00
3	Project sing board	Unit	1,00	\$ 75,00	\$ 75,00	Unit	1,00	\$ 86,68	\$ 86,68
4	Clearing, during the construction - end of contact	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 350,00	\$ 350,00
5	Water & electrical for works	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 100,00	\$ 100,00
	Sub Total				\$ 3.875,00				\$ 1.485,58
B	KICHEN WORK (New Construction)								
I	FUNDATION WORKS								
1	Bowplank / frame work	m'	13,00	\$ 10,66	\$ 138,58	m'	13,00	\$ 10,67	\$ 138,71
2	Excavation Earth Foundation	Cu.m	8,14	\$ 5,14	\$ 41,83	Cu.m	8,14	\$ 5,14	\$ 41,83
3	Stone Masonry 1pc : 3 ps	Cu.m	8,06	\$ 82,64	\$ 666,08	Cu.m	8,06	\$ 84,03	\$ 677,28
4	Sand Bedding under foundation Thlnkness 50mm	Cu.m	0,58	\$ 11,10	\$ 6,45	Cu.m	0,58	\$ 23,89	\$ 13,89
5	Back Filling sides of foundation and Back Filling Floor building	Cu.m	5,50	\$ 1,70	\$ 9,35	Cu.m	5,50	\$ 1,70	\$ 9,35
6	Compacted of foundation sides and under Floor	Cu.m	5,50	\$ 4,20	\$ 23,10	Cu.m	5,50	\$ 4,20	\$ 23,10
	Sub Total				\$ 885,89				\$ 904,15
II	CONCRETE WORKS								
1	Reinforced concrete of Sloof 150mm x 200mm sloof, (21.7 Mpa) (D10mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa)	Cu.m	0,47	\$ 116,15	\$ 54,01	Cu.m	0,47	\$ 141,70	\$ 65,89
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	59,24	\$ 1,54	\$ 91,29	Kg	59,24	\$ 1,80	\$ 106,63
-	FormWork	sq.m	4,65	\$ 25,85	\$ 120,20	sq.m	4,65	\$ 31,63	\$ 147,08
2	Reinforced concrete of 150mm x 150mm Beam, 21.7 Mpa (D10mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa	Cu.m	0,35	\$ 116,15	\$ 40,51	Cu.m	0,35	\$ 141,70	\$ 49,42
-	Reinforcement Steel D10 mm (D10mm x Ø8mm)	Kg	59,24	\$ 1,54	\$ 91,29	Kg	59,24	\$ 1,80	\$ 106,63
-	FormWork	sq.m	8,53	\$ 43,27	\$ 368,88	sq.m	8,53	\$ 31,63	\$ 269,65
3	Install 1Pc : 25d : 3 Ag reinforced concrete of 150mm x 150mm column, 21.7Mpa (D12mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa	Cu.m	0,51	\$ 116,15	\$ 58,80	Cu.m	0,51	\$ 141,70	\$ 71,74
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	92,45	\$ 1,54	\$ 142,46	Kg	92,45	\$ 1,80	\$ 166,41
-	FormWork	sq.m	9,60	\$ 35,29	\$ 338,78	sq.m	9,60	\$ 42,20	\$ 405,12
4	Floor Concrete 10 Mpa	Cu.m	1,00	\$ 108,55	\$ 108,55	Cu.m	1,00	\$ 130,30	\$ 130,30
5	Kitchen Sin Concrete 14.5 Mpa	Cu.m	0,33	\$ 108,55	\$ 35,82	Cu.m	0,33	\$ 133,58	\$ 44,08
-	Reinforcement Steel D10mm	kg	29,76	\$ 1,54	\$ 45,86	kg	29,76	\$ 1,80	\$ 53,57
-	FormWork	sq.m	4,38	\$ 25,85	\$ 113,22	sq.m	4,38	\$ 19,05	\$ 83,44
6	Kitchen Chimney Concrete 14.5 Mpa	Cu.m	2,16	\$ 108,55	\$ 234,03	Cu.m	2,16	\$ 133,58	\$ 288,00
-	Reinforcement Steel D10mm	kg	322,25	\$ 1,54	\$ 496,59	kg	322,25	\$ 1,80	\$ 580,05
-	FormWork	sq.m	29,69	\$ 25,85	\$ 767,49	sq.m	29,69	\$ 19,05	\$ 565,59
	Sub Total				\$ 3.107,79				\$ 3.133,59
III	WALL INSTALLATION WORKS								
1	Wall concrete block (39 x 19 x 14), 1Pc : 4 ps grade A for around the building External inc. corefill	Sq.m	36,27	\$ 13,64	\$ 494,75	Sq.m	36,27	\$ 14,29	\$ 518,33
2	Wall plester (1Pc : 3 Sand), thickness 15mm	Sq.m	77,19	\$ 5,14	\$ 396,78	Sq.m	77,19	\$ 5,37	\$ 414,53
3	Finishing with cement mortar	Sq.m	77,19	\$ 3,25	\$ 250,88	Sq.m	77,19	\$ 3,30	\$ 254,74
	Sub Total				\$ 1.142,41				\$ 1.187,60
IV	DOOR AND WINDOW WORKS								
1	Supply and Installation of single Door frame aluminium Type D1 2270 mm x 900 mm,including all assessories & finishing/Pintu Panel Aluminium	Unit	1,00	\$ 500,00	\$ 500,00	Unit	1,00	\$ 286,67	\$ 286,67
2	Supply and Installation Window frame aluminium with glass 5mm Type W1 2100 mm x 1500 mm,including all assessories,	Unit	1,00	\$ 400,00	\$ 400,00	Unit	1,00	\$ 264,67	\$ 264,67
3	Supply & install aluminium with Glass for Ventilation 300 mm x 700 mm V1	Unit	1,00	\$ 100,00	\$ 100,00	Unit	1,00	\$ 125,67	\$ 125,67
	Sub Total				\$ 1.000,00				\$ 677,00
V	ROOFING WORKS								
1	Supply & install according to drawing, all necessary work for all roof truss frame, S. Hollow 50 x 100 x 2.0 mm	Kg	50,16	1,75	\$ 87,78	Kg	50,16	2,36	\$ 118,38

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO

LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
2	Supply & Install S. Hollow 50x 50 x 2.0 mm	Kg	80,07	1,75	\$ 140,12	Kg	80,07	\$ 2,36	\$ 188,97
3	Supply & install Standard roof zincalum Colorbond 0.42 mm TCT and screws with all necessary works	sq.m	19,06	7,80	\$ 148,63	sq.m	19,06	\$ 19,66	\$ 374,62
4	Listplank galvalume 0.42mm	m'	17,30	13,90	\$ 240,50	m'	17,30	\$ 15,07	\$ 260,71
	Sub Total				\$ 617,03				\$ 942,68
VI	CEILING WORKS								
1	Ceiling Frame S.Hollow 40/40 T,0.3 mm	kg	17,54	\$ 12,68	\$ 222,41	kg	17,54	\$ 4,95	\$ 86,82
2	Ceiling PVC T,9mm	sq.m	13,73	\$ 12,68	\$ 174,06	sq.m	13,73	\$ 13,75	\$ 188,75
3	List Ceiling PVC	m'	54,62	\$ 1,63	\$ 89,03	m'	54,62	\$ 3,21	\$ 175,33
	Sub Total				\$ 485,50				\$ 450,90
VII	FLOOR TILE WORKS								
1	Supply & install Floor Ceramic tile 400mm x 400mm, Color simillar approval by Engineer	Sq.m	10,00	\$ 21,83	\$ 218,30	Sq.m	10,00	\$ 23,67	\$ 236,70
	Sub Total				\$ 218,30				\$ 236,70
VIII	ELECTRICAL WORKS								
1	Supply & install Lighting Phillips F1 TL 2 x 36 W	Unit	2,00	\$ 36,35	\$ 72,70	Unit	2,00	\$ 31,68	\$ 63,36
2	Supply & install Single Switches 1200mm FFL include wall box	Unit	1,00	\$ 12,00	\$ 12,00	Unit	1,00	\$ 9,35	\$ 9,35
3	Supply & install Cable Nym 3 x 1,5 mm SNI Standardt include Pipe	Unit	10,00	\$ 10,00	\$ 100,00	M'	10,00	\$ 3,49	\$ 34,87
4	Supply & install Cable Nym 3 x 2,5 mm SNI Standardt include Pipe	Unit	10,00	\$ 10,00	\$ 100,00	M'	10,00	\$ 3,98	\$ 39,80
6	Supply & install Socket 35 VA	Unit	2,00	\$ 12,00	\$ 24,00	Unit	2,00	\$ 9,87	\$ 19,74
	Sub Total				\$ 308,70				\$ 167,12
IX	SANITASI WORKS								
1	Supply & Install kitchen sink + all accessories	Unit	1,00	\$ 100,00	\$ 100,00	Unit	1,00	\$ 100,00	\$ 100,00
2	Supply & install diameter Pipe 2" for Waste water pipe sistem	Unit	6,00	\$ 15,98	\$ 95,88	Unit	6,00	\$ 8,35	\$ 50,10
3	Supply & install Kichen faucet	Unit	1,00	\$ 10,28	\$ 10,28	Unit	1,00	\$ 7,81	\$ 7,81
	Sub Total				\$ 206,16				\$ 157,91
X	PAINTING WORKS								
1	Wall painting (Prepare and apply three coats of 'Nippon 3 in 1 washable acrylic elastomeric coating to :) Color simillar approval by site Engineer	Sq.m	77,19	\$ 3,42	\$ 264,00	Sq.m	77,19	\$ 3,56	\$ 274,81
	Sub Total				\$ 264,00				\$ 274,81
c	TOWER WORKS (New Construction)				\$ 5.919,53				\$ 6.735,31
1	Bowplank / frame work	m'	21,60	\$ 10,66	\$ 230,26	m'	21,60	\$ 10,67	\$ 230,47
2	Excavation Earth Foundation	Cu.m	18,80	\$ 5,14	\$ 95,63	Cu.m	18,80	\$ 5,14	\$ 95,63
3	Sand Bedding under foundation Thinkness 50mm	Cu.m	0,07	\$ 11,10	\$ 0,80	Cu.m	0,07	\$ 23,89	\$ 1,72
4	Back Filling sides of foundation	Cu.m	2,52	\$ 1,70	\$ 4,28	Cu.m	2,52	\$ 1,70	\$ 4,28
5	Compacted of foundation sides	Cu.m	2,52	\$ 5,50	\$ 13,86	Cu.m	2,52	\$ 4,20	\$ 10,58
6	Reinforced concrete for Foot Plate, (21.17 Mpa)	Cu.m	1,60	\$ 116,15	\$ 185,84	Cu.m	1,60	\$ 141,70	\$ 226,72
-	Reinforcement Steel (D 13mm D 8mm)	kg	178,88	\$ 1,54	\$ 275,65	kg	178,88	\$ 1,80	\$ 321,98
-	FormWork	Sq.m	10,32	\$ 25,85	\$ 266,77	Sq.m	10,32	\$ 19,05	\$ 196,60
7	Lean Concrete, T=50 mm (14.5 Mpa)	Cu.m	0,03	\$ 108,55	\$ 3,47	Cu.m	0,03	\$ 130,30	\$ 4,17
	Sloof 200/300 mm (21.17 Mpa)	Cu.m	0,62	\$ 116,15	\$ 72,48	Cu.m	0,62	\$ 141,70	\$ 88,42
-	Reinforcement Steel (D 12 mm D 8mm)	kg	61,55	\$ 1,54	\$ 94,85	kg	61,55	\$ 1,80	\$ 110,79
-	FormWork	Sq.m	6,24	\$ 35,29	\$ 220,21	Sq.m	6,24	\$ 31,63	\$ 197,37
9	ANCHOR BOLT (Ø19mm - 600mm)	unit	16,00	\$ 9,50	\$ 152,00	unit	16,00	\$ 8,70	\$ 139,20
10	PLATE GROUNG TEXTURE (2600x2600x10mm)	m2	6,76	\$ 22,50	\$ 152,10	m2	6,76	\$ 22,50	\$ 152,10
11	BASE PLATE (200x200x12mm)	unit	8,00	\$ 5,20	\$ 41,60	unit	8,00	\$ 5,20	\$ 41,60
12	STEEL TYPE L 25 x 25 x 3 mm	kg	45,25	\$ 1,95	\$ 88,23	kg	45,25	\$ 2,36	\$ 106,79
13	RAILING STEEL TYPE L 40x 40 x 3mm	kg	211,37	\$ 1,95	\$ 412,16	kg	211,37	\$ 2,36	\$ 498,82
14	STEEL TYPE L 50 x 50 x 5 mm	kg	3,75	\$ 1,95	\$ 7,31	kg	3,75	\$ 2,36	\$ 8,85
15	STEEL TYPE L 80 x 80 x 6 mm	kg	107,55	\$ 1,95	\$ 209,72	kg	107,55	\$ 2,36	\$ 253,82
16	STEEL TYPE L, 100x100x6 mm	kg	1.323,12	\$ 1,95	\$ 2.580,08	kg	1.323,12	\$ 2,36	\$ 3.122,56
17	PLATE GUSSET 10mm SISTIM WELDING	unit	40,00	\$ 5,20	\$ 208,00	unit	40,00	\$ 5,20	\$ 208,00
18	Canal C 30 x 80 X 2 mm	m'	28,00	\$ 1,76	\$ 49,28	kg	57,87	\$ 2,43	\$ 140,62
19	Zinc o.42 mm	Sq.m	13,69	\$ 19,43	\$ 266,00	Sq.m	13,69	\$ 19,66	\$ 269,15
20	Zinc Gater 40 x 20 x 2 mm	Sq.m	3,55	\$ 14,26	\$ 50,65	Sq.m	3,55	\$ 14,26	\$ 50,65

