



## DELIBERASAUN N. 13/II/CAFI/2025

*Conselho de Administração do Fundo das Infraestruturas – CAFI, bazeia ba artigo 10º (1) e (3) DL N°. 25/2024, de 22 de maio, Primeira Alteração ao DL N°.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 CAFI nune'e mos konfirma finansiamentu iha Orsamentu FI 2025 ba kustu additional ho Variation Order no. 1 ba Projetu “New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022”.

**Proponente:** Ministério da Saúde – MdS

**Notas/justifikasaun:**

- Projetu New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022, apresenta reuniaun extraordinaria CAFI iha loron 4 fulan fevereiru 2025, iha agenda Parte III: Diversus husi Ministério da Saúde nudar projetu nain;
- Bazeia ba karta ne'ebe mak SGP simu husi Ministério da Saúde ho no. Ref.: 61/DG-UGPS/II/2025, data 3 de fevereiro de 2025, ho assuntu: Submissão do BoQ do Projeto de New Construction of Pediatric and ICU Building of Guido Valadares National Hospital;
- New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022, ne'ebe hetan ona verifikasiadaun ADN I.P. ba kustu adisional ho VO#1 \$ 2,457,978.09, kontratu original ho montante \$9,341,663.70;
- Alokasaun orsamentu iha FI 2025 ho montante: \$ 2,802,499.11, Programa 529: Cuidados de Saúde Secundários e Terciários, kodigu atividade: 5291409, Construção do Edifício Pediatric e ICCU no Hospital Nacional Guido Valadares (HNGV) Bidau, Santana, Município de Dili / New Construction of Paediatric and ICU Building of Guido Valadares National Hospital;
- Dono do projetu sei assume responsabilidade hodi assegura orsamentu ba Ezekusan no Implementasaun projetu;
- Projetu nain sei assume responsabilidade ba koordenasaun entre entidade relevantes ba implementasaun projetu ne'e, e ba supervizaun, monitorizaun e akompanhamentu ba projetu ne'e iha faze implementasaun, e sei garante kualidade servisu konstrusaun nian tuir espesifikasiadaun nebe aprova ona;
- Lista proposta:



| Naran<br>kontratu original  | projetu/valor<br>kontratu original  | VO #1: kustu adisional &<br>kontratu orijinal  | Alokasaun orsamentu iha FI<br>2025 |
|---|---|--|------------------------------------|
| <ul style="list-style-type: none"> <li>• New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022;</li> <li>• Valor kontratu orijinal \$9,341,663.70</li> </ul> | <ul style="list-style-type: none"> <li>• Kustu adisional \$2,457,978.09,</li> <li>• Valor final (kontratu Original + kustu adisional) : \$9,341,663.70+\$2,457,978.09, = \$11,799,641.79</li> </ul> | <ul style="list-style-type: none"> <li>• Alokasaun orsamentu: \$ 2,802,499.11;</li> <li>• Programa 529: Cuidados de Saúde Secundários e Terciários;</li> <li>• kodigu atividade: 5291409, Construção do Edifício Pediatric e ICCU no Hospital Nacional Guido Valadares (HNGV) Bidau, Santana, Município de Dili / New Construction of Paediatric and ICU Building of Guido Valadares National Hospital;</li> </ul> |                                    |

**Rekomendasaun:**

- 1) CAFI atu aprova no konfirma finasiamentu ba Projetu New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022, bazeia ba pedidu husi Ministeriu da Saúde ho kustu adisional ba Variatio Order no.1 ho montante \$2,457,978.09;
- 2) Refere ba lista propopsta, CAFI konfirma disponibilidade orsamentu iha FI tinan 2025, molok CdM autoriza despezas bazeia alinea 1 (a) Artigo 5º Dekreto Lei 23/2022, de 19 de Maio, Competência Para a Autorização de Despesa;
- 3) Nesesita autorizasaun despezas husi Conselho de Ministro ba Projetu New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022, kustu total ba projetu hafoin iha kustu additional ba Variation order ho montante \$11,799,641.79;
- 4) Dono do projetu sei assume responsabilidade hodi assegura orsamentu ba, Ezekusan no Implementasaun projetu;
- 5) Projetu nain sei asume responsabilidade ba koordenaun entre entidade relevantes ba implementasaun projetu ne'e, e ba supervizaun, monitorizasaun e akompanhamentu ba projetu ne'e iha faze implementasaun, e sei garante kualidade servisu konstrusaun nian tuir espesifikasiakaun nebe aprova ona;

**Desizaun:**

1. CAFI aprova no konfirma finasiamentu ba projetu New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022, bazeia ba pedidu husi Ministeriu da Saúde;

DELIBERASAUN N.º 13/II/CAFI/2025



2. Refere ba lista propopsta, CAFI konfirma disponibilidade orsamentu iha FI tinan 2025, molok CdM autoriza despezas bazeia alinea 1 (a) Artigo 5º Dekreto Lei 23/2022, de 19 de Maio, Competência Para a Autorização de Despesa;
3. Aprovasaun no Autorizasaun despezas husi Conselho de Ministro ba Projetu New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022, kustu total ba projetu hafoin iha kustu additional ba Variation order ho montante \$11,799,641.79;
4. Dono do projetu sei assume responsabilidade hodi assegura orsamentu ba, Ezekusan no Implementasaun projetu;
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 espesifikasiunaun nebe aprova ona;
6. Lista aprovasaun:

| Naran Projeto/Empresa  | VO #1/ kustu valor final kontratu  | Orgaun Kompetênti Autoriza despezas - DL No. 23/2022, 19 de Maio   |
|--|--|--|
| <ul style="list-style-type: none"><li>• <i>New Construction of Pediatric and ICU Building of the Guido Valadares National Hospital ICB/050/MOH-2022;</i></li><li>• <i>PT Bennatin Surya Cipta Joit Venture Rachio Plan Consultant, Lda.;</i></li></ul> | <ul style="list-style-type: none"><li>• Kustu adisional \$2,457,978.09;</li><li>• Valor final kontratu inklui VO#1: \$11,799,641.79;</li></ul> | CAFİ: Aprova no Konfirma Finansiamantu;<br>CdM: Autoriza Despezas. |

*M* *J*



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 reuniaun CAFI)



Miguel Marques Gonçalves Manetelu  
Ministro dos Transportes e Comunicações



Samuel Marçal  
Ministro das Obras Públicas

DELIBERAÇAUN N.º 13/II/CAFI/2025



**Annexo:**



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

## NOTA DE DESPAICHO

### 1. ORIGEM DO DOCUMENTO

N Ref: 61 / DG-UGPS / SGP/ II /2025

Data do Documento : 03 / 02 /2025

### Proveniência do Documento

Ministerio Saúde

### 2. DETALHES DO DOCUMENTO

Data Entrada do Documento: 03 / 02 /2025

Enviado ao:

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

Assunto:

Submissão do BoQ do Projeto de " New Construction of Pediatric and ICU Building of Guido Valadares Hospital "

### 3. INSTRUÇÃO DO DIRETOR DO SGP

Data do Despacho: 3 / 2 /2025

Para Sr/a

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

Despacho:

Anabela G Del Serasa

Assinatura :

Mauricio Borges



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

Ref.<sup>a</sup>: 61 / DG-UGPS/SGP/II/2025  
Dili, 03 de Fevereiro de 2025

Exmo.  
**Sr. Maurício Borges**  
Diretor do Secretariado de Grandes Projetos  
Ministério do Planeamento e Investimento Estratégico

**Assunto:** Submissão do BoQ do Projeto de ``New Construction of Pediatric and ICU Building of Guido Valadares National Hospital``

**Classificação:** Urgente/ Importante

Exmo. Sr. Diretor,

Aproveito a presente para dirigir ao Exmo. Sr. Diretor os meus melhores cumprimentos.

Venho, por este meio, submeter o novo BoQ do Projeto de ``New Construction of Pediatric and ICU Building of Guido Valadares National Hospital``, devidamente aprovado pelo ADN.

Aproveito igualmente para solicitar a deliberação da CAFI relativamente aos valores adicionais.

Fico inteiramente à disposição para quaisquer esclarecimentos adicionais que se revelem necessários.

Certo da vossa atenção e consideração, apresento os meus mais elevados cumprimentos.



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



**Ministério da Saúde**

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF GUIDO VALADARES NASIONAL HOSPITAL**

Dili, 3 Feb 2025

**Ministério da Saúde**

**OUTLINE**

1. PROGRESSU SERVISU PROJETU
2. TESTES REALIZADOS
3. PLANU SERVISU 31 JAN – 06 FEB 2025



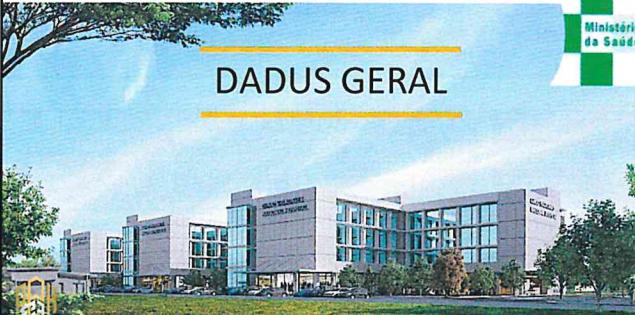

**Legend:**

- ① Costa Primitiva 2 Macassar
- ② Feira I
- ③ Feira II
- ④ Guido Valadares National Hospital
- ⑤ Hospital Nacional Guido Valadares
- ⑥ Faixa de Locação