PROJECT NAME : CONSTRUCTION OF UPF, TL-PDP, MELHORAMENTO BUILDING IN BOBONARO
LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
21	Pipe PVC 3"	m'	7,50	\$ 10,00	\$ 75,00	m'	7,50	\$ 10,97	\$ 82,28
22	ELBOW 45° Ø3" PVC	Unit	2,00	\$ 5,73	\$ 11,46	Unit	2,00	\$ 6,59	\$ 13,18
23	CORONG Ø3" PVC	Unit	1,00	\$ 3,25	\$ 3,25	Unit	1,00	\$ 3,25	\$ 3,25
24	STEEL PAINT TYPE L 25 x 25 x 3 mm	Sq.m	2,02	\$ 3,93	\$ 7,94	Sq.m	2,02	\$ 4,12	\$ 8,32
25	RAILING STEEL TYPE L 40 x 40 x 3mm	Sq.m	9,24	\$ 3,93	\$ 36,31	Sq.m	9,24	\$ 4,12	\$ 38,07
26	PAINT STEEL TYPE L 50 x 50 x 5 mm	Sq.m	0,05	\$ 3,93	\$ 0,20	Sq.m	0,05	\$ 4,12	\$ 0,21
27	PAINT STEEL TYPE L 80 x 80 x 6 mm	Sq.m	2,40	\$ 3,93	\$ 9,43	Sq.m	2,40	\$ 4,12	\$ 9,89
28	PAINT STEEL TYPE L, 100x100x 6 mm	Sq.m	23,84	\$ 3,93	\$ 93,69	Sq.m	23,84	\$ 4,12	\$ 98,22
	Sub Total				\$ 5.919,53				\$ 6.735,31
D	LANDSCAPE (Fences)								
1	Excavation Earth Foundation	Cu.m	3,70	\$ 5,14	\$ 19,02	Cu.m	3,70	\$ 5,14	\$ 19,02
2	Back Filling sides of foundation	Cu.m	4,44	\$ 1,70	\$ 7,55	Cu.m	4,44	\$ 1,70	\$ 7,55
3	Concrete (21.7 Mpa)	Cu.m	3,70	\$ 116,15	\$ 429,76	Cu.m	3,70	\$ 141,70	\$ 524,29
4	Reinforcement Steel D10mm	Kg	74,09	\$ 1,54	\$ 114,17	Kg	74,09	\$ 1,80	\$ 133,36
5	FormWork	m2	99,90	\$ 35,29	\$ 3.525,47	m2	99,90	\$ 19,05	\$ 1.903,10
6	Pipe Galvanis 2"	m'	462,50	\$ 19,44	\$ 8.991,00	m'	462,50	\$ 25,47	\$ 11.779,88
7	Harmonic wire	m'	774,90	\$ 3,94	\$ 3.053,11	m2	774,90	\$ 7,15	\$ 5.540,54
	Sub Total				\$ 16.140,07				\$ 19.907,72
E	FINAL CLEARING								
1	Remove and clean all the construction site areas	Ls	1,00	\$ 250,00	\$ 250,00	Ls	1,00	\$ 100,00	\$ 100,00
	Sub Total				\$ 250,00				\$ 100,00
	CONTRUCTION COST				\$ 34.213,72				\$ 36.204,26
F	Overhead								
	Security								
1	Security guard & logistic controlling	Month	2,00	\$ 120,00	\$ 240,00				
	Project team								
1	Project manager (PM), we request Engineer/Architect (full time on site to communicate & responsibility all aspects) - with similar experience >= 1 projects	Month	2,00	\$ 320,00	\$ 640,00				
2	Site motorcycle and fuel	Month	2,00	\$ 50,00	\$ 100,00				
3	Project Administrator	Month	2,00	\$ 130,00	\$ 260,00				
4	Office costs	Month	0,00	\$ -	\$ -				
7	Electricity	Month	0,00	\$ -	\$ -				
	Safety and protection								
1	Hard hat - yellow - worker	No	10,00	\$ 3,50	\$ 35,00				
2	Hard hat - white - supervisor	No	4,00	\$ 3,50	\$ 14,00				
3	Mask (must be approved by owner)	No	10,00	\$ 0,75	\$ 7,50				
4	Gloves	pair	10,00	\$ 0,75	\$ 7,50				
5	Jacket - yellow - worker	No	10,00	\$ 5,00	\$ 50,00				
6	Jacket - orange - supervisor	No	2,00	\$ 5,00	\$ 10,00				
7	Safety Boots	Pair	10,00	\$ 30,00	\$ 300,00				
8	Boots - canvas	Pair	0,00	\$ -	\$ -				
9	Raincoat	No	0,00	\$ -	\$ -				
10	Large first aid kit for camp	No	0,00	\$ -	\$ -				
11	Small first aid kit for site (include all needed)	No	1,00	\$ 20,00	\$ 20,00				
12	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ 50,00	\$ 50,00				
	As built drawing								
1	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner	Ls	1,00	\$ 50,00	\$ 50,00				
2	Documentation & weekly+monthly report (submit softcopy weekly, hard copy + soft copy monthly)	Ls	1,00	\$ 25,00	\$ 25,00				
	Sub total				\$ 2.604,00				\$ -

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO

LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

SUMMARY

NO	WORK DESCRIPTION	PROPOSED BY OWNER		VERIFIED BY A D N	
		AMOUNT USD		AMOUNT USD	
1	2	3			
A	PREPARATION WORKS	\$ 3.875,00		\$ 1.486,68	
B	KICHEN WORK (New Construction)				
I	FUNDATION WORKS	\$ 885,39		\$ 904,15	
II	CONCRETE WORKS	\$ 3.107,79		\$ 3.133,59	
III	WALL INSTALLATION WORKS	\$ 1.142,41		\$ 1.187,60	
IV	DOOR AND WINDOW WORKS	\$ 1.000,00		\$ 677,00	
V	ROOFING WORKS	\$ 617,03		\$ 942,68	
VI	CEILING WORKS	\$ 485,50		\$ 450,90	
VII	FLOOR TILE WORKS	\$ 218,30		\$ 236,70	
VIII	ELECTRICAL WORKS	\$ 308,70		\$ 167,12	
IX	SANITASI WORKS	\$ 206,16		\$ 157,91	
X	PAINTING WORKS	\$ 264,00		\$ 274,81	
C	TOWER WORKS (New Construction)	\$ 5.919,53		\$ 6.735,31	
D	LANDSCAPE (Fences)	\$ 16.140,07		\$ 19.907,72	
E	FINAL CLEARING	\$ 250,00		\$ 100,00	
1	Construction Cost (A to K)	\$ 34.419,88		\$ 36.362,17	
2	Contractor Fee 10% x A	\$ 3.441,99		\$ 3.636,22	
3	Overhead	\$ 2.604,00		\$ 2.600,00	
4	TAXA 2% x (A + B + C)	\$ 809,32		\$ 851,97	
5	Configency 10 % x A	\$ 3.441,99		\$ 3.636,22	
6	GRAND TOTAL	\$ 44.717,17		\$ 47.086,57	

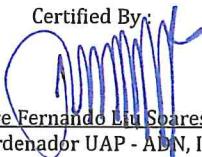
Verified by :


(Angelita Maria de Jesus Cardoso)
 Civil Engineer ADN, I.P.

Checked By :


(Charles Hornay)
 Chefe do Departamento EPMETIC.UAP-
 ADN, I.P.

Certified By :


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


(Angelica da Costa)
 Electrical Engineer ADN, I.P.

PROJECT NAME : CONSTRUCTION OF UPF, TL-PDP, MELHORAMENTO BUILDING IN BOBONARO
 LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE
 PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
A	PREPARATION WORKS								
1	Mobilization and Demobilization	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 200,00	\$ 200,00
2	Site Office 5 m x 7 m	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 750,00	\$ 750,00
3	Project sing board	Unit	1,00	\$ 75,00	\$ 75,00	Unit	1,00	\$ 86,68	\$ 86,68
4	Clearing, during the construction - end of contact	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 350,00	\$ 350,00
5	Water & electrical for works	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 100,00	\$ 100,00
	Sub Total				\$ 3.875,00				\$ 1.486,68
B	KICHEN WORK (New Construction)								
I	FUNDATION WORKS								
1	Bowplank / frame work	m'	13,00	\$ 10,66	\$ 138,58	m'	13,00	\$ 10,67	\$ 138,71
2	Excavation Earth Foundation	Cu.m	8,14	\$ 5,14	\$ 41,83	Cu.m	8,14	\$ 5,14	\$ 41,83
3	Stone Masonry 1pc : 3 ps	Cu.m	8,06	\$ 82,64	\$ 666,08	Cu.m	8,06	\$ 84,03	\$ 677,28
4	Sand Bedding under foundation Thinkness 50mm	Cu.m	0,58	\$ 11,10	\$ 6,45	Cu.m	0,58	\$ 23,89	\$ 13,89
5	Back Filling sides of foundation and Back Filling Floor building	Cu.m	5,50	\$ 1,70	\$ 9,35	Cu.m	5,50	\$ 1,70	\$ 9,35
6	Compacted of foundation sides and under Floor	Cu.m	5,50	\$ 4,20	\$ 23,10	Cu.m	5,50	\$ 4,20	\$ 23,10
	Sub Total				\$ 885,39				\$ 904,15
II	CONCRETE WORKS								
1	Reinforced concrete of Sloof 150mm x 200mm sloof, (21.7 Mpa) (D10mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa)	Cu.m	0,47	\$ 116,15	\$ 54,01	Cu.m	0,47	\$ 141,70	\$ 65,89
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	59,24	\$ 1,54	\$ 91,29	Kg	59,24	\$ 1,80	\$ 106,63
-	FormWork	sq.m	4,65	\$ 25,85	\$ 120,20	sq.m	4,65	\$ 31,63	\$ 147,08
2	Reinforced concrete of 150mm x 150mm Beam, 21.7 Mpa (D10mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa	Cu.m	0,35	\$ 116,15	\$ 40,51	Cu.m	0,35	\$ 141,70	\$ 49,42
-	Reinforcement Steel D10 mm (D10mm x Ø8mm)	Kg	59,24	\$ 1,54	\$ 91,29	Kg	59,24	\$ 1,80	\$ 106,63
-	FormWork	sq.m	8,53	\$ 43,27	\$ 368,88	sq.m	8,53	\$ 31,63	\$ 269,65
3	Install 1Pc : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 21.7Mpa (D12mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa	Cu.m	0,51	\$ 116,15	\$ 58,80	Cu.m	0,51	\$ 141,70	\$ 71,74
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	92,45	\$ 1,54	\$ 142,46	Kg	92,45	\$ 1,80	\$ 166,41
-	FormWork	sq.m	9,60	\$ 35,29	\$ 338,78	sq.m	9,60	\$ 42,20	\$ 405,12
4	Floor Concrete 10 Mpa	Cu.m	1,00	\$ 108,55	\$ 108,55	Cu.m	1,00	\$ 130,30	\$ 130,30
5	Kitchen Sin Concrete 14.5 Mpa	Cu.m	0,33	\$ 108,55	\$ 35,82	Cu.m	0,33	\$ 133,58	\$ 44,08
-	Reinforcement Steel D10mm	kg	29,76	\$ 1,54	\$ 45,86	kg	29,76	\$ 1,80	\$ 53,57
-	FormWork	sq.m	4,38	\$ 25,85	\$ 113,22	sq.m	4,38	\$ 19,05	\$ 83,44
6	Kitchen Chimney Concrete 14.5 Mpa	Cu.m	2,16	\$ 108,55	\$ 234,08	Cu.m	2,16	\$ 133,58	\$ 288,00
-	Reinforcement Steel D10mm	kg	322,25	\$ 1,54	\$ 496,59	kg	322,25	\$ 1,80	\$ 580,05
-	FormWork	sq.m	29,69	\$ 25,85	\$ 767,49	sq.m	29,69	\$ 19,05	\$ 565,59
	Sub Total				\$ 3.107,79				\$ 3.133,59
III	WALL INSTALLATION WORKS								
1	Wall concrete block (39 x 19 x 14), 1Pc : 4 ps grade A for around the building External inc. corefill	Sq.m	36,27	\$ 13,64	\$ 494,75	Sq.m	36,27	\$ 14,29	\$ 518,33
2	Wall plester (1Pc : 3 Sand), thickness 15mm	Sq.m	77,19	\$ 5,14	\$ 396,78	Sq.m	77,19	\$ 5,37	\$ 414,53
3	Finishing with cement mortar	Sq.m	77,19	\$ 3,25	\$ 250,88	Sq.m	77,19	\$ 3,30	\$ 254,74
	Sub Total				\$ 1.142,41				\$ 1.187,60
IV	DOOR AND WINDOW WORKS								
1	Supply and Installation of single Door frame aluminium Type D1 2270 mm x 900 mm,including all accessories & finishing/Pintu Panel Aluminium	Unit	1,00	\$ 500,00	\$ 500,00	Unit	1,00	\$ 286,67	\$ 286,67
2	Supply and Installation Window frame aluminium with glass 5mm Type W1 2100 mm x 1500 mm,including all accessories,	Unit	1,00	\$ 400,00	\$ 400,00	Unit	1,00	\$ 264,67	\$ 264,67
3	Supply & install aluminium with Glass for Ventilation 300 mm x 700 mm V1	Unit	1,00	\$ 100,00	\$ 100,00	Unit	1,00	\$ 125,67	\$ 125,67
	Sub Total				\$ 1.000,00				\$ 677,00
V	ROOFING WORKS								
1	Supply & install according to drawing, all necessary work for all roof truss frame, S. Hollow 50 x 100 x 2.0 mm	Kg	50,16	1,75	\$ 87,78	Kg	50,16	\$ 2,36	\$ 118,38

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO
 LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE
 PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
2	Supply & Install S. Hollow 50x 50 x 2.0 mm	Kg	80,07	1,75	\$ 140,12	Kg	80,07	\$ 2,36	\$ 188,97
3	Supply & Install Standard roof zincalum Colorbond 0.42 mm TCT and screws with all necessary works	sq.m	19,06	7,80	\$ 148,63	sq.m	19,06	\$ 19,66	\$ 374,62
4	Listplank galvalume 0.42mm	m'	17,30	13,90	\$ 240,50	m'	17,30	\$ 15,07	\$ 260,71
	Sub Total				\$ 617,03				\$ 942,68
VI	CEILING WORKS								
1	Ceiling Frame S.Hollow 40/40 T,0.3 mm	kg	17,54	\$ 12,68	\$ 222,41	kg	17,54	\$ 4,95	\$ 86,82
2	Ceiling PVC T,9mm	sq.m	13,73	\$ 12,68	\$ 174,06	sq.m	13,73	\$ 13,75	\$ 188,75
3	List Ceiling PVC	m'	54,62	\$ 1,63	\$ 89,03	m'	54,62	\$ 3,21	\$ 175,33
	Sub Total				\$ 485,50				\$ 450,90
VII	FLOOR TILE WORKS								
1	Supply & install Floor Ceramic tile 400mm x 400mm, Color simillar approval by Engineer	Sq.m	10,00	\$ 21,83	\$ 218,30	Sq.m	10,00	\$ 23,67	\$ 236,70
	Sub Total				\$ 218,30				\$ 236,70
VIII	ELECTRICAL WORKS								
1	Supply & install Lighting Phillips F1 TL 2 x 36 W	Unit	2,00	\$ 36,35	\$ 72,70	Unit	2,00	\$ 31,68	\$ 63,36
2	Supply & install Single Switches 1200mm FFL include wall box	Unit	1,00	\$ 12,00	\$ 12,00	Unit	1,00	\$ 9,35	\$ 9,35
3	Supply & install Cable Nym 3 x 1,5 mm SNI Standardd include Pipe	Unit	10,00	\$ 10,00	\$ 100,00	M'	10,00	\$ 3,49	\$ 34,87
4	Supply & install Cable Nym 3 x 2,5 mm SNI Standardd include Pipe	Unit	10,00	\$ 10,00	\$ 100,00	M'	10,00	\$ 3,98	\$ 39,80
6	Supply & install Socket 35 VA	Unit	2,00	\$ 12,00	\$ 24,00	Unit	2,00	\$ 9,87	\$ 19,74
	Sub Total				\$ 308,70				\$ 167,12
IX	SANITASI WORKS								
1	Supply & install kitchen sink + all accessories	Unit	1,00	\$ 100,00	\$ 100,00	Unit	1,00	\$ 100,00	\$ 100,00
2	Supply & install diameter Pipe 2" for Waste water pipe sistem	Unit	6,00	\$ 15,98	\$ 95,88	Unit	6,00	\$ 8,35	\$ 50,10
3	Supply & install Kichen faucet	Unit	1,00	\$ 10,28	\$ 10,28	Unit	1,00	\$ 7,81	\$ 7,81
	Sub Total				\$ 206,16				\$ 157,91
X	PAINTING WORKS								
1	Wall painting (Prepare and apply three coats of 'Nippon 3 in 1 washable acrylic elastomeric coating to :) Color simillar approval by site Engineer	Sq.m	77,19	\$ 3,42	\$ 264,00	Sq.m	77,19	\$ 3,56	\$ 274,81
	Sub Total				\$ 264,00				\$ 274,81
c	TOWER WORKS (New Construction)								
1	Bowplank / frame work	m'	21,60	\$ 10,66	\$ 230,26	m'	21,60	\$ 10,67	\$ 230,47
2	Excavation Earth Foundation	Cu.m	18,80	\$ 5,14	\$ 95,63	Cu.m	18,80	\$ 5,14	\$ 96,63
3	Sand Bedding under foundation Thinkness 50mm	Cu.m	0,07	\$ 11,10	\$ 0,80	Cu.m	0,07	\$ 23,89	\$ 1,72
4	Back Filling sides of foundation	Cu.m	2,52	\$ 1,70	\$ 4,28	Cu.m	2,52	\$ 1,70	\$ 4,28
5	Compacted of foundation sides	Cu.m	2,52	\$ 5,50	\$ 13,86	Cu.m	2,52	\$ 4,20	\$ 10,58
6	Reinforced concrete for Foot Plate, (21.17 Mpa)	Cu.m	1,60	\$ 116,15	\$ 185,84	Cu.m	1,60	\$ 141,70	\$ 226,72
-	Reinforcement Steel (D 13mm D 8mm)	kg	178,88	\$ 1,54	\$ 275,65	kg	178,88	\$ 1,80	\$ 321,98
-	FormWork	Sq.m	10,32	\$ 25,85	\$ 266,77	Sq.m	10,32	\$ 19,05	\$ 196,60
7	Lean Concrete, T=50 mm (14.5 Mpa)	Cu.m	0,03	\$ 108,55	\$ 3,47	Cu.m	0,03	\$ 130,30	\$ 4,17
	Sloof 200/300 mm (21.17 Mpa)	Cu.m	0,62	\$ 116,15	\$ 72,48	Cu.m	0,62	\$ 141,70	\$ 88,42
-	Reinforcement Steel (D 12 mm D 8mm)	kg	61,55	\$ 1,54	\$ 94,85	kg	61,55	\$ 1,80	\$ 110,79
-	FormWork	Sq.m	6,24	\$ 35,29	\$ 220,21	Sq.m	6,24	\$ 31,63	\$ 197,37
9	ANCHOR BOLT (Ø19mm - 600mm)	unit	16,00	\$ 9,50	\$ 152,00	unit	16,00	\$ 8,70	\$ 139,20
10	PLATE GROUNG TEXTURE (2600x2600x10mm)	m2	6,76	\$ 22,50	\$ 152,10	m2	6,76	\$ 22,50	\$ 152,10
11	BASE PLATE (200x200x12mm)	unit	8,00	\$ 5,20	\$ 41,60	unit	8,00	\$ 5,20	\$ 41,60
12	STEEL TYPE L 25 x 25 x 3 mm	kg	45,25	\$ 1,95	\$ 88,23	kg	45,25	\$ 2,36	\$ 106,79
13	RAILING STEEL TYPE L 40 x 40 x 3mm	kg	211,37	\$ 1,95	\$ 412,16	kg	211,37	\$ 2,36	\$ 498,82
14	STEEL TYPE L 50 x 50 x 5 mm	kg	3,75	\$ 1,95	\$ 7,31	kg	3,75	\$ 2,36	\$ 8,85
15	STEEL TYPE L 80 x 80 x 6 mm	kg	107,55	\$ 1,95	\$ 209,72	kg	107,55	\$ 2,36	\$ 253,82
16	STEEL TYPE L, 100x100x6 mm	kg	1.323,12	\$ 1,95	\$ 2.580,08	kg	1323,12	\$ 2,36	\$ 3.122,56
17	PLATE GUSSET 10mm SISTIM WELDING	unit	40,00	\$ 5,20	\$ 208,00	unit	40,00	\$ 5,20	\$ 208,00
18	Canal C 30 x 80 X 2 mm	m'	28,00	\$ 1,76	\$ 49,28	kg	57,87	\$ 2,43	\$ 140,62
19	Zinc o.42 mm	Sq.m	13,69	\$ 19,43	\$ 266,00	Sq.m	13,69	\$ 19,66	\$ 269,15
20	Zinc Gater 40 x 20 x 2 mm	Sq.m	3,55	\$ 14,26	\$ 50,65	Sq.m	3,55	\$ 14,26	\$ 50,65