**Ministério da Saúde**

**Ministério da Saúde**

**DADUS GERAL**



**GENERAL CONTRACT DATA**

**PROJECT TITLE**: NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF GUIDO VALADARES NASIONAL HOSPITAL

**Project Owner**: Ministry of Health of the Republic of Timor-Leste

| CONTRACTOR DATA | Contract No.     | Contract Date    | Contract Value | Contractor  | Construction Period                                    |
|-----------------|------------------|------------------|----------------|---|--|
|                 | JCA/050/HOH/2022 | 22 November 2022 | Rs 311,493,70  | Global Engineering Construction Corporation (GEC) | 720 Calendar Day (January 30, 2023 – January 30, 2025) |

**CONSULTANT DATA**

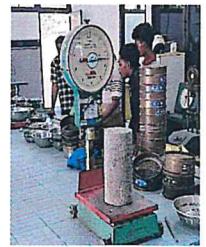
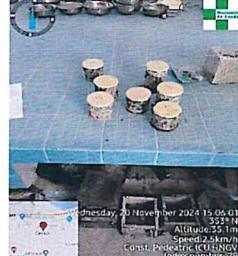
| Contract No.     | Date             | Contract Value   | Supervision Consultant   | Construction Period                                    |
|------------------|------------------|------------------|--|--|
| RFP/051/HOH/2022 | 22 November 2022 | US \$ 223,030.00 | Rachie Pita Consultant, Lda (Timor Leste) JV with PT. Binaan Sriwijaya Cipta (IDN) | 720 Calendar Day (January 30, 2023 – January 05, 2025) |

**Ministério da Saúde**

**PROGRESSU FIZIKU BA CONSTRUSAUN**

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF GUIDO VALADARES NASIONAL HOSPITAL**



**SERVISU ATERRU RAI****SERVISU KOMPAKTAUN RAI****TESTE SANDCONE****TESTE BETAUN****TESTE HAMMER****TESTE CORE DRILL**





AGÉNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

### SUMMARY REVIEW REDESIGN

#### NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bennatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| ITEM NO | DESCRIPTION  | ORIGINAL CONTRACT (USD) | OWNER ESTIMATION            | VERIFIED BY ADN IP          |
|---------|--|-------------------------|-----------------------------|-----------------------------|
|         |  |                         | TOTAL VARIATION PRICE (USD) | TOTAL VARIATION PRICE (USD) |
| 01      | Preliminaries  | \$ 286,292.69           | \$ 286,292.69               | \$ 286,292.69               |
| 02      | Sub Structure  | \$ 3,069,116.15         | \$ 2,781,700.14             | \$ 2,763,697.79             |
| 03      | Upper Structure  | \$ 2,340,864.56         | \$ 2,408,426.20             | \$ 2,382,883.93             |
| 04      | Walls  | \$ 238,589.32           | \$ 1,228,132.42             | \$ 1,161,526.49             |
| 05      | Doors and Windows                                      | \$ 315,025.49           | \$ 326,942.97               | \$ 327,857.25               |
| 06      | Ceiling Finishes                                       | \$ 141,928.78           | \$ 141,928.78               | \$ 141,928.78               |
| 07      | Floor Finishes   | \$ 167,394.52           | \$ 247,023.37               | \$ 240,110.16               |
| 08      | Roof   | \$ 91,348.92            | \$ 976.03                   | \$ 1,099.50                 |
| 09      | Finishing Works  | \$ 443,820.89           | \$ 378,926.01               | \$ 378,926.01               |
| A.      | <b>TOTAL CIVIL AND ARCHITECTURAL WORK (01 TO 09)</b>   | \$ 7,094,381.32         | \$ 7,800,348.62             | \$ 7,684,322.59             |
| 10      | Mechanical Works                                       | \$ 1,201,225.54         | \$ 3,357,727.75             | \$ 3,005,956.75             |
| 11      | Electrical Works                                       | \$ 471,218.11           | \$ 790,113.77               | \$ 536,396.64               |
| B.      | <b>TOTAL MECHANICAL AND ELECTRICAL WORK (10 TO 11)</b> | \$ 1,672,443.65         | \$ 4,147,841.53             | \$ 3,542,353.39             |
| C.      | <b>TOTAL NET BUILDING COST (A+B)</b>                   | \$ 8,766,824.97         | \$ 11,948,190.14            | \$ 11,226,675.99            |
| 12      | External Works   | \$ 47,978.25            | \$ 42,714.81                | \$ 42,714.81                |
| 13      | Specialty Works  | \$ 47,559.67            | \$ 50,950.19                | \$ 50,950.19                |
| D.      | <b>OVERHEAD</b>  |                         |                             |                             |
| 14      | Overhead   | \$ 479,300.81           | \$ 479,300.81               | \$ 479,300.81               |
| VI      | <b>GRAND TOTAL (C+12+13+14)</b>                        | \$ 9,341,663.70         | \$ 12,521,155.95            | \$ 11,799,641.79            |

Verified by :

(Fabiano Vitalis Maria Madeira)  
 Civil Engineer ADN, I.P.

Checked By :

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

Certified By :

(Melenia da Costa Barros)  
 Coordenadora UAP - ADN, I.P.  
25  
8.2024

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

(Joamito Doutel Pereira)  
 Asesor ADN, I.P.

| NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL JCB/050/MOH-2022 |   |  |  |  |  |
|--|---|--|--|--|--|
| SUMMARY  |   |  |  |  |  |
| Project Name   | : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital |  |  |  |  |
| Project Owner  | : Guido Valadares National Hospital   |  |  |  |  |
| Consultant   | : PT Brannain Surya Cipta Joint Venture Rachtio Plan Consultant, LDA                      |  |  |  |  |
| Location   | : Guido Valadares National Hospital, Dili - Timor Leste                                   |  |  |  |  |

| ITEM NO | DESCRIPTION                   | OWNER ESTIMATION     |                  |                   | VERIFIED BY ADN IP |  |
|---------|-------------------------------|----------------------|------------------|-------------------|--------------------|--|
|         |                               | REVISED              |                  | TOTAL PRICE (USD) |                    |  |
|         |                               | ORIGINAL PRICE (USD) | ADDITIONAL (USD) |                   |                    |  |
| I       |                               |                      |                  |                   |                    |  |
| B01     | Preliminaries                 | \$ 286,292.69        | \$ 286,292.69    | \$ 286,292.69     | \$ 286,292.69      |  |
| B02     | Sub Structure                 | \$ 3,069,116.15      | \$ 24,199.43     | \$ 3,093,314.58   | \$ 24,199.43       |  |
| B03     | Upper Structure               | \$ 2,340,864.56      | \$ 222,254.30    | \$ 2,563,118.86   | \$ 384,471.52      |  |
| B04     | Walls                         | \$ 238,589.32        | \$ 351,894.90    | \$ 589,484.22     | \$ 351,894.90      |  |
| B05     | Doors and Windows             | \$ 315,025.49        | \$ 34,983.07     | \$ 349,008.56     | \$ 222,254.30      |  |
| B06     | Ceiling Finishes              | \$ 141,928.78        | \$ 52,687.30     | \$ 194,616.08     | \$ 235,432.60      |  |
| B07     | Floor Finishes                | \$ 167,394.52        | \$ 141,928.78    | \$ 309,323.30     | \$ 52,687.30       |  |
| B08     | Roof                          | \$ 91,348.92         | \$ 167,394.52    | \$ 258,793.44     | \$ 1               |  |
| B09     | Finishing Works               | \$ 443,820.89        | \$ 91,348.92     | \$ 535,169.81     | \$ 91,348.92       |  |
| A.      | TOTAL WORK (01 TO 09)         | \$ 7,094,381.32      | \$ 3,550.56      | \$ 7,097,931.88   | \$ 3,550.56        |  |
| B10     | Mechanical Works              | \$ 1,201,225.34      | \$ 6,178,406.66  | \$ 6,178,406.66   | \$ 6,178,406.66    |  |
| B11     | Electrical Works              | \$ 471,218.11        | \$ 393,077.68    | \$ 818,388.49     | \$ 393,077.68      |  |
| B.      | TOTAL WORK (10 TO 11)         | \$ 1,672,443.05      | \$ 471,218.11    | \$ 2,143,661.16   | \$ 471,218.11      |  |
| C.      | TOTAL NET BUILDING COST (A+B) | \$ 8,766,824.97      | \$ 1,289,606.60  | \$ 10,056,431.57  | \$ 1,289,606.60    |  |
| B12     | External Works                | \$ 47,978.25         | \$ 7,468,013.26  | \$ 7,515,991.51   | \$ 7,468,013.26    |  |
| B13     | Specialty Works               | \$ 47,559.67         | \$ 42,714.81     | \$ 52,274.48      | \$ 42,714.81       |  |
| D.      | OVERHEAD                      | \$ 479,300.81        | \$ 47,559.67     | \$ 52,274.48      | \$ 47,559.67       |  |
| B14     | Overhead                      | \$ 479,300.81        | \$ 479,300.81    | \$ 479,300.81     | \$ 479,300.81      |  |
| E       | GRAND TOTAL I                 | \$ 9,341,663.70      | \$ 8,037,588.55  | \$ 8,037,588.55   | \$ 8,037,588.55    |  |



## SUMMARY

### NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bennatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
 Location : Guido Valadares National Hospital Dil - Timor Leste

### NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)

| ITEM NO | DESCRIPTION        | OWNER ESTIMATION        | VERIFIED BY ADN IP      |
|---------|--------------------|-------------------------|-------------------------|
|         |                    | TOTAL PRICE<br>(USD)    | TOTAL PRICE<br>(USD)    |
| II      |                    |                         |                         |
| B02     | Sub Structure      | \$ 72,836.09            | \$ 54,853.73            |
| B03     | Upper Structure    | \$ 197,202.25           | \$ 171,659.97           |
| B04     | Walls              | \$ 1,224,975.70         | \$ 1,158,369.77         |
| B05     | Doors and Windows  | \$ 29,621.71            | \$ 30,533.99            |
| B07     | Floor Finishes     | \$ 79,628.85            | \$ 72,715.63            |
| B08     | Roof               | \$ 976.03               | \$ 1,099.50             |
| B09     | Finishing Works    | \$ 16,681.34            | \$ 16,681.34            |
| B10     | Mechanical Works   | \$ 2,539,339.26         | \$ 2,187,568.26         |
| B11     | Electrical Works   | \$ 318,895.66           | \$ 65,178.53            |
| B13     | Specialty Works    | \$ 3,390.51             | \$ 3,390.51             |
| A.      | <b>TOTAL II</b>    | <b>\$ 4,483,567.39</b>  | <b>\$ 3,762,053.24</b>  |
|         | <b>GRAND TOTAL</b> | <b>\$ 12,521,155.95</b> | <b>\$ 11,799,641.79</b> |



AGENCIA DE DESARROLLO NACIONAL, I.E.

NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICR/058/MOH-2022

**Project Name** : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
**Project Owner** : Guido Valadares National Hospital  
**Consultant** : PT Bennatin Surya Cipta Joint Venture Rachtio Plan Consultant, LDA  
**Supervision** :  
**Location** : Guido Valadares National Hospital, Dili - Timor Leste

**NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**

| Item No      | Description   | OWNER ESTIMATION |                  |           |                 |       | VERIFIED BY ADN IP |          |               |  |                 |
|--------------|---|------------------|------------------|-----------|-----------------|-------|--------------------|----------|---------------|--|-----------------|
|              |   | Unit             | Unit Price (USD) | Qty       | Cost Amount     | Unit  | Unit Price (USD)   | Qty      | Cost Amount   |  |                 |
| B02          | <b>SUB STRUCTURE</b>  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-02-05.2.3  | Demolition of Concrete on the Top Side of the Pile with Jack Hammer (Electric) Manual and Handling Reinforcement After Demolition of Pile | piece            | \$ 113.01        | 300.00    | \$ 33,902.35    | piece | \$ 53.00           | 300.00   | \$ 15,900.00  |  |                 |
| B-02-05.5    | Foundation Wall   |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-02-05.5.1  | Concrete  | m³               | \$ 253.73        | 78.93     | \$ 20,026.62    | m³    | \$ 253.73          | 78.93    | \$ 20,026.62  |  |                 |
| B-02-05.5.2  | Rebars  | kg               | \$ 1.66          | 8,764.43  | \$ 14,548.96    | kg    | \$ 1.66            | 8764.43  | \$ 14,548.96  |  |                 |
| B-02-05.5.3  | Formworks   | m²               | \$ 11.00         | 398.01    | \$ 4,378.15     | m²    | \$ 11.00           | 398.01   | \$ 4,378.15   |  |                 |
|              |   |                  |                  |           |                 |       |                    |          |               |  |                 |
| B03          | <b>UPPER STRUCTURE</b>  |                  |                  |           |                 |       |                    |          |               |  |                 |
|              |   | <i>Sub Total</i> |                  |           | \$ 72,856.09    |       |                    |          |               |  | \$ 54,853.73    |
| B-03-01      | Column  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-03-01.4    | Mechanical Couplers for Column (For bars D-32)  | Piece            | \$ 3.50          | 1,800.00  | \$ 6,300.00     | Piece | \$ 3.50            | 1800.00  | \$ 6,300.00   |  |                 |
| B-03-01.5    | Mechanical TransCouplers for Column   | Piece            | \$ 3.50          | 836.00    | \$ 2,926.00     | Piece | \$ 3.50            | 836.00   | \$ 2,926.00   |  |                 |
| B-03-01.6    | Mechanical Couplers for Bracing (For bars D-25)   | Piece            | \$ 3.50          | 658.00    | \$ 2,303.00     | Piece | \$ 3.50            | 658.00   | \$ 2,303.00   |  |                 |
| B-03-02      | Beam  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-03-02.4    | Mechanical Couplers for Beam (For bars D-32)  | Piece            | \$ 3.50          | 1,600.00  | \$ 5,600.00     | Piece | \$ 3.50            | 1600.00  | \$ 5,600.00   |  |                 |
| B-03-02.5    | Headcoup Anchorage for Beam (For bars D-32)   | Piece            | \$ 3.50          | 1,300.00  | \$ 4,550.00     | Piece | \$ 3.50            | 1300.00  | \$ 4,550.00   |  |                 |
| B-03-03      | Slab  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-03-03.7    | Top Floor Slab  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-03-03.7.1  | Concrete (28 MPa)   | m²               | \$ 253.73        | 160.81    | \$ 40,802.07    | m²    | \$ 253.73          | 160.81   | \$ 40,802.07  |  |                 |
| B-03-03.7.2  | Rebars  | kg               | \$ 1.66          | 24,481.48 | \$ 40,639.26    | kg    | \$ 1.66            | 24481.48 | \$ 40,639.26  |  |                 |
| B-03-03.7.3  | Formworks   | m²               | \$ 11.00         | 871.10    | \$ 9,582.07     | m²    | \$ 11.00           | 871.10   | \$ 9,582.07   |  |                 |
| B-03-07      | Metal Works   |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-03-07.2    | Installation of Steel Cover for Manhole, Dimension 80cm x 80cm  | Unit             | \$ 41.86         | 5.00      | \$ 209.31       | Unit  | \$ 41.86           | 5.00     | \$ 209.31     |  |                 |
| B-03-07.3    | Purlin CNP 75x45x15x2.3mm   | kg               | \$ 17.52         | 526.42    | \$ 9,225.23     | kg    | \$ 2.24            | 526.42   | \$ 1,179.23   |  |                 |
| B-03-07.4    | Installation of CNP 150x50x20x3.2 mm  | kg               | \$ 17.52         | 1,087.75  | \$ 19,062.32    | kg    | \$ 2.24            | 1087.75  | \$ 2,436.68   |  |                 |
| B-03-07.5    | Base Plates (10 mm thick)   | kg               | \$ 20.56         | 51.03     | \$ 1,049.16     | kg    | \$ 3.50            | 51.03    | \$ 178.54     |  |                 |
| B-03-07.6    | Anchor Bolts 16MM   | kg               | \$ 20.56         | 54.17     | \$ 1,113.73     | kg    | \$ 20.56           | 54.17    | \$ 1,113.73   |  |                 |
| B-03-08      | Oxygen Generator House  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-03-08.1    | Concrete  | m³               | \$ 253.73        | 23.59     | \$ 5,984.94     | m³    | \$ 253.73          | 23.59    | \$ 5,984.94   |  |                 |
| B-03-08.2    | Rebars  | kg               | \$ 1.66          | 4,003.54  | \$ 6,645.87     | kg    | \$ 1.66            | 4003.54  | \$ 6,645.87   |  |                 |
| B-03-08.3    | Formworks   | m²               | \$ 11.00         | 176.61    | \$ 1,942.72     | m²    | \$ 11.00           | 176.61   | \$ 1,942.72   |  |                 |
| B-03-09      | Generator Room  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-03-09.1    | Concrete  | m³               | \$ 253.73        | 34.50     | \$ 8,753.30     | m³    | \$ 253.73          | 34.50    | \$ 8,753.30   |  |                 |
| B-03-09.2    | Rebars  | kg               | \$ 1.66          | 5,166.30  | \$ 8,576.06     | kg    | \$ 1.66            | 5166.30  | \$ 8,576.06   |  |                 |
| B-03-09.3    | Formworks   | m²               | \$ 11.00         | 222.42    | \$ 2,446.62     | m²    | \$ 11.00           | 222.42   | \$ 2,446.62   |  |                 |
| B-03-10      | Box Culvert (Casc In Situ) 80x80x100, 28 Mpa  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-03-10.1    | Concrete  | m³               | \$ 253.73        | 30.94     | \$ 7,851.48     | m³    | \$ 253.73          | 30.94    | \$ 7,851.48   |  |                 |
| B-03-10.2    | Rebars  | kg               | \$ 1.66          | 4,583.88  | \$ 7,609.24     | kg    | \$ 1.66            | 4583.88  | \$ 7,609.24   |  |                 |
| B-03-10.3    | Formworks   | m²               | \$ 11.00         | 366.35    | \$ 4,029.85     | m²    | \$ 11.00           | 366.35   | \$ 4,029.85   |  |                 |
|              |   | <i>Sub Total</i> |                  |           | \$ 197,202.25   |       |                    |          |               |  | \$ 171,659.97   |
| B04          | <b>WALL</b>   |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-04-01      | Concrete (Batako), Hebel Light Brick, And Brick Wall  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-04-01.1.2  | Hebel (Light Brick) Installation (60x20x12.5 cm), Special Mixture   | m²               | \$ 30.58         | 5,520.44  | \$ 168,826.78   | m²    | \$ 19.06           | 5520.44  | \$ 105,219.57 |  |                 |
| B-04-01.1.3  | Plastering for Hebel, Special Mixture - 12.5 mm Thick   | m²               | \$ 7.97          | 11,040.88 | \$ 88,021.98    | m²    | \$ 8.46            | 11040.88 | \$ 93,457.77  |  |                 |
| B-04-01.1.4  | Cement Putty for Hebel Wall   | m²               | \$ 8.05          | 11,040.88 | \$ 88,923.81    | m²    | \$ 7.34            | 11040.88 | \$ 81,012.92  |  |                 |
| B-04-01.2.1  | Lintel Beam and Practice Column   |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-04-01.2.1  | Concrete (14.5) Mpa   | m³               | \$ 136.37        | 63.05     | \$ 8,598.32     | m³    | \$ 128.06          | 63.05    | \$ 8,074.70   |  |                 |
| B-04-01.2.2  | Rebar   | kg               | \$ 1.66          | 27,377.43 | \$ 45,446.54    | kg    | \$ 1.66            | 27377.43 | \$ 45,446.54  |  |                 |
| B-04-01.2.3  | Formwork  | m²               | \$ 11.00         | 1,739.39  | \$ 19,133.30    | m²    | \$ 11.00           | 1739.39  | \$ 19,133.30  |  |                 |
| B-04-03      | Curtain Walls   |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-04-03.1    | Curtain Wall  | m²               | \$ 266.67        | 591.59    | \$ 157,757.33   | m²    | \$ 266.67          | 591.59   | \$ 157,757.33 |  |                 |
| B-04-03.2    | Aluminium Composite Panel Coating PVDF 1.040 mm   | m²               | \$ 141.71        | 4,574.50  | \$ 648,267.64   | m²    | \$ 141.71          | 4574.50  | \$ 648,267.64 |  |                 |
|              |   | <i>Sub Total</i> |                  |           | \$ 1,224,975.70 |       |                    |          |               |  | \$ 1,158,369.77 |
| B05          | <b>DOORS AND WINDOWS</b>  |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-05-01      | Doors and Windows   |                  |                  |           |                 |       |                    |          |               |  |                 |
| B-05-01.1.13 | D14   | set              | \$ 1,981.12      | 1.00      | \$ 1,981.12     | set   | \$ 2,045.23        | 1.00     | \$ 2,045.23   |  |                 |
| B-05-01.1.13 | D15   | set              | \$ 172.16        | 12.00     | \$ 2,065.97     | set   | \$ 178.56          | 12.00    | \$ 2,142.70   |  |                 |
| B-05-01.1.13 | D16   | set              | \$ 942.27        | 1.00      | \$ 942.27       | set   | \$ 1,019.87        | 1.00     | \$ 1,019.87   |  |                 |
|              |   | ...              | \$ 109.89        | 1.00      | \$ 109.89       | ...   | \$ 122.21          | 1.00     | \$ 122.21     |  |                 |