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO
 LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE
 PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
21	Pipe PVC 3"	m'	7,50	\$ 10,00	\$ 75,00	m'	7,50	\$ 10,97	\$ 82,28
22	ELBOW 45° Ø3" PVC	Unit	2,00	\$ 5,73	\$ 11,46	Unit	2,00	\$ 6,59	\$ 13,18
23	CORONG Ø3" PVC	Unit	1,00	\$ 3,25	\$ 3,25	Unit	1,00	\$ 3,25	\$ 3,25
24	STEEL PAINT TYPE L 25 x 25 x 3 mm	Sq.m	2,02	\$ 3,93	\$ 7,94	Sq.m	2,02	\$ 4,12	\$ 8,32
25	RAILING STEEL TYPE L 40 x 40 x 3mm	Sq.m	9,24	\$ 3,93	\$ 36,31	Sq.m	9,24	\$ 4,12	\$ 38,07
26	PAINT STEEL TYPE L 50 x 50 x 5 mm	Sq.m	0,05	\$ 3,93	\$ 0,20	Sq.m	0,05	\$ 4,12	\$ 0,21
27	PAINT STEEL TYPE L 80 x 80 x 6 mm	Sq.m	2,40	\$ 3,93	\$ 9,43	Sq.m	2,40	\$ 4,12	\$ 9,89
28	PAINT STEEL TYPE L, 100x100x 6 mm	Sq.m	23,84	\$ 3,93	\$ 93,69	Sq.m	23,84	\$ 4,12	\$ 98,22
	Sub Total				\$ 5.919,53				\$ 6.735,31
D	LANDSCAPE (Fences)								
1	Excavation Earth Foundation	Cu.m	3,70	\$ 5,14	\$ 19,02	Cu.m	3,70	\$ 5,14	\$ 19,02
2	Back Filling sides of foundation	Cu.m	4,44	\$ 1,70	\$ 7,55	Cu.m	4,44	\$ 1,70	\$ 7,55
3	Concrete (21.7 Mpa)	Cu.m	3,70	\$ 116,15	\$ 429,76	Cu.m	3,70	\$ 141,70	\$ 524,29
4	Reinforcement Steel D10mm	Kg	74,09	\$ 1,54	\$ 114,17	Kg	74,09	\$ 1,80	\$ 133,36
5	FormWork	m2	99,90	\$ 35,29	\$ 3.525,47	m2	99,90	\$ 19,05	\$ 1.903,10
6	Pipe Galvanis 2"	m'	462,50	\$ 19,44	\$ 8.991,00	m'	462,50	\$ 25,47	\$ 11.779,88
7	Harmonic wire	m'	774,90	\$ 3,94	\$ 3.053,11	m2	774,90	\$ 7,15	\$ 5.540,54
	Sub Total				\$ 16.140,07				\$ 19.907,72
E	FINAL CLEARING								
1	Remove and clean all the construction site areas	Ls	1,00	\$ 250,00	\$ 250,00	Ls	1,00	\$ 100,00	\$ 100,00
	Sub Total				\$ 250,00				\$ 100,00
	CONTRUCTION COST				\$ 34.213,72				\$ 36.362,17
F	Overhead								
	Security								
1	Security guard & logistic controlling	Month	2,00	\$ 120,00	\$ 240,00				
	Project team								
1	Project manager (PM), we request Engineer/Architect (full time on site to communicate & responsibility all aspects) - with similar experience >= 1 projects	Month	2,00	\$ 320,00	\$ 640,00				
2	Site motorcycle and fuel	Month	2,00	\$ 50,00	\$ 100,00				
3	Project Administrator	Month	2,00	\$ 130,00	\$ 260,00				
4	Office costs	Month	0,00	\$ -	\$ -				
7	Electricity	Month	0,00	\$ -	\$ -				
	Safety and protection								
1	Hard hat - yellow - worker	No	10,00	\$ 3,50	\$ 35,00				
2	Hard hat - white - supervisor	No	4,00	\$ 3,50	\$ 14,00				
3	Mask (must be approved by owner)	No	10,00	\$ 0,75	\$ 7,50				
4	Gloves	pair	10,00	\$ 0,75	\$ 7,50				
5	Jacket - yellow - worker	No	10,00	\$ 5,00	\$ 50,00				
6	Jacket - orange - supervisor	No	2,00	\$ 5,00	\$ 10,00				
7	Safety Boots	Pair	10,00	\$ 30,00	\$ 300,00				
8	Boots - canvas	Pair	0,00	\$ -	\$ -				
9	Raincoat	No	0,00	\$ -	\$ -				
10	Large first aid kit for camp	No	0,00	\$ -	\$ -				
11	Small first aid kit for site (include all needed)	No	1,00	\$ 20,00	\$ 20,00				
12	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ 50,00	\$ 50,00				
	As built drawing								
1	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner	Ls	1,00	\$ 50,00	\$ 50,00				
2	Documentation & weekly+monthly report (submit softcopy weekly, hard copy + soft copy monthly)	Ls	1,00	\$ 25,00	\$ 25,00				
	Sub total				\$ 2.604,00				\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

PROJECT NAME CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO

LOCATION MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE

PROJECT OWNER MINISTRY OF INTERIOR

PAY ITEM	ITEM DESCRIPTION	VERIFIED BY ADN, I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
a	OVERHEAD				
1	Security guard & logistic controlling	Ls	1,00	\$ 450,00	\$ 450,00
2	Site Engineer	Ls	1,00	\$ 1.500,00	\$ 1.500,00
3	Traffic Management & Safety	Ls	1,00	\$ 250,00	\$ 250,00
4	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ 300,00	\$ 300,00
5	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner				
6	Documentation & weekly+monthly report (submit softcopy weekly, hard copy + soft copy monthly)	Ls	1,00	\$ 100,00	\$ 100,00
TOTAL					\$ 2.600,00



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT NAME : CONSTRUCTION OF UPF-TL-PDP, MELHORAMENTO BUILDING IN BOBONARO

LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

SUMMARY

NO	WORK DESCRIPTION	AMOUNT USD
1	2	
A	PREPARATION WORKS	\$ -
B	KICHEN WORK (New Construction)	
I	FUNDATION WORKS	\$ -
II	CONCRETE WORKS	\$ -
III	WALL INSTALLATION WORKS	\$ -
IV	DOOR AND WINDOW WORKS	\$ -
V	ROOFING WORKS	\$ -
VI	CEILING WORKS	\$ -
VII	FLOOR TILE WORKS	\$ -
VIII	ELECTRICAL WORKS	\$ -
IX	SANITASI WORKS	\$ -
X	PAINTING WORKS	\$ -
C	TOWER WORKS (New Construction)	\$ -
D	LANDSCAPE (Fences)	\$ -
E	FINAL CLEARING	\$ -
1	Construction Cost (A to K)	\$ -
2	Contractor Fee 10% x A	\$ -
3	Overhead	\$ -
4	TAXA 2% x (A + B + C)	\$ -
5	Contingency 10 % x A	\$ -
6	GRAND TOTAL	\$ -

PROJECT NAME CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO

LOCATION MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE

PROJECT OWNER MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	Unit	Quantity	Unit price	Amount
A	PREPARATION WORKS				
1	Mobilization and Demobilization	Ls	1,00	\$ -	\$ -
2	Site Office 5 m x 7 m	Ls	1,00	\$ -	\$ -
3	Project sing board	Unit	1,00	\$ -	\$ -
4	Clearing, during the construction - end of contact	Ls	1,00	\$ -	\$ -
5	Water & electrical for works	Ls	1,00	\$ -	\$ -
	Sub Total				\$ -
B	KICHEN WORK (New Construction)				
I	FUNDATION WORKS				
1	Bowplank / frame work	m'	13,00	\$ -	\$ -
2	Excavation Earth Foundation	Cu.m	8,14	\$ -	\$ -
3	Stone Masonry 1pc : 3 ps	Cu.m	8,06	\$ -	\$ -
4	Sand Bedding under foundation Thinkness 50mm	Cu.m	0,58	\$ -	\$ -
5	Back Filling sides of foundation and Back Filling Floor building	Cu.m	5,50	\$ -	\$ -
6	Compacted of foundation sides and under Floor	Cu.m	5,50	\$ -	\$ -
	Sub Total				\$ -
II	CONCRETE WORKS				
1	Reinforced concrete of Sloof 150mm x 200mm sloof, (21.7 Mpa) (D10mm x Ø8mm)				
-	Concreate FC = 21.7 Mpa	Cu.m	0,47	\$ -	\$ -
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	59,24	\$ -	\$ -
-	FormWork	sq.m	4,65	\$ -	\$ -
2	Reinforced concrete of 150mm x 150mm Beam, 21.7 Mpa (D10mm x Ø8mm)				
-	Concreate FC = 21.7 Mpa	Cu.m	0,35	\$ -	\$ -
-	Reinforcement Steel D10 mm (D10mm x Ø8mm)	Kg	59,24	\$ -	\$ -
-	FormWork	sq.m	8,53	\$ -	\$ -
3	Install 1Pc : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 21.7Mpa (D12mm x Ø8mm)				
-	Concreate FC = 21.7 Mpa	Cu.m	0,51	\$ -	\$ -
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	92,45	\$ -	\$ -
-	FormWork	sq.m	9,60	\$ -	\$ -
4	Floor Concrete 10 Mpa	Cu.m	1,00	\$ -	\$ -
5	Kitchen Sin Concrete 14.5 Mpa	Cu.m	0,33	\$ -	\$ -
-	Reinforcement Steel D10mm	kg	29,76	\$ -	\$ -

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO
LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	Unit	Quantity	Unit price	Amount
-	FormWork	sq.m	4,38	\$ -	\$ -
6	Kitchen Chimney Concrete 14.5 Mpa	Cu.m	2,16	\$ -	\$ -
-	Reinforcement Steel D10mm	kg	322,25	\$ -	\$ -
-	FormWork	sq.m	29,69	\$ -	\$ -
	Sub Total				\$ -
III	WALL INSTALLATION WORKS				
1	Wall concrete block (39 x 19 x 14), 1Pc : 4 ps grade A for around the building External inc. corefill	sq.m	36,27	\$ -	\$ -
2	Wall plester (1Pc : 3 Sand), thickness 15mm	Sq.m	77,19	\$ -	\$ -
3	Finishing with cement mortar	Sq.m	77,19	\$ -	\$ -
	Sub Total				\$ -
IV	DOOR AND WINDOW WORKS				
1	Supply and Installation of single Door frame aluminium Type D1 2270 mm x 900 mm,including all assessories & finishing/Pintu Panel Aluminium	Unit	1,00	\$ -	\$ -
2	Supply and Installation Window frame aluminium with glass 5mm Type W1 2100 mm x 1500 mm,including all assessories,	Unit	1,00	\$ -	\$ -
3	Supply & install aluminium with Glass for Ventilation 300 mm x 700 mm V1	Unit	1,00	\$ -	\$ -
	Sub Total				\$ -
V	ROOFING WORKS				
1	Supply & install according to drawing, all necessary work for all roof truss frame, S. Hollow 50 x 100 x 2.0 mm	Kg	50,16	\$ -	\$ -
2	Supply & Install S. Hollow 50 x 50 x 2.0 mm	Kg	80,07	\$ -	\$ -
3	Supply & install Standard roof zincalum Colorbond 0.42 mm TCT and screws with all necessary works	sq.m	19,06	\$ -	\$ -
4	Listplank galvalume 0.42mm	m'	17,30	\$ -	\$ -
	Sub Total				\$ -
VI	CEILING WORKS				
1	Ceiling Frame S.Hollow 40/40 T,0.3 mm	kg	17,54	\$ -	\$ -
2	Ceiling PVC T,9mm	sq.m	13,73	\$ -	\$ -
3	List Ceiling PVC	m'	54,62	\$ -	\$ -
	Sub Total				\$ -
VII	FLOOR TILE WORKS				
1	Supply & install Floor Ceramic tile 400mm x 400mm,Color simillar approval by Engineer	Sq.m	10,00	\$ -	\$ -
	Sub Total				\$ -
VIII	ELECTRICAL WORKS				
1	Supply & install Lighting Phillips F1 TL 2 x 36 W	Unit	2,00	\$ -	\$ -

PROJECT NAME CONSTRUCTION OF UPF, TL-PDP, MELHORAMENTO BUILDING IN BOBONARO
LOCATION MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE
PROJECT OWNER MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	Unit	Quantity	Unit price	Amount
2	Supply & install Single Switches 1200mm FFL include wall box	Unit	1,00	\$ -	\$ -
3	Supply & install Cable Nym 3 x 1,5 mm SNI Standardd include Pipe	M'	10,00	\$ -	\$ -
4	Supply & install Cable Nym 3 x 2,5 mm SNI Standardd include Pipe	M'	10,00	\$ -	\$ -
6	Supply & install Socket 35 VA	Unit	2,00	\$ -	\$ -
	Sub Total				\$ -
IX	SANITASI WORKS				
1	Supply & install kitchen sink + all accessories	Unit	1,00	\$ -	\$ -
2	Supply & install diameter Pipe 2" for Waste water pipe sistem	Unit	6,00	\$ -	\$ -
3	Supply & install Kichen faucet	Unit	1,00	\$ -	\$ -
	Sub Total				\$ -
X	PAINTING WORKS				
1	Wall painting (Prepare and apply three coats of 'Nippon 3 in 1 washable acrylic elastomeric coating to :) Color simillar approval by site Engineer	Sq.m	77,19	\$ -	\$ -
	Sub Total				\$ -
c	TOWER WORKS (New Construction)				
1	Bowplank / frame work	m'	21,60	\$ -	\$ -
2	Excavation Earth Foundation	Cu.m	18,80	\$ -	\$ -
3	Sand Bedding under foundation Thinkness 50mm	Cu.m	0,07	\$ -	\$ -
4	Back Filling sides of foundation	Cu.m	2,52	\$ -	\$ -
5	Compacted of foundation sides	Cu.m	2,52	\$ -	\$ -
6	Reinforced concrete for Foot Plate, (21.17 Mpa)	Cu.m	1,60	\$ -	\$ -
-	Reinforcement Steel (D 13mm D 8mm)	kg	178,88	\$ -	\$ -
-	FormWork	Sq.m	10,32	\$ -	\$ -
7	Lean Concrete, T=50 mm (14.5 Mpa)	Cu.m	0,03	\$ -	\$ -
	Sloof 200/300 mm (21.17 Mpa)	Cu.m	0,62	\$ -	\$ -
-	Reinforcement Steel (D 12 mm D 8mm)	kg	61,55	\$ -	\$ -
-	FormWork	Sq.m	6,24	\$ -	\$ -
9	ANCHOR BOLT (Ø19mm - 600mm)	unit	16,00	\$ -	\$ -
10	PLATE GROUNG TEXTURE (2600x2600x10mm)	m2	6,76	\$ -	\$ -
11	BASE PLATE (200x200x12mm)	unit	8,00	\$ -	\$ -
12	STEEL TYPE L 25 x 25 x 3 mm	kg	45,25	\$ -	\$ -
13	RAILING STEEL TYPE L 40 x 40 x 3mm	kg	211,37	\$ -	\$ -
14	STEEL TYPE L 50 x 50 x 5 mm	kg	3,75	\$ -	\$ -
15	STEEL TYPE L 80 x 80 x 6 mm	kg	107,55	\$ -	\$ -
16	STEEL TYPE L, 100x100x6 mm	kg	1323,12	\$ -	\$ -