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. E.

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bennatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
 Supervision :  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

**NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**

| Item No        | Description  | OWNER ESTIMATION |                  |          |               | VERIFIED BY ADN IP |                  |          |               |
|----------------|--|------------------|------------------|----------|---------------|--------------------|------------------|----------|---------------|
|                |  | Unit             | Unit Price (USD) | Qty      | Cost Amount   | Unit               | Unit Price (USD) | Qty      | Cost Amount   |
| B-05-01.2.6    | W6   | set              | \$ 208.46        | 10.00    | \$ 2,084.56   | set                | \$ 214.65        | 10.00    | \$ 2,146.52   |
| B-05-01.2.7    | W7   | set              | \$ 325.17        | 30.00    | \$ 9,754.96   | set                | \$ 334.66        | 30.00    | \$ 10,039.69  |
| B-05-01.2.8    | W8   | set              | \$ 69.04         | 37.00    | \$ 2,554.64   | set                | \$ 69.90         | 37.00    | \$ 2,586.21   |
| B-05-01.2.9    | W9   | set              | \$ 119.74        | 10.00    | \$ 1,197.36   | set                | \$ 123.04        | 10.00    | \$ 1,230.35   |
| B07            | <b>FLOOR FINISHES</b>  |                  |                  |          | \$ 29,621.71  |                    |                  |          | \$ 30,535.99  |
| B-07-01        | Floor  |                  |                  |          |               |                    |                  |          |               |
| B-07-01.3.2    | Waterprofing Membrane Instalation  | m <sup>2</sup>   | \$ 48.55         | 1,640.14 | \$ 79,628.85  | m <sup>2</sup>     | \$ 44.34         | 1,640.14 | \$ 72,715.63  |
| B08            | <b>ROOF</b>  |                  |                  |          | \$ 79,628.85  |                    |                  |          | \$ 72,715.63  |
| B-08-06        | Installation of Corrugated Galvalume Roofing, 0.45 mm  | m <sup>2</sup>   | \$ 8.43          | 115.76   | \$ 976.03     | m <sup>2</sup>     | \$ 9.50          | 115.76   | \$ 1,099.50   |
| B09            | <b>FINISHING WORKS</b>   |                  |                  |          | \$ 976.03     |                    |                  |          | \$ 1,099.50   |
| B-09-02        | Metal Works  |                  |                  |          |               |                    |                  |          |               |
| B-10-02        | Signage Building   |                  |                  |          |               |                    |                  |          |               |
| B-10-02.01     | Signage (Neon Box Acrylic), Font Height = 80 cm  | Font             | \$ 264.79        | 30.00    | \$ 7,943.76   | Font               | \$ 264.79        | 30.00    | \$ 7,943.76   |
| B-10-02.02     | Signage (Stainless Steel), Font Height = 80 cm   | Font             | \$ 194.17        | 45.00    | \$ 8,737.58   | Font               | \$ 194.17        | 45.00    | \$ 8,737.58   |
|                | <b>Sub Total</b>   |                  |                  |          | \$ 16,681.34  |                    |                  |          | \$ 16,681.34  |
| B10            | <b>MECHANICALWORKS</b>   |                  |                  |          |               |                    |                  |          |               |
| B-10-01.1.1    | 1000 KVA Diesel engine generator enclosed type complete with muffler, exhaust pipe, pipe insulation and aluminum cladding, pipe brackets and hangers | sct              | \$ 482,000.00    | 1.00     | \$ 482,000.00 | set                | \$ 287,653.33    | 1.00     | \$ 287,653.33 |
| B-10-02.1.1    | Transformer cap. 1250 KVA, 380-220VAC, 3 phase, 50 Hz, complete with steel fence, pad-support and accessories  | set              | \$ 39,859.96     | 1.00     | \$ 39,859.96  | set                | \$ 27,567.41     | 1.00     | \$ 27,567.41  |
| B-10-02.4.1    | Switchgear: V Metal Enclosed Load Interrupter Switch, rated at 24 KV, complete with Nema 3R Enclosure (Cubicle 630 ampere c/v heater-MVSG 24KV)      | set              | \$ 50,676.03     | 1.00     | \$ 50,676.03  | set                | \$ 37,832.47     | 1.00     | \$ 37,832.47  |
| B-10-04.11     | Air Conditioning System  |                  |                  |          |               |                    |                  |          |               |
| B-10-04.11.1   | GROUND FLOOR<br>(The system including supply & Install. Bracket and material support are included)   |                  |                  |          |               |                    |                  |          |               |
| B-10-04.11.1.1 | Indoor & Outdoor Unit  |                  |                  |          |               |                    |                  |          |               |
| 1              | Outdoor VRV A (RXQ38AMY14)   | unit             | \$ 54,488.13     | 2.00     | \$ 108,976.27 | unit               | \$ 48,563.40     | 2.00     | \$ 97,126.80  |
| 2              | Outdoor VRV A (RXQ64Y14)   | unit             | \$ 12,720.38     | 1.00     | \$ 12,720.38  | unit               | \$ 11,337.23     | 1.00     | \$ 11,337.23  |
| 3              | Wall mounted   | unit             | \$ 2,783.38      | 16.00    | \$ 44,534.12  | unit               | \$ 2,480.73      | 16.00    | \$ 39,691.73  |
| 4              | Wall mounted   | unit             | \$ 2,858.37      | 2.00     | \$ 5,716.74   | unit               | \$ 2,547.57      | 2.00     | \$ 5,095.13   |
| 5              | Duct   | unit             | \$ 4,628.06      | 3.00     | \$ 13,884.19  | unit               | \$ 4,124.83      | 3.00     | \$ 12,374.50  |
| 6              | High static duct - Dama  | unit             | \$ 7,927.49      | 3.00     | \$ 23,782.47  | unit               | \$ 7,065.50      | 3.00     | \$ 21,196.50  |
| 7              | Duct   | unit             | \$ 4,943.01      | 1.00     | \$ 4,943.01   | unit               | \$ 4,405.53      | 1.00     | \$ 4,405.53   |
| 8              | Duct   | unit             | \$ 4,298.12      | 6.00     | \$ 25,788.72  | unit               | \$ 1,830.77      | 6.00     | \$ 22,984.60  |
| 9              | Duct   | unit             | \$ 4,403.10      | 1.00     | \$ 4,403.10   | unit               | \$ 3,924.33      | 1.00     | \$ 3,924.33   |
| 10             | Refnet joint   | pcs              | \$ 120.00        | 29.00    | \$ 3,480.00   | pcs                | \$ 120.00        | 29.00    | \$ 3,480.00   |
| 11             | Pipe reducer   | pcs              | \$ 66.67         | 3.00     | \$ 200.00     | pcs                | \$ 66.67         | 3.00     | \$ 200.00     |
| 12             | Common navigation controller   | unit             | \$ 75.33         | 32.00    | \$ 2,410.67   | unit               | \$ 75.33         | 32.00    | \$ 2,410.67   |
| A              | (Supply air ducting installation. Includes supply material, labor cost and material support)   |                  |                  |          |               |                    |                  |          |               |
| 1              | Ducting installation (400 x 300)mm Capacity R1. 1180 - IU-GF-18  | mtr2             | \$ 55.18         | 4.20     | \$ 231.74     | mtr2               | \$ 55.18         | 4.20     | \$ 231.74     |
| 2              | Ducting installation (200 x 200)mm Capacity R1. 1180 - IU-GF-18  | mtr2             | \$ 55.18         | 2.40     | \$ 132.42     | mtr2               | \$ 55.18         | 2.40     | \$ 132.42     |
| 3              | Ducting installation (200 x 200)mm Capacity R1. 1050 - IU-GF-15  | mtr2             | \$ 55.18         | 4.80     | \$ 264.85     | mtr2               | \$ 55.18         | 4.80     | \$ 264.85     |
| 4              | Ducting installation (600 x 400)mm Capacity R3. 2310 - IU-GF-19  | mtr2             | \$ 55.18         | 11.00    | \$ 606.94     | mtr2               | \$ 55.18         | 11.00    | \$ 606.94     |
| 5              | Ducting installation (800 x 350)mm Capacity R3. 3900 - IU-GF-11  | mtr2             | \$ 55.18         | 2.76     | \$ 152.29     | mtr2               | \$ 55.18         | 2.76     | \$ 152.29     |
| 6              | Ducting installation (600 x 350)mm Capacity R3. 3900 - IU-GF-11  | mtr2             | \$ 55.18         | 5.70     | \$ 314.50     | mtr2               | \$ 55.18         | 5.70     | \$ 314.50     |
| 7              | Ducting installation (500 x 350)mm Capacity R3. 3900 - IU-GF-11  | mtr2             | \$ 55.18         | 5.10     | \$ 281.40     | mtr2               | \$ 55.18         | 5.10     | \$ 281.40     |
| 8              | Ducting installation (350 x 350)mm Capacity R3. 3900 - IU-GF-11  | mtr2             | \$ 55.18         | 4.20     | \$ 231.74     | mtr2               | \$ 55.18         | 4.20     | \$ 231.74     |
| 9              | Ducting installation (800 x 350)mm Capacity R3. 3900 - IU-GF-31  | mtr2             | \$ 55.18         | 2.76     | \$ 152.29     | mtr2               | \$ 55.18         | 2.76     | \$ 152.29     |
| 10             | Ducting installation (600 x 350)mm Capacity R3. 3900 - IU-GF-31  | mtr2             | \$ 55.18         | 5.70     | \$ 314.50     | mtr2               | \$ 55.18         | 5.70     | \$ 314.50     |
| 11             | Ducting installation (500 x 350)mm Capacity R3. 3900 - IU-GF-31  | mtr2             | \$ 55.18         | 5.10     | \$ 281.40     | mtr2               | \$ 55.18         | 5.10     | \$ 281.40     |
| 12             | Ducting installation (350 x 350)mm Capacity R3. 3900 - IU-GF-31  | mtr2             | \$ 55.18         | 4.20     | \$ 231.74     | mtr2               | \$ 55.18         | 4.20     | \$ 231.74     |
| 13             | Ducting installation (800 x 350)mm Capacity R3. 3900 - IU-GF-32  | mtr2             | \$ 55.18         | 2.76     | \$ 152.29     | mtr2               | \$ 55.18         | 2.76     | \$ 152.29     |
| 14             | Ducting installation (600 x 350)mm Capacity R3. 3900 - IU-GF-32  | mtr2             | \$ 55.18         | 13.30    | \$ 733.84     | mtr2               | \$ 55.18         | 13.30    | \$ 733.84     |
| 15             | Ducting installation (350 x 350)mm Capacity R3. 3900 - IU-GF-32  | mtr2             | \$ 55.18         | 20.00    | \$ 1,103.52   | mtr2               | \$ 55.18         | 20.00    | \$ 1,103.52   |
| 16             | Ducting installation (400 x 200)mm Capacity R1. 1050 - IU-GF-14  | mtr2             | \$ 55.18         | 4.20     | \$ 231.74     | mtr2               | \$ 55.18         | 4.20     | \$ 231.74     |
| 17             | Ducting installation (200 x 200)mm Capacity R1. 1050 - IU-GF-14  | mtr2             | \$ 55.18         | 6.40     | \$ 353.13     | mtr2               | \$ 55.18         | 6.40     | \$ 353.13     |
| 18             | Ducting installation (400 x 200)mm Capacity R1. 1050 - IU-GF-26  | mtr2             | \$ 55.18         | 4.20     | \$ 231.74     | mtr2               | \$ 55.18         | 4.20     | \$ 231.74     |
| 19             | Ducting installation (200 x 200)mm Capacity R1. 1050 - IU-GF-26  | mtr2             | \$ 55.18         | 6.40     | \$ 353.13     | mtr2               | \$ 55.18         | 6.40     | \$ 353.13     |
| 20             | Ducting installation (400 x 200)mm Capacity R1. 1050 - IU-GF-13  | mtr2             | \$ 55.18         | 2.40     | \$ 132.42     | mtr2               | \$ 55.18         | 2.40     | \$ 132.42     |
| 21             | Ducting installation (200 x 200)mm Capacity R1. 1050 - IU-GF-13  | mtr2             | \$ 55.18         | 4.00     | \$ 220.70     | mtr2               | \$ 55.18         | 4.00     | \$ 220.70     |
| 22             | Ducting installation (400 x 200)mm Capacity R1. 1050 - IU-GF-08  | mtr2             | \$ 55.18         | 1.60     | \$ 88.28      | mtr2               | \$ 55.18         | 1.60     | \$ 88.28      |
| 23             | Ducting installation (200 x 200)mm Capacity R1. 1050 - IU-GF-08  | mtr2             | \$ 55.18         | 5.20     | \$ 286.92     | mtr2               | \$ 55.18         | 5.20     | \$ 286.92     |
| 24             | Ducting installation (400 x 200)mm Capacity R1. 1050 - IU-GF-07  | mtr2             | \$ 55.18         | 1.60     | \$ 88.28      | mtr2               | \$ 55.18         | 1.60     | \$ 88.28      |
| 25             | Ducting installation (200 x 200)mm Capacity R1. 1050 - IU-GF-07  | mtr2             | \$ 55.18         | 7.00     | \$ 386.23     | mtr2               | \$ 55.18         | 7.00     | \$ 386.23     |
| 26             | Ducting installation (400 x 200)mm Capacity R3. 2000 - IU-GF-28  | mtr2             | \$ 55.18         | 6.00     | \$ 331.06     | mtr2               | \$ 55.18         | 6.00     | \$ 331.06     |
| 27             | Ducting installation (200 x 200)mm Capacity R3. 2000 - IU-GF-28  | mtr2             | \$ 55.18         | 4.00     | \$ 220.70     | mtr2               | \$ 55.18         | 4.00     | \$ 220.70     |