PROJECT NAME CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO
LOCATION MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE
PROJECT OWNER MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	Unit	Quantity	Unit price	Amount
17	PLATE GUSSET 10mm SISTIM WELDING	unit	40,00	\$ -	\$ -
18	Canal C 30 x 80 X 2 mm	kg	57,87	\$ -	\$ -
19	Zinc o.42 mm	Sq.m	13,69	\$ -	\$ -
20	Zinc Gater 40 x 20 x 2 mm	Sq.m	3,55	\$ -	\$ -
21	Pipe PVC 3"	m'	7,50	\$ -	\$ -
22	ELBOW 45° Ø3" PVC	Unit	2,00	\$ -	\$ -
23	CORONG Ø3" PVC	Unit	1,00	\$ -	\$ -
24	STEEL PAINT TYPE L 25 x 25 x 3 mm	Sq.m	2,02	\$ -	\$ -
25	RAILING STEEL TYPE L 40 x 40 x 3mm	Sq.m	9,24	\$ -	\$ -
26	PAINT STEEL TYPE L 50 x 50 x 5 mm	Sq.m	0,05	\$ -	\$ -
27	PAINT STEEL TYPE L 80 x 80 x 6 mm	Sq.m	2,40	\$ -	\$ -
28	PAINT STEEL TYPE L, 100x100x 6 mm	Sq.m	23,84	\$ -	\$ -
	Sub Total				\$ -
D	LANDSCAPE (Fences)				
1	Excavation Earth Foundation	Cu.m	3,70	\$ -	\$ -
2	Back Filling sides of foundation	Cu.m	4,44	\$ -	\$ -
3	Concrete (21.7 Mpa)	Cu.m	3,70	\$ -	\$ -
4	Reinforcement Steel D10mm	Kg	74,09	\$ -	\$ -
5	FormWork	m2	99,90	\$ -	\$ -
6	Pipe Galvanis 2"	m'	462,50	\$ -	\$ -
7	Harmonic wire	m2	774,90	\$ -	\$ -
	Sub Total				\$ -
E	FINAL CLEARING				
1	Remove and clean all the construction site areas	Ls	1,00	\$ -	\$ -
	Sub Total				\$ -
	CONTRUCTION COST				\$ -



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO

LOCATION : MUNICIPALITY BOBONARO, SUKAER MIDAR, - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

PAY ITEM	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
a	OVERHEAD				
1	Security guard & logistic controlling	Ls	1,00	\$ -	\$ -
2	Site Engineer	Ls	1,00	\$ -	\$ -
3	Traffic Management & Safety	Ls	1,00	\$ -	\$ -
4	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ -	\$ -
5	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner				
6	Documentation & weekly+monthly report (submit softcopy weekly, hard copy + soft copy monthly)	Ls	1,00	\$ -	\$ -
TOTAL					\$ -

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SUMMARY

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)

LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

NO	WORK DESCRIPTION	PROPOSED BY OWNER		VERIFIED BY ADN	
		AMOUNT USD	3	AMOUNT USD	3
1	2		3		3
A	PREPARATION WORKS	\$	3.875,00	\$	1.386,68
B	KICHEN WORK (New Construction)				
I	FUNDATION WORKS	\$	885,39	\$	904,15
II	CONCRETE WORKS	\$	3.107,79	\$	3.120,40
III	WALL INSTALLATION WORKS	\$	1.142,41	\$	1.187,60
IV	DOOR AND WINDOW WORKS	\$	1.000,00	\$	677,00
V	ROOFING WORKS	\$	617,03	\$	942,68
VI	CEILING WORKS	\$	485,50	\$	450,90
VII	FLOOR TILE WORKS	\$	218,30	\$	236,70
VIII	ELECTRICAL WORKS	\$	308,70	\$	167,12
IX	SANITASI WORKS	\$	206,16	\$	157,91
X	PAINTING WORKS	\$	264,00	\$	274,81
C	TOWER WORKS (New Construction)	\$	5.919,53	\$	6.737,48
D	LANDSCAPE (Fences)	\$	16.401,94	\$	20.230,80
E	FINAL CLEARING	\$	250,00	\$	100,00
1	Construction Cost (A to K)	\$	34.681,75	\$	36.574,23
2	Contractor Fee 10% x A	\$	3.468,17	\$	3.657,42
3	General Item	\$	2.604,00	\$	2.600,00
4	TAXA 2% x (A + B + C)	\$	815,08	\$	856,63
5	Contigency 10 % x A	\$	3.468,17	\$	3.657,42
6	GRAND TOTAL	\$	45.037,17	\$	47.345,71

Verified by :


 (Angelita Maria de Jesus Cardoso)
 Civil Engineer ADN, I.P.

Checked By :


 (Johannes Hornay)
 Chefe do Departamento EPMETIC UAP-ADN.I.P

Certified By :

 (Jose Fernando da Soares)
 Coordenador UAP - ADN, I.P.


 (Angelica da Costa)
 Electrical Engineer ADN, I.P.



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)

LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

PAY ITEM	ITEM DESCRIPTION	VERIFIED BY ADN, I.P.			
		UNIT	QUANTITY	UNIT RATE US\$	AMOUNT US\$
a	OVERHEAD				
1	Security guard & logistic controlling	Ls	1,00	\$ 450,00	\$ 450,00
2	Site Engineer	Ls	1,00	\$ 1.500,00	\$ 1.500,00
3	Traffic Management & Safety	Ls	1,00	\$ 250,00	\$ 250,00
4	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ 300,00	\$ 300,00
5	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner				
6	Documentation & weekly+monthly report (submit softcopy weekly, hard copy + soft copy monthly)	Ls	1,00	\$ 100,00	\$ 100,00
TOTAL					\$ 2.600,00

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
 LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
 PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
A	PREPARATION WORKS								
1	Mobilization and Demobilization	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 200,00	\$ 200,00
2	Site Office 5 m x 7 m	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 750,00	\$ 750,00
3	Project sing board	Unit	1,00	\$ 75,00	\$ 75,00	Unit	1,00	\$ 86,68	\$ 86,68
4	Clearing, during the construction - end of contact	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 350,00	\$ 350,00
5	Water & electrical for works	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 100,00	\$ 100,00
Sub Total				\$ 3.875,00				\$ 1.386,68	
B	KICHEN WORK (New Construction)								
I	FUNDATION WORKS								
1	Bowplank / frame work	m'	13,00	\$ 10,66	\$ 138,58	m'	13,00	\$ 10,67	\$ 138,71
2	Excavation Earth Foundation	Cu.m	8,14	\$ 5,14	\$ 41,83	Cu.m	8,14	\$ 5,14	\$ 41,83
3	Stone Masonry 1pc :3 ps	Cu.m	8,06	\$ 82,64	\$ 666,08	Cu.m	8,06	\$ 84,03	\$ 677,28
5	Sand Bedding under foundation Thinkness 50mm	Cu.m	0,58	\$ 11,10	\$ 6,45	Cu.m	0,58	\$ 23,89	\$ 13,89
6	Back Filling sides of foundation and Back Filling Floor building	Cu.m	5,50	\$ 1,70	\$ 9,35	Cu.m	5,50	\$ 1,70	\$ 9,35
7	Compacted of foundation sides and under Floor	Cu.m	5,50	\$ 4,20	\$ 23,10	Cu.m	5,50	\$ 4,20	\$ 23,10
Sub Total				\$ 885,39				\$ 904,15	
II	CONCRETE WORKS								
1	Reinforced concrete of Sloof 150mm x 150mm sloof, (21.7 Mpa) {D10mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa)	Cu.m	0,47	\$ 116,15	\$ 54,01	Cu.m	0,35	\$ 141,70	\$ 49,42
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	59,24	\$ 1,54	\$ 91,29	Kg	59,24	\$ 1,80	\$ 106,63
-	FormWork	sq.m	4,65	\$ 25,85	\$ 120,20	sq.m	4,65	\$ 31,63	\$ 147,08
2	Reinforced concrete of 150mm x 200mm Beam, 21.7 Mpa (D10mm x Ø8mm)	Kg				Kg			
-	Concreate FC = 21.7 Mpa	Cu.m	0,35	\$ 116,15	\$ 40,51	Cu.m	0,35	\$ 141,70	\$ 49,42
-	Reinforcement Steel D10 mm (D10mm x Ø8mm)	Kg	59,24	\$ 1,54	\$ 91,29	Kg	59,24	\$ 1,80	\$ 106,63
-	FormWork	sq.m	8,53	\$ 43,27	\$ 368,88	sq.m	8,53	\$ 31,63	\$ 269,65
3	Install 1Pc : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 21.7Mpa (D12mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa	Cu.m	0,51	\$ 116,15	\$ 58,80	Cu.m	0,51	\$ 141,70	\$ 71,74
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	92,45	\$ 1,54	\$ 142,46	Kg	92,45	\$ 1,80	\$ 166,41
-	FormWork	sq.m	9,60	\$ 35,29	\$ 338,78	sq.m	9,60	\$ 42,20	\$ 405,12
4	Floor Concrete 14.5 Mpa	sq.m	1,00	\$ 108,55	\$ 108,55	sq.m	1,00	\$ 133,58	\$ 133,58
5	Kitchen Sin Concrete 14.5 Mpa	Cu.m	0,33	\$ 108,55	\$ 35,82	Cu.m	0,33	\$ 133,58	\$ 44,08
-	Reinforcement Steel D10mm	kg	29,76	\$ 1,54	\$ 45,86	kg	29,76	\$ 1,80	\$ 53,57
	FormWork	sq.m	4,38	\$ 25,85	\$ 113,22	sq.m	4,38	\$ 19,05	\$ 83,44
6	Kitchen Chimney Concrete 14.5 Mpa	Cu.m	2,16	\$ 108,55	\$ 234,03	Cu.m	2,16	\$ 133,58	\$ 288,00
-	Reinforcement Steel D10mm	kg	322,25	\$ 1,54	\$ 496,59	kg	322,25	\$ 1,80	\$ 580,05
	FormWork	sq.m	29,69	\$ 25,85	\$ 767,49	sq.m	29,69	\$ 19,05	\$ 565,59
Sub Total				\$ 3.107,79				\$ 3.120,40	
III	WALL INSTALLATION WORKS								

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
 LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
 PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
1	Wall concrete block (39 x 19 x 14), 1Pc : 4 ps grade A for around the building External inc. corefill	sq.m	36,27	\$ 13,64	\$ 494,75	sq.m	36,27	\$ 14,29	\$ 518,33
2	Wall plester (1Pc : 3 Sand), thickness 15mm	Sq.m	77,19	\$ 5,14	\$ 396,78	Sq.m	77,19	\$ 5,37	\$ 414,53
3	Finishing with cement mortar	Sq.m	77,19	\$ 3,25	\$ 250,88	Sq.m	77,19	\$ 3,30	\$ 254,74
	Sub Total				\$ 1.142,41				\$ 1.187,60
IV	DOOR AND WINDOW WORKS								
1	Supply and Installation of single Door frame aluminium Type D1 2270 mm x 900 mm, including all accessories & finishing/Pintu Panel Aluminium	Unit	1,00	\$ 500,00	\$ 500,00	Unit	1,00	\$ 286,67	\$ 286,67
2	Supply and Installation Window frame aluminium with glass 5mm Type W1 2100 mm x 1500 mm, including all accessories,	Unit	1,00	\$ 400,00	\$ 400,00	Unit	1,00	\$ 264,67	\$ 264,67
3	Supply & Install aluminium with Glass for Ventilation 300 mm x 700 mm V1	Unit	1,00	\$ 100,00	\$ 100,00	Unit	1,00	\$ 125,67	\$ 125,67
	Sub Total				\$ 1.000,00				\$ 677,00
V	ROOFING WORKS								
1	Supply & install according to drawing, all necessary work for all roof truss frame, S. Hollow 50 x 100 x 2.0 mm	Kg	50,16	\$ 1,75	\$ 87,78	Kg	50,16	\$ 2,36	\$ 118,38
2	Supply & Install S. Hollow 50 x 50 x 2.0 mm	Kg	80,07	\$ 1,75	\$ 140,12	Kg	80,07	\$ 2,36	\$ 188,97
3	Supply & install Standard roof zincalum Colorbond 0.42 mm TCT and screws with all necessary works	Unit	19,06	\$ 7,80	\$ 148,63	Unit	19,06	\$ 19,66	\$ 374,62
4	Listplank galvalume 0.42mm	sq.m	17,30	\$ 13,90	\$ 240,50	sq.m	17,30	\$ 15,07	\$ 260,71
	Sub Total				\$ 617,03				\$ 942,68
VI	CEILING WORKS								
1	Ceiling Frame S.Hollow 40/40 T,0.3 mm	kg	17,54	\$ 12,68	\$ 222,41	kg	17,54	\$ 4,95	\$ 86,82
2	Ceiling PVC T,9mm	sq.m	13,73	\$ 12,68	\$ 174,06	sq.m	13,73	\$ 13,75	\$ 188,75
3	List Ceiling PVC	m'	54,62	\$ 1,63	\$ 89,03	m'	54,62	\$ 3,21	\$ 175,33
	Sub Total				\$ 485,50				\$ 450,90
VII	FLOOR TILE WORKS								
1	Supply & Install Floor Ceramic tile 400mm x 400mm, Color simillar approval by Engineer	Sq.m	10,00	\$ 21,83	\$ 218,30	Sq.m	10,00	\$ 23,67	\$ 236,70
	Sub Total				\$ 218,30				\$ 236,70
VIII	ELECTRICAL WORKS								
1	Supply & install Lighting Phillips F1 TL 2 x 36 W	Unit	2,00	\$ 36,35	\$ 72,70	Unit	2,00	\$ 31,68	\$ 63,36
2	Supply & install Single Switches 1200mm FFL include wall box	Unit	1,00	\$ 12,00	\$ 12,00	Unit	1,00	\$ 9,35	\$ 9,35
3	Supply & install Cable Nym 3 x 1,5 mm SNI Standardd Include Pipe	Unit	10,00	\$ 10,00	\$ 100,00	M'	10,00	\$ 3,49	\$ 34,87
4	Supply & install Cable Nym 3 x 2,5 mm SNI Standardd Include Pipe	Unit	10,00	\$ 10,00	\$ 100,00	M'	10,00	\$ 3,98	\$ 39,80
6	Supply & Install Socket 35 VA	Unit	2,00	\$ 12,00	\$ 24,00	Unit	2,00	\$ 9,87	\$ 19,74
	Sub Total				\$ 308,70				\$ 167,12
IX	SANITASI WORKS								

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
1	Supply & Install kitchen sink + all accessories	Unit	1,00	\$ 100,00	\$ 100,00	Unit	1,00	\$ 100,00	\$ 100,00
2	Supply & install diameter Pipe 2" for Waste water pipe sistem	Unit	6,00	\$ 15,98	\$ 95,88	Unit	6,00	\$ 8,35	\$ 50,10
3	Supply & install Kichen faucet	Unit	1,00	\$ 10,28	\$ 10,28	Unit	1,00	\$ 7,81	\$ 7,81
	Sub Total				\$ 206,16				\$ 157,91
X	PAINTING WORKS								
1	Wall painting (Prepare and apply three coats of 'Nippon 3 in 1 washable acrylic elastomerlc coating to :) Color simillar approval by site Engineer	Sq.m	77,19	\$ 3,42	\$ 264,00	Sq.m	77,19	\$ 3,56	\$ 274,81
	Sub Total				\$ 264,00				\$ 274,81
c	TOWER WORKS (New Construction)				\$ 5.919,53				\$ 6.737,48
1	Bowplank / frame work	m'	21,60	\$ 10,66	\$ 230,26	m'	21,60	\$ 10,67	\$ 230,47
2	Excavation Earth Foundation	Cu.m	18,80	\$ 5,14	\$ 96,63	Cu.m	18,80	\$ 5,14	\$ 96,63
3	Sand Bedding under foundation Thinkness 50mm	Cu.m	0,07	\$ 11,10	\$ 0,80	Cu.m	0,07	\$ 23,89	\$ 1,72
4	Back Filling sides of foundation	Cu.m	2,52	\$ 1,70	\$ 4,28	Cu.m	2,52	\$ 1,70	\$ 4,28
5	Compacted of foundation sides	Cu.m	2,52	\$ 5,50	\$ 13,86	Cu.m	2,52	\$ 4,20	\$ 10,58
6	Reinforced concrete for Foot Plate, (21.17 Mpa)	Cu.m	1,60	\$ 116,15	\$ 185,84	Cu.m	1,60	\$ 141,70	\$ 226,72
-	Reinforcement Steel (D 13mm D 8mm)	kg	178,88	\$ 1,54	\$ 275,65	kg	178,88	\$ 1,80	\$ 321,98
-	FormWork	Sq.m	10,32	\$ 25,85	\$ 266,77	Sq.m	10,32	\$ 19,05	\$ 196,60
7	Lean Concrete, T=50 mm (14.5 Mpa)	Cu.m	0,03	\$ 108,55	\$ 3,47	Cu.m	0,03	\$ 133,58	\$ 4,27
8	Sloof 200/300 mm (21.17 Mpa)	Cu.m	0,62	\$ 116,15	\$ 72,48	Cu.m	0,62	\$ 141,70	\$ 88,42
-	Reinforcement Steel (D 12 mm D 8mm)	kg	61,55	\$ 1,54	\$ 94,85	kg	61,55	\$ 1,80	\$ 110,79
-	FormWork	Sq.m	6,24	\$ 35,29	\$ 220,21	Sq.m	6,24	\$ 31,63	\$ 197,37
11	ANCHOR BOLT (Ø19mm - 600mm)	unit	16,00	\$ 9,50	\$ 152,00	unit	16,00	\$ 8,70	\$ 139,20
12	PLATE GROUNG TEXTURE (2600x2600x10mm)	m2	6,76	\$ 22,50	\$ 152,10	m2	6,76	\$ 22,50	\$ 152,10
13	BASE PLATE (200x200x12mm)	unit	8,00	\$ 5,20	\$ 41,60	unit	8,00	\$ 5,20	\$ 41,60
14	STEEL TYPE L 25 x 25 x 3 mm	kg	45,25	\$ 1,95	\$ 88,23	kg	45,25	\$ 2,36	\$ 106,79
15	RAILING STEEL TYPE L 40 x 40 x 3mm	kg	211,37	\$ 1,95	\$ 412,16	kg	211,37	\$ 2,36	\$ 498,82
16	Steel Type L 50 X 50 X 5 Mm	kg	3,75	\$ 1,95	\$ 7,31	kg	3,75	\$ 2,36	\$ 8,85
17	STEEL TYPE L 80 x 80 x 6 mm	kg	107,55	\$ 1,95	\$ 209,72	kg	107,55	\$ 2,36	\$ 253,82
18	STEEL TYPE L, 100x100x6 mm	kg	1.323,12	\$ 1,95	\$ 2.580,08	kg	1.323,12	\$ 2,36	\$ 3.122,56
19	PLATE GUSSET 10mm SISTIM WELDING	unit	40,00	\$ 5,20	\$ 208,00	unit	40,00	\$ 5,20	\$ 208,00
20	Canal C 30 x 80 X 2 mm	m'	28,00	\$ 1,76	\$ 49,28	kg	57,87	\$ 2,43	\$ 140,62
21	Zinc o.42 mm	Sq.m	13,69	\$ 19,43	\$ 266,00	Sq.m	13,69	\$ 19,66	\$ 269,15
22	Zinc Gater 40 x 20 x 2 mm	Sq.m	3,55	\$ 14,26	\$ 50,65	Sq.m	3,55	\$ 14,26	\$ 50,65
23	Pipe PVC 3"	m'	7,50	\$ 10,00	\$ 75,00	m'	7,50	\$ 10,97	\$ 82,28
24	ELBOW 45° Ø3" PVC	Unit	2,00	\$ 5,73	\$ 11,46	Unit	2,00	\$ 6,59	\$ 13,18
25	CORONG Ø3" PVC	Unit	1,00	\$ 3,25	\$ 3,25	Unit	1,00	\$ 3,25	\$ 3,25
26	STEEL PAINT TYPE L 25 x 25 x 3 mm	Sq.m	2,02	\$ 3,93	\$ 7,94	Sq.m	2,02	\$ 4,12	\$ 8,32
27	RAILING STEEL TYPE L 40 x 40 x 3mm	Sq.m	9,24	\$ 3,93	\$ 36,31	Sq.m	9,24	\$ 4,12	\$ 38,07
28	PAINT STEEL TYPE L 50 x 50 x 5 mm	Sq.m	0,05	\$ 3,93	\$ 0,20	Sq.m	0,05	\$ 4,12	\$ 0,21
29	PAINT STEEL TYPE L 80 x 80 x 6 mm	Sq.m	2,40	\$ 3,93	\$ 9,43	Sq.m	2,40	\$ 4,12	\$ 9,89
30	PAINT STEEL TYPE L, 100x100x6 mm	Sq.m	23,84	\$ 3,93	\$ 93,69	Sq.m	23,84	\$ 4,12	\$ 98,22

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY ADN			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
	Sub Total				\$ 5.919,53				\$ 6.737,48
D	LANDSCAPE (Fences)								
1	Excavation Earth Foundation	Cu.m	3,76	\$ 5,14	\$ 19,33	Cu.m	3,76	\$ 5,14	\$ 19,33
2	Back Filling sides of foundation	Cu.m	4,51	\$ 1,70	\$ 7,67	Cu.m	4,51	\$ 1,70	\$ 7,67
3	Concrete (21.7 Mpa)	Cu.m	3,76	\$ 116,15	\$ 436,72	Cu.m	3,76	\$ 141,70	\$ 532,79
4	Reinforcement Steel D10mm	Kg	75,29	\$ 1,54	\$ 116,03	Kg	75,29	\$ 1,80	\$ 135,53
5	FormWork	m2	101,52	\$ 35,29	\$ 3.582,64	m2	101,52	\$ 19,05	\$ 1.933,96
6	Pipe Galvanis 2"	m'	470,00	\$ 19,44	\$ 9.136,80	m'	470,00	\$ 25,47	\$ 11.970,90
7	Harmonic wire	m'	787,50	\$ 3,94	\$ 3.102,75	m2	787,50	\$ 7,15	\$ 5.630,63
	Sub Total				\$ 16.401,94				\$ 20.230,80
E	FINAL CLEARING								
1	Remove and clean all the construction site areas	Ls	1,00	\$ 250,00	\$ 250,00	Ls	1,00	\$ 100,00	\$ 100,00
	Sub Total				\$ 250,00				\$ 100,00
	CONTRUCTION COST				\$ 34.475,59				\$ 36.416,32
F	GENERAL ITEM								
	Security								
1	Security guard & logistic controlling	Month	2,00	\$ 120,00	\$ 240,00				
	Project team								
1	Project manager (PM), we request Engineer/Architect (full time on site to communicate & responsibility all aspects) - with similar experience >= 1 projects	Month	2,00	\$ 320,00	\$ 640,00				
2	Site motorcycle and fuel	Month	2,00	\$ 50,00	\$ 100,00				
3	Project Administrator	Month	2,00	\$ 130,00	\$ 260,00				
				\$ -					
	Safety and protection								
3	Hard hat - yellow - worker	No	10,00	\$ 3,50	\$ 35,00				
4	Hard hat - white - supervisor	No	4,00	\$ 3,50	\$ 14,00				
5	Mask (must be approved by owner)	No	10,00	\$ 0,75	\$ 7,50				
6	Gloves	pair	10,00	\$ 0,75	\$ 7,50				
7	Jacket - yellow - worker	No	10,00	\$ 5,00	\$ 50,00				
8	Jacket - orange - supervisor	No	2,00	\$ 5,00	\$ 10,00				
9	Safety Boots	Pair	10,00	\$ 30,00	\$ 300,00				
10	Small first aid kit for site (include all needed)	No	1,00	\$ 20,00	\$ 20,00				
11	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ 50,00	\$ 50,00				
	As built drawing								
1	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner	Ls	1,00	\$ 50,00	\$ 50,00				

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
2	Documentation & weekly+monthly report (submit softcopy weekly, hard copy + soft copy monthly)	Ls	1,00	\$ 25,00	\$ 25,00				
				Sub total	\$ 2.604,00				\$ -





AGENCIA DE DESENVOLVIMENTO NACIONAL, I.P.