ASOCIACIÓN DE DESARROLLO NACIONAL | 18

NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
Project Owner : Guido Valadares National Hospital  
Consultant : PT Bennatin Surya Cipta Joint Venture Rachtio Plan Consultant, LDA  
Senervison Location : Guido Valadares National Hospital, Dili - Timor Leste

**NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**



AGÊNCIA DE DESENVOLVIMENTO NACIONAL - I.P.

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bennatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
 Supervision :  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

**NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**

| Item No  | Description   | OWNER ESTIMATION |                  |       |              | VERIFIED BY ADN IP |                  |       |              |
|--|---|------------------|------------------|-------|--------------|--------------------|------------------|-------|--------------|
|  |   | Unit             | Unit Price (USD) | Qty   | Cost Amount  | Unit               | Unit Price (USD) | Qty   | Cost Amount  |
| <b>Ventilation fan installation. Includes supply material, labor cost and material support</b> |   |                  |                  |       |              |                    |                  |       |              |
| 1  | Ex Fan Ceiling Mounted, 100 CMH   | Unit             | \$ 89.24         | 6.00  | \$ 535.43    | Unit               | \$ 79.54         | 6.00  | \$ 477.21    |
| 2  | Ex Fan Ceiling Mounted, 200 CMH   | Unit             | \$ 122.64        | 6.00  | \$ 735.82    | Unit               | \$ 109.30        | 6.00  | \$ 655.82    |
| 3  | Ex Fan Wall Mounted, 200 CMH  | Unit             | \$ 117.07        | 1.00  | \$ 117.07    | Unit               | \$ 104.34        | 1.00  | \$ 104.34    |
| 4  | Ex Fan Wall Mounted, 900 CMH  | Unit             | \$ 178.30        | 1.00  | \$ 178.30    | Unit               | \$ 158.92        | 1.00  | \$ 158.92    |
| 5  | Ex Fan Wall Mounted, 3000 CMH   | Unit             | \$ 490.03        | 2.00  | \$ 980.06    | Unit               | \$ 436.75        | 2.00  | \$ 873.49    |
| 6  | Ex Fan In-line, 500 CMH   | Unit             | \$ 1,135.74      | 1.00  | \$ 1,135.74  | Unit               | \$ 1,012.25      | 1.00  | \$ 1,012.25  |
| 7  | Ex Fan In-line, 1500 CMH  | Unit             | \$ 1,430.77      | 1.00  | \$ 1,430.77  | Unit               | \$ 1,275.20      | 1.00  | \$ 1,275.20  |
| 8  | Ex Fan Axial, 3000 CMH  | Unit             | \$ 1,692.40      | 2.00  | \$ 3,384.79  | Unit               | \$ 1,508.38      | 2.00  | \$ 3,016.75  |
| B-10-04.11.1.8   | <b>Ventilation Ducts</b><br>Ventilation ducts installation. Includes supply material, labor cost and material support |                  |                  |       |              |                    |                  |       |              |
| 1  | Ducting installation (600 x 200mm Capacity R1. 1180 - IU-GF-19  | mtr2             | \$ 54.45         | 64.00 | \$ 3,484.80  | mtr2               | \$ 54.45         | 64.00 | \$ 3,484.80  |
| 2  | Ducting installation (600 x 250mm Capacity SF-GF-01 - SF-GF-02  | mtr2             | \$ 54.45         | 16.00 | \$ 871.20    | mtr2               | \$ 54.45         | 16.00 | \$ 871.20    |
| 3  | Ducting installation (400 x 200mm Capacity SF-GF-01   | mtr2             | \$ 54.45         | 24.00 | \$ 1,306.80  | mtr2               | \$ 54.45         | 24.00 | \$ 1,306.80  |
| 4  | Ducting installation (300 x 200mm Capacity SF-GF-01   | mtr2             | \$ 54.45         | 8.50  | \$ 462.83    | mtr2               | \$ 54.45         | 8.50  | \$ 462.83    |
| 5  | Ducting installation (250 x 200mm Capacity SF-GF-01   | mtr2             | \$ 54.45         | 4.50  | \$ 245.03    | mtr2               | \$ 54.45         | 4.50  | \$ 245.03    |
| 6  | Ducting installation (200 x 200mm Capacity SF-GF-01 - SF-GF-02  | mtr2             | \$ 54.45         | 16.00 | \$ 871.20    | mtr2               | \$ 54.45         | 16.00 | \$ 871.20    |
| 7  | Ducting installation (150 x 100mm Capacity SF-GF-01 - SF-GF-02  | mtr2             | \$ 54.45         | 10.00 | \$ 544.50    | mtr2               | \$ 54.45         | 10.00 | \$ 544.50    |
| 8  | Exhaust Pipe Ø100mm Capacity EX-GF-xx   | mtr              | \$ 39.45         | 10.00 | \$ 394.54    | mtr                | \$ 39.45         | 10.00 | \$ 394.54    |
| B-10-04.11.2   | <b>SECOND FLOOR</b> (The system including supply & Install. Bracket and material support are included)                |                  |                  |       |              |                    |                  |       |              |
| B-10-04.11.2.1   | <b>Indoor &amp; Outdoor Unit</b>  |                  |                  |       |              |                    |                  |       |              |
| 1  | Outdoor VRV A (RXQ20AMY14) Capacity 191.000   | unit             | \$ 31,692.09     | 1.00  | \$ 31,692.09 | unit               | \$ 28,246.07     | 1.00  | \$ 28,246.07 |
| 2  | Outdoor VRV A (RXQ46AY14) Capacity 444.000  | unit             | \$ 68,082.59     | 1.00  | \$ 68,082.59 | unit               | \$ 60,679.67     | 1.00  | \$ 60,679.67 |
| 3  | Outdoor VRV A (RXQ22AY14) Capacity 210.000  | unit             | \$ 33,656.75     | 1.00  | \$ 33,656.75 | unit               | \$ 29,997.10     | 1.00  | \$ 29,997.10 |
| 4  | Wall mounted Capacity 7.500   | unit             | \$ 2,783.38      | 5.00  | \$ 13,916.91 | unit               | \$ 2,480.73      | 5.00  | \$ 12,403.67 |
| 5  | Wall mounted Capacity 24.200  | unit             | \$ 3,548.25      | 1.00  | \$ 3,548.25  | unit               | \$ 3,162.43      | 1.00  | \$ 3,162.43  |
| 6  | Duct Capacity 38.200  | unit             | \$ 4,448.09      | 1.00  | \$ 4,448.09  | unit               | \$ 3,964.43      | 1.00  | \$ 3,964.43  |
| 7  | Duct Capacity 47.800  | unit             | \$ 4,628.06      | 4.00  | \$ 18,512.25 | unit               | \$ 4,124.83      | 4.00  | \$ 16,499.33 |
| 8  | High static duct - Dama Capacity 95.500   | unit             | \$ 7,927.49      | 3.00  | \$ 23,782.47 | unit               | \$ 7,065.50      | 3.00  | \$ 21,196.50 |
| 9  | Duct Capacity 30.700  | unit             | \$ 4,403.10      | 5.00  | \$ 22,015.51 | unit               | \$ 3,924.33      | 5.00  | \$ 19,621.67 |
| 10   | Refnet joint  | pcs              | \$ 120.00        | 16.00 | \$ 1,920.00  | pcs                | \$ 120.00        | 16.00 | \$ 1,920.00  |
| 11   | Pine reducer  | pcs              | \$ 66.67         | 4.00  | \$ 266.67    | pcs                | \$ 66.67         | 4.00  | \$ 266.67    |
| 12   | Common navigation controller  | unit             | \$ 75.33         | 19.00 | \$ 1,431.33  | unit               | \$ 75.33         | 19.00 | \$ 1,431.33  |
| B-10-04.11.2.2   | <b>Air Conditioning Ducts</b>   |                  |                  |       |              |                    |                  |       |              |
| A  | Supply air ducting installation. Includes supply material, labor cost and material support                            |                  |                  |       |              |                    |                  |       |              |
| 1  | Ducting installation (600 x 300mm R3. 1180 - IU-2F-13   | mtr2             | \$ 55.18         | 4.00  | \$ 220.70    | mtr2               | \$ 55.18         | 4.00  | \$ 220.70    |
| 2  | Ducting installation (400 x 300mm R3. 1180 - IU-2F-13   | mtr2             | \$ 55.18         | 6.00  | \$ 331.06    | mtr2               | \$ 55.18         | 6.00  | \$ 331.06    |
| 3  | Ducting installation (200 x 200mm R3. 1180 - IU-2F-13   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 4  | Ducting installation (600 x 300mm R3. 1180 - IU-2F-14   | mtr2             | \$ 55.18         | 4.00  | \$ 220.70    | mtr2               | \$ 55.18         | 4.00  | \$ 220.70    |
| 5  | Ducting installation (400 x 300mm R3. 1180 - IU-2F-14   | mtr2             | \$ 55.18         | 6.00  | \$ 331.06    | mtr2               | \$ 55.18         | 6.00  | \$ 331.06    |
| 6  | Ducting installation (200 x 200mm R3. 1180 - IU-2F-14   | mtr2             | \$ 55.18         | 5.00  | \$ 275.88    | mtr2               | \$ 55.18         | 5.00  | \$ 275.88    |
| 7  | Ducting installation (600 x 300mm R3. 1180 - IU-2F-15   | mtr2             | \$ 55.18         | 4.00  | \$ 220.70    | mtr2               | \$ 55.18         | 4.00  | \$ 220.70    |
| 8  | Ducting installation (400 x 300mm R3. 1180 - IU-2F-15   | mtr2             | \$ 55.18         | 6.00  | \$ 331.06    | mtr2               | \$ 55.18         | 6.00  | \$ 331.06    |
| 9  | Ducting installation (200 x 200mm R3. 1180 - IU-2F-15   | mtr2             | \$ 55.18         | 4.00  | \$ 220.70    | mtr2               | \$ 55.18         | 4.00  | \$ 220.70    |
| 10   | Ducting installation (600 x 300mm R3. 1280 - IU-2F-10   | mtr2             | \$ 55.18         | 4.00  | \$ 220.70    | mtr2               | \$ 55.18         | 4.00  | \$ 220.70    |
| 11   | Ducting installation (400 x 300mm R3. 1280 - IU-2F-10   | mtr2             | \$ 55.18         | 6.00  | \$ 331.06    | mtr2               | \$ 55.18         | 6.00  | \$ 331.06    |
| 12   | Ducting installation (200 x 200mm R3. 1280 - IU-2F-10   | mtr2             | \$ 55.18         | 4.00  | \$ 220.70    | mtr2               | \$ 55.18         | 4.00  | \$ 220.70    |
| 13   | Ducting installation (400 x 200mm R3. 1080 - IU-2F-01   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 14   | Ducting installation (200 x 200mm R3. 1080 - IU-2F-01   | mtr2             | \$ 55.18         | 3.00  | \$ 165.53    | mtr2               | \$ 55.18         | 3.00  | \$ 165.53    |
| 15   | Ducting installation (400 x 200mm R3. 1080 - IU-2F-02   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 16   | Ducting installation (200 x 200mm R3. 1080 - IU-2F-02   | mtr2             | \$ 55.18         | 3.00  | \$ 165.53    | mtr2               | \$ 55.18         | 3.00  | \$ 165.53    |
| 17   | Ducting installation (400 x 200mm R3. 1635 - IU-2F-13   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 18   | Ducting installation (200 x 200mm R3. 1635 - IU-2F-13   | mtr2             | \$ 55.18         | 5.00  | \$ 275.88    | mtr2               | \$ 55.18         | 5.00  | \$ 275.88    |
| 19   | Ducting installation (600 x 300mm R3. 3110 - IU-2F-04   | mtr2             | \$ 55.18         | 15.00 | \$ 827.64    | mtr2               | \$ 55.18         | 15.00 | \$ 827.64    |
| 20   | Ducting installation (400 x 300mm R3. 3110 - IU-2F-04   | mtr2             | \$ 55.18         | 7.00  | \$ 386.23    | mtr2               | \$ 55.18         | 7.00  | \$ 386.23    |
| 21   | Ducting installation (300 x 300mm R3. 3110 - IU-2F-04   | mtr2             | \$ 55.18         | 6.00  | \$ 331.06    | mtr2               | \$ 55.18         | 6.00  | \$ 331.06    |
| 22   | Ducting installation (600 x 300mm R3. 3110 - IU-2F-04   | mtr2             | \$ 55.18         | 15.00 | \$ 827.64    | mtr2               | \$ 55.18         | 15.00 | \$ 827.64    |
| 23   | Ducting installation (400 x 300mm R3. 3110 - IU-2F-05   | mtr2             | \$ 55.18         | 7.00  | \$ 386.23    | mtr2               | \$ 55.18         | 7.00  | \$ 386.23    |
| 24   | Ducting installation (300 x 300mm R3. 3110 - IU-2F-05   | mtr2             | \$ 55.18         | 6.00  | \$ 331.06    | mtr2               | \$ 55.18         | 6.00  | \$ 331.06    |
| 25   | Ducting installation (600 x 300mm R3. 3110 - IU-2F-06   | mtr2             | \$ 55.18         | 5.00  | \$ 275.88    | mtr2               | \$ 55.18         | 5.00  | \$ 275.88    |
| 26   | Ducting installation (400 x 400mm R3. 3110 - IU-2F-06   | mtr2             | \$ 55.18         | 15.00 | \$ 827.64    | mtr2               | \$ 55.18         | 15.00 | \$ 827.64    |
| 27   | Ducting installation (400 x 200mm R3. 2000 - IU-2F-07   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 28   | Ducting installation (200 x 200mm R3. 2000 - IU-2F-07   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 29   | Ducting installation (400 x 200mm R3. 2000 - IU-2F-08   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 30   | Ducting installation (200 x 200mm R3. 2000 - IU-2F-08   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 31   | Ducting installation (400 x 200mm R3. 2000 - IU-2F-09   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| 32   | Ducting installation (200 x 200mm R3. 2000 - IU-2F-09   | mtr2             | \$ 55.18         | 8.00  | \$ 441.41    | mtr2               | \$ 55.18         | 8.00  | \$ 441.41    |
| B  | Return air ducting installation. Includes supply material, labor cost and material support                            |                  |                  |       |              |                    |                  |       |              |
| 1  | Ducting installation (1000 x 300mm Capacity R3. 1180 - IU-2F-13   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 2  | Ducting installation (1000 x 300mm Capacity R3. 1180 - IU-2F-14   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 3  | Ducting installation (1000 x 300mm Capacity R3. 1180 - IU-2F-15   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 4  | Ducting installation (1000 x 300mm Capacity R3. 1280 - IU-2F-10   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 5  | Ducting installation (1000 x 300mm Capacity R3. 1080 - IU-2F-01   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 6  | Ducting installation (1000 x 300mm Capacity R3. 1080 - IU-2F-02   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 7  | Ducting installation (1000 x 300mm Capacity R3. 1635 - IU-2F-13   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 8  | Ducting installation (1000 x 300mm Capacity R3. 3110 - IU-2F-04   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 9  | Ducting installation (1000 x 300mm Capacity R3. 3110 - IU-2F-05   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 10   | Ducting installation (1000 x 300mm Capacity R3. 3110 - IU-2F-06   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 11   | Ducting installation (1000 x 300mm Capacity R3. 3110 - IU-2F-07   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |
| 12   | Ducting installation (1000 x 300mm Capacity R3. 3110 - IU-2F-08   | mtr2             | \$ 54.45         | 5.00  | \$ 272.25    | mtr2               | \$ 54.45         | 5.00  | \$ 272.25    |