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SUMMARY

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)

LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

NO	WORK DESCRIPTION	PROPOSED BY OWNER		VERIFIED BY A D N
		AMOUNT USD	AMOUNT USD	
1	2	3	3	
A	PREPARATION WORKS	\$ 3.875,00	\$ 3.875,00	1.486,68
B	KICHEN WORK (New Construction)			
I	FUNDATION WORKS	\$ 885,39	\$ 885,39	904,15
II	CONCRETE WORKS	\$ 3.107,79	\$ 3.107,79	3.120,40
III	WALL INSTALLATION WORKS	\$ 1.142,41	\$ 1.142,41	1.187,60
IV	DOOR AND WINDOW WORKS	\$ 1.000,00	\$ 1.000,00	677,00
V	ROOFING WORKS	\$ 617,03	\$ 617,03	942,68
VI	CEILING WORKS	\$ 485,50	\$ 485,50	450,90
VII	FLOOR TILE WORKS	\$ 218,30	\$ 218,30	236,70
VIII	ELECTRICAL WORKS	\$ 308,70	\$ 308,70	167,12
IX	SANITASI WORKS	\$ 206,16	\$ 206,16	157,91
X	PAINTING WORKS	\$ 264,00	\$ 264,00	274,81
C	TOWER WORKS (New Construction)	\$ 5.919,53	\$ 5.919,53	6.735,41
D	LANDSCAPE (Fences)	\$ 16.401,94	\$ 16.401,94	20.230,80
E	FINAL CLEARING	\$ 250,00	\$ 250,00	100,00
1	Construction Cost (A to K)	\$ 34.681,75	\$ 34.681,75	36.672,16
2	Contractor Fee 10% x A	\$ 3.468,17	\$ 3.468,17	3.667,22
3	General Item	\$ 2.604,00	\$ 2.604,00	2.600,00
4	TAXA 2% x (A + B + C)	\$ 815,08	\$ 815,08	858,79
5	Contigency 10 % x A	\$ 3.468,17	\$ 3.468,17	3.667,22
6	GRAND TOTAL	\$ 45.037,17	\$ 45.037,17	47.465,38

Verified by :

(Angelita Maria de Jesus Cardoso)
Civil Engineer ADN, I.P.
(Angelica da Costa)

Electrical Engineer ADN, I.P.

Checked By :

(Johannes Hornay)
Chefe do Departamento EPMETIC UAP-ADN.I.P.

Certified By :

30/09/2014
(Jose Fernando Liu Soares)
Coordenador UAP - ADN, I.P.



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

OVERHEAD

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)

LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE

PROJECT OWNER : MINISTRY OF INTERIOR

PAY ITEM	ITEM DESCRIPTION	VERIFIED BY ADN, I.P.			
		UNIT	QUANTITY	UNIT RATE US \$	AMOUNT US \$
a	OVERHEAD				
1	Security guard & logistic controlling	Ls	1,00	\$ 450,00	\$ 450,00
2	Site Engineer	Ls	1,00	\$ 1.500,00	\$ 1.500,00
3	Traffic Management & Safety	Ls	1,00	\$ 250,00	\$ 250,00
4	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ 300,00	\$ 300,00
5	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner				
6	Documentation & weekly+monthly report (submit softcopy weekly, hard copy + soft copy monthly)	Ls	1,00	\$ 100,00	\$ 100,00
TOTAL					\$ 2.600,00

PROJECT NAME : CONSTRUCTION OF UPF, TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
A	PREPARATION WORKS								
1	Mobilization and Demobilization	Ls	1,00	\$ 1.500,00	\$ 1.500,00	Ls	1,00	\$ 200,00	\$ 200,00
2	Site Office 5 m x 7 m	Ls	1,00	\$ 750,00	\$ 750,00	Ls	1,00	\$ 750,00	\$ 750,00
3	Project sing board	Unit	1,00	\$ 75,00	\$ 75,00	Unit	1,00	\$ 86,68	\$ 86,68
4	Clearing, during the construction - end of contact	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 350,00	\$ 350,00
5	Water & electrical for works	Ls	1,00	\$ 350,00	\$ 350,00	Ls	1,00	\$ 100,00	\$ 100,00
	Sub Total				\$ 3.875,00				\$ 1.486,68
B	KICHEN WORK (New Construction)								
I	FUNDATION WORKS								
1	Bowplank / frame work	m'	13,00	\$ 10,66	\$ 138,58	m'	13,00	\$ 10,67	\$ 138,71
2	Excavation Earth Foundation	Cu.m	8,14	\$ 5,14	\$ 41,83	Cu.m	8,14	\$ 5,14	\$ 41,83
3	Stone Masonry 1pc :3 ps	Cu.m	8,06	\$ 82,64	\$ 666,08	Cu.m	8,06	\$ 84,03	\$ 677,28
5	Sand Bedding under foundation Thinkness 50mm	Cu.m	0,58	\$ 11,10	\$ 6,45	Cu.m	0,58	\$ 23,89	\$ 13,89
6	Back Filling sides of foundation and Back Filling Floor building	Cu.m	5,50	\$ 1,70	\$ 9,35	Cu.m	5,50	\$ 1,70	\$ 9,35
7	Compacted of foundation sides and under Floor	Cu.m	5,50	\$ 4,20	\$ 23,10	Cu.m	5,50	\$ 4,20	\$ 23,10
	Sub Total				\$ 885,39				\$ 904,15
II	CONCRETE WORKS								
1	Reinforced concrete of Sloof 150mm x 150mm sloof, (21.7 Mpa) (D10mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa	Cu.m	0,47	\$ 116,15	\$ 54,01	Cu.m	0,35	\$ 141,70	\$ 49,42
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	59,24	\$ 1,54	\$ 91,29	Kg	59,24	\$ 1,80	\$ 106,63
-	FormWork	sq.m	4,65	\$ 25,85	\$ 120,20	sq.m	4,65	\$ 31,63	\$ 147,08
2	Reinforced concrete of 150mm x 200mm Beam, 21.7 Mpa (D10mm x Ø8mm)	Kg				Kg			
-	Concreate FC = 21.7 Mpa	Cu.m	0,35	\$ 116,15	\$ 40,51	Cu.m	0,35	\$ 141,70	\$ 49,42
-	Reinforcement Steel D10 mm (D10mm x Ø8mm)	Kg	59,24	\$ 1,54	\$ 91,29	Kg	59,24	\$ 1,80	\$ 106,63
-	FormWork	sq.m	8,53	\$ 43,27	\$ 368,88	sq.m	8,53	\$ 31,63	\$ 269,65
3	Install 1Pc : 2Sd : 3 Ag reinforced concrete of 150mm x 150mm column, 21.7Mpa (D12mm x Ø8mm)								
-	Concreate FC = 21.7 Mpa	Cu.m	0,51	\$ 116,15	\$ 58,80	Cu.m	0,51	\$ 141,70	\$ 71,74
-	Reinforcement Steel (D10mm x Ø8mm)	Kg	92,45	\$ 1,54	\$ 142,46	Kg	92,45	\$ 1,80	\$ 166,41
-	FormWork	sq.m	9,60	\$ 35,29	\$ 338,78	sq.m	9,60	\$ 42,20	\$ 405,12
4	Floor Concrete 14.5 Mpa	sq.m	1,00	\$ 108,55	\$ 108,55	sq.m	1,00	\$ 133,58	\$ 133,58
5	Kitchen Sin Concrete 14.5 Mpa	Cu.m	0,33	\$ 108,55	\$ 35,82	Cu.m	0,33	\$ 133,58	\$ 44,08
-	Reinforcement Steel D10mm	kg	29,76	\$ 1,54	\$ 45,86	kg	29,76	\$ 1,80	\$ 53,57
	FormWork	sq.m	4,38	\$ 25,85	\$ 113,22	sq.m	4,38	\$ 19,05	\$ 83,44
6	Kitchen Chimney Concrete 14.5 Mpa	Cu.m	2,16	\$ 108,55	\$ 234,03	Cu.m	2,16	\$ 133,58	\$ 288,00
-	Reinforcement Steel D10mm	kg	322,25	\$ 1,54	\$ 496,59	kg	322,25	\$ 1,80	\$ 580,05
	FormWork	sq.m	29,69	\$ 25,85	\$ 767,49	sq.m	29,69	\$ 19,05	\$ 565,59
	Sub Total				\$ 3.107,79				\$ 3.120,40
III	WALL INSTALLATION WORKS								

PROJECT NAME : CONSTRUCTION OF UPF, TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY ADN			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
1	Wall concrete block (39 x 19 x 14), 1Pc : 4 ps grade A for around the building External Inc. corefill	sq.m	36,27	\$ 13,64	\$ 494,75	sq.m	36,27	\$ 14,29	\$ 518,33
2	Wall plaster (1Pc : 3 Sand), thickness 15mm	Sq.m	77,19	\$ 5,14	\$ 396,78	Sq.m	77,19	\$ 5,37	\$ 414,53
3	Finishing with cement mortar	Sq.m	77,19	\$ 3,25	\$ 250,88	Sq.m	77,19	\$ 3,30	\$ 254,74
	Sub Total				\$ 1,142,41				\$ 1,187,60
IV	DOOR AND WINDOW WORKS								
1	Supply and Installation of single Door frame aluminium Type D1 2270 mm x 900 mm, including all assessories & finishing/Pintu Panel Aluminium	Unit	1,00	\$ 500,00	\$ 500,00	Unit	1,00	\$ 286,67	\$ 286,67
2	Supply and Installation Window frame aluminium with glass 5mm Type W1 2100 mm x 1500 mm, including all assessories,	Unit	1,00	\$ 400,00	\$ 400,00	Unit	1,00	\$ 264,67	\$ 264,67
3	Supply & install aluminium with Glass for Ventilation 300 mm x 700 mm V1	Unit	1,00	\$ 100,00	\$ 100,00	Unit	1,00	\$ 125,67	\$ 125,67
	Sub Total				\$ 1,000,00				\$ 677,00
V	ROOFING WORKS								
1	Supply & install according to drawing, all necessary work for all roof truss frame, S. Hollow 50 x 100 x 2.0 mm	Kg	50,16	\$ 1,75	\$ 87,78	Kg	50,16	\$ 2,36	\$ 118,38
2	Supply & Install S. Hollow 50 x 50 x 2.0 mm	Kg	80,07	\$ 1,75	\$ 140,12	Kg	80,07	\$ 2,36	\$ 188,97
3	Supply & install Standard roof zincalum Colorbond 0.42 mm TCT and screws with all necessary works	Unit	19,06	\$ 7,80	\$ 148,63	Unit	19,06	\$ 19,66	\$ 374,62
4	Listplank galvalume 0.42mm	sq.m	17,30	\$ 13,90	\$ 240,50	sq.m	17,30	\$ 15,07	\$ 260,71
	Sub Total				\$ 617,03				\$ 942,68
VI	CEILING WORKS								
1	Ceiling Frame S.Hollow 40/40 T,0.3 mm	kg	17,54	\$ 12,68	\$ 222,41	kg	17,54	\$ 4,95	\$ 86,82
2	Ceiling PVC T,9mm	sq.m	13,73	\$ 12,68	\$ 174,06	sq.m	13,73	\$ 13,75	\$ 188,75
3	List Ceiling PVC	m'	54,62	\$ 1,63	\$ 89,03	m'	54,62	\$ 3,21	\$ 175,33
	Sub Total				\$ 485,50				\$ 450,90
VII	FLOOR TILE WORKS								
1	Supply & Install Floor Ceramic tile 400mm x 400mm, Color simillar approval by Engineer	Sq.m	10,00	\$ 21,83	\$ 218,30	Sq.m	10,00	\$ 23,67	\$ 236,70
	Sub Total				\$ 218,30				\$ 236,70
VIII	ELECTRICAL WORKS								
1	Supply & Install Lighting Phillips F1 TL 2 x 36 W	Unit	2,00	\$ 36,35	\$ 72,70	Unit	2,00	\$ 31,68	\$ 63,36
2	Supply & Install Single Switches 1200mm FFL Include wall box	Unit	1,00	\$ 12,00	\$ 12,00	Unit	1,00	\$ 9,35	\$ 9,35
3	Supply & Install Cable Nym 3 x 1,5 mm SNI Standardt include Pipe	Unit	10,00	\$ 10,00	\$ 100,00	M'	10,00	\$ 3,49	\$ 34,87
4	Supply & Install Cable Nym 3 x 2,5 mm SNI Standardt include Pipe	Unit	10,00	\$ 10,00	\$ 100,00	M'	10,00	\$ 3,98	\$ 39,80
6	Supply & Install Socket 35 VA	Unit	2,00	\$ 12,00	\$ 24,00	Unit	2,00	\$ 9,87	\$ 19,74
	Sub Total				\$ 308,70				\$ 167,12
IX	SANITASI WORKS								

PROJECT NAME : CONSTRUCTION OF UPF, TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY A D N			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
1	Supply & install kitchen sink + all accessories	Unit	1,00	\$ 100,00	\$ 100,00	Unit	1,00	\$ 100,00	\$ 100,00
2	Supply & install diameter Pipe 2" for Waste water pipe sistem	Unit	6,00	\$ 15,98	\$ 95,88	Unit	6,00	\$ 8,35	\$ 50,10
3	Supply & install Kitchen faucet	Unit	1,00	\$ 10,28	\$ 10,28	Unit	1,00	\$ 7,81	\$ 7,81
	Sub Total				\$ 206,16				\$ 157,91
X	PAINTING WORKS								
1	Wall painting (Prepare and apply three coats of 'Nippon 3 in 1 washable acrylic elastomeric coating to :) Color simillar approval by site Engineer	Sq.m	77,19	\$ 3,42	\$ 264,00	Sq.m	77,19	\$ 3,56	\$ 274,81
	Sub Total				\$ 264,00				\$ 274,81
c	TOWER WORKS (New Construction)				\$ 5.919,53				\$ 6.735,41
1	Bowlplank / frame work	m'	21,60	\$ 10,66	\$ 230,26	m'	21,60	\$ 10,67	\$ 230,47
2	Excavation Earth Foundation	Cu.m	18,80	\$ 5,14	\$ 96,63	Cu.m	18,80	\$ 5,14	\$ 96,63
3	Sand Bedding under foundation Thikness 50mm	Cu.m	0,07	\$ 11,10	\$ 0,80	Cu.m	0,07	\$ 23,89	\$ 1,72
4	Back Filling sides of foundation	Cu.m	2,52	\$ 1,70	\$ 4,28	Cu.m	2,52	\$ 1,70	\$ 4,28
5	Compacted of foundation sides	Cu.m	2,52	\$ 5,50	\$ 13,86	Cu.m	2,52	\$ 4,20	\$ 10,58
6	Reinforced concrete for Foot Plate, (21.17 Mpa)	Cu.m	1,60	\$ 116,15	\$ 185,84	Cu.m	1,60	\$ 141,70	\$ 226,72
-	Reinforcement Steel (D 13mm D 8mm)	kg	178,88	\$ 1,54	\$ 275,65	kg	178,88	\$ 1,80	\$ 321,98
-	FormWork	Sq.m	10,32	\$ 25,85	\$ 266,77	Sq.m	10,32	\$ 19,05	\$ 196,60
7	Lean Concrete, T=50 mm (14.5 Mpa)	Cu.m	0,03	\$ 108,55	\$ 3,47	Cu.m	0,03	\$ 133,58	\$ 4,27
8	Sloof 200/300 mm (21.17 Mpa)	Cu.m	0,62	\$ 116,15	\$ 72,48	Cu.m	0,62	\$ 141,70	\$ 88,42
-	Reinforcement Steel (D 12 mm D 8mm)	kg	61,55	\$ 1,54	\$ 94,85	kg	61,55	\$ 1,80	\$ 110,79
-	FormWork	Sq.m	6,24	\$ 35,29	\$ 220,21	Sq.m	6,24	\$ 31,63	\$ 197,37
11	ANCHOR BOLT (Ø19mm - 600mm)	unit	16,00	\$ 9,50	\$ 152,00	unit	16,00	\$ 8,70	\$ 139,20
12	PLATE GROUNG TEXTURE (2600x2600x10mm)	m2	6,76	\$ 22,50	\$ 152,10	m2	6,76	\$ 22,50	\$ 152,10
13	BASE PLATE (200x200x12mm)	unit	8,00	\$ 5,20	\$ 41,60	unit	8,00	\$ 5,20	\$ 41,60
14	STEEL TYPE L 25 x 25 x 3 mm	kg	45,25	\$ 1,95	\$ 88,23	kg	45,25	\$ 2,36	\$ 106,79
15	RAILING STEEL TYPE L 40 x 40 x 3mm	kg	211,37	\$ 1,95	\$ 412,16	kg	211,37	\$ 2,36	\$ 498,82
16	Steel Type L 50 X 50 X 5 Mm	kg	3,75	\$ 1,95	\$ 7,31	kg	3,75	\$ 2,36	\$ 8,85
17	STEEL TYPE L 80 x 80 x 6 mm	kg	107,55	\$ 1,95	\$ 209,72	kg	107,55	\$ 2,36	\$ 253,82
18	STEEL TYPE L, 100x100x6 mm	kg	1.323,12	\$ 1,95	\$ 2.580,08	kg	1.323,12	\$ 2,36	\$ 3.122,56
19	PLATE GUSSET 10mm SISTIM WELDING	unit	40,00	\$ 5,20	\$ 208,00	unit	40,00	\$ 5,20	\$ 208,00
20	Canal C 30 x 80 X 2 mm	m'	28,00	\$ 1,76	\$ 49,28	kg	57,87	\$ 2,43	\$ 140,62
21	Zinc o.42 mm	Sq.m	13,69	\$ 19,43	\$ 266,00	Sq.m	13,69	\$ 19,66	\$ 269,15
22	Zinc Gater 40 x 20 x 2 mm	Sq.m	3,55	\$ 14,26	\$ 50,65	Sq.m	3,55	\$ 14,26	\$ 50,65
23	Pipe PVC 3"	m'	7,50	\$ 10,00	\$ 75,00	m'	7,50	\$ 10,97	\$ 82,28
24	ELBOW 45° Ø3" PVC	Unit	2,00	\$ 5,73	\$ 11,46	Unit	2,00	\$ 6,59	\$ 13,18
25	CORONG Ø3" PVC	Unit	1,00	\$ 3,25	\$ 3,25	Unit	1,00	\$ 3,25	\$ 3,25
26	STEEL PAINT TYPE L 25 x 25 x 3 mm	Sq.m	2,02	\$ 3,93	\$ 7,94	Sq.m	2,02	\$ 4,12	\$ 8,32
27	RAILING STEEL TYPE L 40 x 40 x 3mm	Sq.m	9,24	\$ 3,93	\$ 36,31	Sq.m	9,24	\$ 4,12	\$ 38,07
28	PAINT STEEL TYPE L 50 x 50 x 5 mm	Sq.m	0,05	\$ 3,93	\$ 0,20	Sq.m	0,05	\$ 4,12	\$ 0,21
29	PAINT STEEL TYPE L 80 x 80 x 6 mm	Sq.m	2,40	\$ 3,93	\$ 9,43	Sq.m	2,40	\$ 4,12	\$ 9,89
30	PAINT STEEL TYPE L, 100x100x6 mm	Sq.m	23,84	\$ 3,93	\$ 93,69	Sq.m	23,84	\$ 4,12	\$ 98,22

PROJECT NAME : CONSTRUCTION OF UPF,TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY

NO	DESCRIPTION	PROPOSED BY OWNER				PROPOSED BY ADN			
		Unit	Quantity	Unit price	Amount	Unit	Quantity	Unit price	Amount
	Sub Total				\$ 5.919,53				\$ 6.735,41
D	LANDSCAPE (Fences)								
1	Excavation Earth Foundation	Cu.m	3,76	\$ 5,14	\$ 19,33	Cu.m	3,76	\$ 5,14	\$ 19,33
2	Back Filling sides of foundation	Cu.m	4,51	\$ 1,70	\$ 7,67	Cu.m	4,51	\$ 1,70	\$ 7,67
3	Concrete (21.7 Mpa)	Cu.m	3,76	\$ 116,15	\$ 436,72	Cu.m	3,76	\$ 141,70	\$ 532,79
4	Reinforcement Steel D10mm	Kg	75,29	\$ 1,54	\$ 116,03	Kg	75,29	\$ 1,80	\$ 135,53
5	FormWork	m2	101,52	\$ 35,29	\$ 3.582,64	m2	101,52	\$ 19,05	\$ 1.933,96
6	Pipe Galvanis 2"	m'	470,00	\$ 19,44	\$ 9.136,80	m'	470,00	\$ 25,47	\$ 11.970,90
7	Harmonic wire	m'	787,50	\$ 3,94	\$ 3.102,75	m2	787,50	\$ 7,15	\$ 5.630,63
	Sub Total				\$ 16.401,94				\$ 20.230,80
E	FINAL CLEARING								
1	Remove and clean all the construction site areas	Ls	1,00	\$ 250,00	\$ 250,00	Ls	1,00	\$ 100,00	\$ 100,00
	Sub Total				\$ 250,00				\$ 100,00
	CONTRUCTION COST				\$ 34.475,59				\$ 36.672,16
F	GENERAL ITEM								
	Security								
1	Security guard & logistic controlling	Month	2,00	\$ 120,00	\$ 240,00				
	Project team								
1	Project manager (PM), we request Engineer/Architect (full time on site to communicate & responsibility all aspects) - with similar experience >= 1 projects	Month	2,00	\$ 320,00	\$ 640,00				
2	Site motorcycle and fuel	Month	2,00	\$ 50,00	\$ 100,00				
3	Project Administrator	Month	2,00	\$ 130,00	\$ 260,00				
				\$ -					
	Safety and protection								
3	Hard hat - yellow - worker	No	10,00	\$ 3,50	\$ 35,00				
4	Hard hat - white - supervisor	No	4,00	\$ 3,50	\$ 14,00				
5	Mask (must be approved by owner)	No	10,00	\$ 0,75	\$ 7,50				
6	Gloves	pair	10,00	\$ 0,75	\$ 7,50				
7	Jacket - yellow - worker	No	10,00	\$ 5,00	\$ 50,00				
8	Jacket - orange - supervisor	No	2,00	\$ 5,00	\$ 10,00				
9	Safety Boots	Pair	10,00	\$ 30,00	\$ 300,00				
10	Small first aid kit for site (include all needed)	No	1,00	\$ 20,00	\$ 20,00				
11	Material testing & sampling (sample, catalog & certificate)	Ls	1,00	\$ 50,00	\$ 50,00				
	As built drawing								
1	As built drawing + as built quantity (prepared by Contractor based on actual implementation) - quality & quantity to approved by Owner	Ls	1,00	\$ 50,00	\$ 50,00				



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

PROJECT NAME : CONSTRUCTION OF UPF, TL-PDP, MELHORAMENTO BUILDING IN BOBONARO (MOTA -AIN)
LOCATION : BOBONARO MUNICIPALITY - TIMOR LESTE
PROJECT OWNER : MINISTRY OF INTERIOR

COST OF QUANTITY