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

## NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bennatin Surya Cipta Joint Venture Rachtio Plan Consultant, LDA  
 Supervision :  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

### NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)

| Item No        | Description  | OWNER ESTIMATION |                  |        |              | VERIFIED BY ADN IP |                  |        |              |
|----------------|--|------------------|------------------|--------|--------------|--------------------|------------------|--------|--------------|
|                |  | Unit             | Unit Price (USD) | Qty    | Cost Amount  | Unit               | Unit Price (USD) | Qty    | Cost Amount  |
| B-10-04.11.2.4 | 1 Air Filter MERV 14   | Unit             | \$ 162.00        | 13.00  | \$ 2,106.00  | Unit               | \$ 162.00        | 13.00  | \$ 2,106.00  |
|                | Air Device   |                  |                  |        |              |                    |                  |        |              |
|                | Air filter installation. Includes supply material, labor cost and material support                                       |                  |                  |        |              |                    |                  |        |              |
|                | 1 Supply Air Diffuser w/Plenum box & OBD, 200mm x 200mm  | Set              | \$ 129.42        | 36.00  | \$ 4,659.21  | Set                | \$ 129.42        | 36.00  | \$ 4,659.21  |
|                | 2 Supply Air Diffuser w/Plenum box & OBD, 400mm x 400mm  | Set              | \$ 198.16        | 8.00   | \$ 1,585.31  | Set                | \$ 198.16        | 8.00   | \$ 1,585.31  |
|                | 3 Return Air Grille, 800mm x 400mm   | Set              | \$ 211.80        | 13.00  | \$ 2,753.36  | Set                | \$ 211.80        | 13.00  | \$ 2,753.36  |
|                | 4 Weatherproof Louvre w/Bird Screen, 900mm x 300mm   | Set              | \$ 253.37        | 2.00   | \$ 506.74    | Set                | \$ 253.37        | 2.00   | \$ 506.74    |
|                | 5 Ventcap Ø100mm   | Set              | \$ 52.50         | 10.00  | \$ 525.01    | Set                | \$ 52.50         | 10.00  | \$ 525.01    |
| B-10-04.11.2.5 | Refrigerant & Condensate Drain Pipes   |                  |                  |        |              |                    |                  |        |              |
|                | Refrigerant & Condensate Drain Pipes installation, includes insulation, supply material, labor cost and material support |                  |                  |        |              |                    |                  |        |              |
|                | 1 Refrigerant Pipes OU-2F-01   | m                | \$ 68.45         | 60.00  | \$ 4,107.14  | m                  | \$ 61.01         | 60.00  | \$ 3,660.55  |
|                | 2 Refrigerant Pipes IU-2F-01   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 3 Refrigerant Pipes IU-2F-02   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 4 Refrigerant Pipes IU-2F-03   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 5 Refrigerant Pipes IU-2F-04   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 6 Refrigerant Pipes IU-2F-05   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 7 Refrigerant Pipes IU-2F-06   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 8 Refrigerant Pipes IU-2F-07   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 9 Refrigerant Pipes IU-2F-08   | m                | \$ 41.22         | 10.00  | \$ 412.21    | m                  | \$ 36.74         | 10.00  | \$ 367.39    |
|                | 10 Refrigerant Pipes IU-2F-09  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 11 Refrigerant Pipes IU-2F-10  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 12 Refrigerant Pipes IU-2F-11  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 13 Refrigerant Pipes OU-2F-02  | m                | \$ 41.22         | 45.00  | \$ 1,854.96  | m                  | \$ 36.74         | 45.00  | \$ 1,653.26  |
|                | 14 Refrigerant Pipes IU-2F-12  | m                | \$ 68.45         | 5.00   | \$ 342.26    | m                  | \$ 61.01         | 5.00   | \$ 305.05    |
|                | 15 Refrigerant Pipe IU-2F-13   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 16 Refrigerant Pipes IU-2F-14  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 17 Refrigerant Pipes IU-2F-15  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 18 Refrigerant Pipes IU-2F-16  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 19 Refrigerant Pipes IU-2F-17  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 20 Refrigerant Pipes IU-2F-18  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 21 Refrigerant Pipes IU-2F-19  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
|                | 22 Condensate Drain Indoor Unit  | m                | \$ 21.61         | 95.00  | \$ 2,053.00  | m                  | \$ 21.61         | 95.00  | \$ 2,053.00  |
| B-10-04.11.2.6 | ITM Cabling  |                  |                  |        |              |                    |                  |        |              |
|                | Communication Cabling installation, includes HIC, supply material, labor cost and material support                       |                  |                  |        |              |                    |                  |        |              |
|                | 1 Category 6 (EIA/TIA), 23 AWG UTP copper cable  | m                | \$ 7.76          | 205.00 | \$ 1,590.80  | m                  | \$ 7.76          | 205.00 | \$ 1,590.80  |
| B-10-04.11.2.7 | Ventilations Fan   |                  |                  |        |              |                    |                  |        |              |
|                | Ventilation fan installation. Includes supply material, labor cost and material support                                  |                  |                  |        |              |                    |                  |        |              |
|                | 1 Ex Fan Ceiling Mounted, 100 CMH  | Unit             | \$ 89.24         | 12.00  | \$ 1,070.86  | Unit               | \$ 79.54         | 12.00  | \$ 954.42    |
|                | 2 Ex Fan Ceiling Mounted, 200 CMH  | Unit             | \$ 122.64        | 1.00   | \$ 122.64    | Unit               | \$ 109.30        | 1.00   | \$ 109.30    |
|                | 3 Ex Fan Axial, 3000 CMH   | Unit             | \$ 1,692.40      | 2.00   | \$ 3,384.79  | Unit               | \$ 1,508.38      | 2.00   | \$ 3,016.75  |
| B-10-04.11.2.8 | Ventilation Ducts  |                  |                  |        |              |                    |                  |        |              |
|                | Ventilation ducts installation. Includes supply material, labor cost and material support                                |                  |                  |        |              |                    |                  |        |              |
|                | 1 Ducting installation (600 x 200)mm   | mtr2             | \$ 54.45         | 17.00  | \$ 925.65    | mtr2               | \$ 54.45         | 17.00  | \$ 925.65    |
|                | 2 Ducting installation (400 x 200)mm   | mtr2             | \$ 54.45         | 35.00  | \$ 1,905.75  | mtr2               | \$ 54.45         | 35.00  | \$ 1,905.75  |
|                | 3 Ducting installation (300 x 200)mm   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
|                | 4 Ducting installation (200 x 200)mm   | mtr2             | \$ 54.45         | 48.00  | \$ 2,613.60  | mtr2               | \$ 54.45         | 48.00  | \$ 2,613.60  |
|                | 5 Ducting installation (150 x 100)mm   | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
|                | 6 Exhaust Pipe Ø100mm  | mtr              | \$ 39.45         | 63.00  | \$ 2,485.61  | mtr                | \$ 39.45         | 63.00  | \$ 2,485.61  |
| B-10-04.11.3   | THIRD FLOOR  |                  |                  |        |              |                    |                  |        |              |
|                | (The system including supply & Install. Bracket and material support are included)                                       |                  |                  |        |              |                    |                  |        |              |
| B-10-04.11.3.1 | Indoor & Outdoor Unit  |                  |                  |        |              |                    |                  |        |              |
|                | 1 Outdoor VRV A (RXQ30AMY14) Capacity 285,000  | unit             | \$ 43,071.90     | 1.00   | \$ 43,071.90 | unit               | \$ 38,388.50     | 1.00   | \$ 38,388.50 |
|                | 2 Outdoor VRV A (RXQ36AY14) Capacity 341,000   | unit             | \$ 50,650.45     | 1.00   | \$ 50,650.45 | unit               | \$ 45,143.00     | 1.00   | \$ 45,143.00 |
|                | 3 Wall mounted Capacity 7,500  | unit             | \$ 2,783.38      | 3.00   | \$ 8,350.15  | unit               | \$ 2,480.73      | 3.00   | \$ 7,442.20  |
|                | 4 Wall mounted Capacity 19,100   | unit             | \$ 3,428.27      | 1.00   | \$ 3,428.27  | unit               | \$ 3,055.50      | 1.00   | \$ 3,055.50  |
|                | 5 Duct Capacity 38,200   | unit             | \$ 4,448.09      | 1.00   | \$ 4,448.09  | unit               | \$ 3,964.43      | 1.00   | \$ 3,964.43  |
|                | 6 Duct Capacity 47,800   | unit             | \$ 4,628.06      | 3.00   | \$ 13,884.19 | unit               | \$ 4,124.83      | 3.00   | \$ 12,374.50 |
|                | 7 Duct Capacity 19,100   | unit             | \$ 4,148.15      | 1.00   | \$ 4,148.15  | unit               | \$ 3,697.10      | 1.00   | \$ 3,697.10  |
|                | 8 Duct Capacity 24,200   | unit             | \$ 4,298.12      | 6.00   | \$ 25,788.72 | unit               | \$ 3,830.77      | 6.00   | \$ 22,984.60 |
|                | 9 Duct Capacity 30,700   | unit             | \$ 4,403.10      | 5.00   | \$ 22,015.51 | unit               | \$ 3,924.33      | 5.00   | \$ 19,621.67 |
|                | 10 Refnet joint  | pes              | \$ 120.00        | 18.00  | \$ 2,160.00  | pes                | \$ 120.00        | 18.00  | \$ 2,160.00  |
|                | 11 Pipe reducer  | pes              | \$ 66.67         | 4.00   | \$ 266.67    | pes                | \$ 66.67         | 4.00   | \$ 266.67    |
|                | 12 Common navigation controller  | unit             | \$ 75.33         | 20.00  | \$ 1,506.67  | unit               | \$ 75.33         | 20.00  | \$ 1,506.67  |
| B-10-04.11.3.2 | Air Conditioning Ducts   |                  |                  |        |              |                    |                  |        |              |
|                | Supply air ducting installation. Includes supply material, labor cost and material support                               |                  |                  |        |              |                    |                  |        |              |
|                | 1 Ducting installation (600 x 300)mm Capacity R3. 1190 - IU-3F-15  | mtr2             | \$ 55.18         | 4.00   | \$ 220.70    | mtr2               | \$ 55.18         | 4.00   | \$ 220.70    |
|                | 2 Ducting installation (400 x 300)mm Capacity R3. 1190 - IU-3F-15  | mtr2             | \$ 55.18         | 8.00   | \$ 441.41    | mtr2               | \$ 55.18         | 8.00   | \$ 441.41    |
|                | 3 Ducting installation (200 x 200)mm Capacity R3. 1190 - IU-3F-15  | mtr2             | \$ 55.18         | 8.00   | \$ 441.41    | mtr2               | \$ 55.18         | 8.00   | \$ 441.41    |
|                | 4 Ducting installation (600 x 300)mm Capacity R3. 1190 - IU-3F-16  | mtr2             | \$ 55.18         | 4.00   | \$ 220.70    | mtr2               | \$ 55.18         | 4.00   | \$ 220.70    |
|                | 5 Ducting installation (400 x 300)mm Capacity R3. 1190 - IU-3F-16  | mtr2             | \$ 55.18         | 6.00   | \$ 331.06    | mtr2               | \$ 55.18         | 6.00   | \$ 331.06    |
|                | 6 Ducting installation (200 x 200)mm Capacity R3. 1190 - IU-3F-16  | mtr2             | \$ 55.18         | 10.00  | \$ 551.76    | mtr2               | \$ 55.18         | 10.00  | \$ 551.76    |
|                | 7 Ducting installation (600 x 300)mm Capacity R3. 1190 - IU-3F-17  | mtr2             | \$ 55.18         | 4.00   | \$ 220.70    | mtr2               | \$ 55.18         | 4.00   | \$ 220.70    |
|                | 8 Ducting installation (400 x 300)mm Capacity R3. 1190 - IU-3F-17  | mtr2             | \$ 55.18         | 6.00   | \$ 331.06    | mtr2               | \$ 55.18         | 6.00   | \$ 331.06    |
|                | 9 Ducting installation (200 x 200)mm Capacity R3. 1190 - IU-3F-17  | mtr2             | \$ 55.18         | 12.00  | \$ 662.11    | mtr2               | \$ 55.18         | 12.00  | \$ 662.11    |



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bennatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
 Supervision :  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

**NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**

| Item No  | Description  | OWNER ESTIMATION |                  |        |             | VERIFIED BY ADN IP |                  |        |             |
|--|--|------------------|------------------|--------|-------------|--------------------|------------------|--------|-------------|
|  |  | Unit             | Unit Price (USD) | Qty    | Cost Amount | Unit               | Unit Price (USD) | Qty    | Cost Amount |
| 15   | Ducting installation (200 x 200)mm Capacity R3, 1700 - IU-3F-04  | mtr2             | \$ 55.18         | 5.00   | \$ 275.88   | mtr2               | \$ 55.18         | 5.00   | \$ 275.88   |
| 16   | Ducting installation (400 x 200)mm Capacity R3, 1700 - IU-3F-05  | mtr2             | \$ 55.18         | 10.00  | \$ 551.76   | mtr2               | \$ 55.18         | 10.00  | \$ 551.76   |
| 17   | Ducting installation (200 x 200)mm Capacity R3, 1700 - IU-3F-05  | mtr2             | \$ 55.18         | 5.00   | \$ 275.88   | mtr2               | \$ 55.18         | 5.00   | \$ 275.88   |
| 18   | Ducting installation (400 x 200)mm Capacity R3, 1880 - IU-3F-06  | mtr2             | \$ 55.18         | 9.00   | \$ 496.59   | mtr2               | \$ 55.18         | 9.00   | \$ 496.59   |
| 19   | Ducting installation (200 x 200)mm Capacity R3, 1880 - IU-3F-06  | mtr2             | \$ 55.18         | 12.00  | \$ 662.11   | mtr2               | \$ 55.18         | 12.00  | \$ 662.11   |
| 20   | Ducting installation (400 x 200)mm Capacity R3, 1880 - IU-3F-07  | mtr2             | \$ 55.18         | 9.00   | \$ 496.59   | mtr2               | \$ 55.18         | 9.00   | \$ 496.59   |
| 21   | Ducting installation (200 x 200)mm Capacity R3, 1880 - IU-3F-07  | mtr2             | \$ 55.18         | 12.00  | \$ 662.11   | mtr2               | \$ 55.18         | 12.00  | \$ 662.11   |
| 22   | Ducting installation (400 x 200)mm Capacity R3, 1920 - IU-3F-08  | mtr2             | \$ 55.18         | 5.00   | \$ 275.88   | mtr2               | \$ 55.18         | 5.00   | \$ 275.88   |
| 23   | Ducting installation (200 x 200)mm Capacity R3, 1920 - IU-3F-08  | mtr2             | \$ 55.18         | 8.00   | \$ 441.41   | mtr2               | \$ 55.18         | 8.00   | \$ 441.41   |
| 24   | Ducting installation (400 x 300)mm Capacity R3, 1190 - IU-3F-09  | mtr2             | \$ 55.18         | 7.00   | \$ 386.23   | mtr2               | \$ 55.18         | 7.00   | \$ 386.23   |
| 25   | Ducting installation (200 x 200)mm Capacity R3, 1190 - IU-3F-09  | mtr2             | \$ 55.18         | 7.00   | \$ 386.23   | mtr2               | \$ 55.18         | 7.00   | \$ 386.23   |
| <b>B Return air ducting installation. Includes supply material, labor cost and material support</b>                                  |  |                  |                  |        |             |                    |                  |        |             |
| 1  | Ducting installation (1000 x 300)mm Capacity R3, 1190 - IU-3F-15 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 2  | Ducting installation (1000 x 300)mm Capacity R3, 1190 - IU-3F-16 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 3  | Ducting installation (1000 x 300)mm Capacity R3, 1190 - IU-3F-17 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 4  | Ducting installation (1000 x 300)mm Capacity R3, 1075 - IU-3F-01 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 5  | Ducting installation (1000 x 300)mm Capacity R3, 1075 - IU-3F-02 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 6  | Ducting installation (1000 x 300)mm Capacity R3, 1075 - IU-3F-04 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 7  | Ducting installation (1000 x 300)mm Capacity R3, 1075 - IU-3F-05 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 8  | Ducting installation (1000 x 300)mm Capacity R3, 1075 - IU-3F-06 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 9  | Ducting installation (1000 x 300)mm Capacity R3, 1075 - IU-3F-07 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 10   | Ducting installation (1000 x 300)mm Capacity R3, 1075 - IU-3F-08 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 11   | Ducting installation (1000 x 300)mm Capacity R3, 1075 - IU-3F-09 | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| <b>B-10-04.11.3.3 Air Filter</b>   |  |                  |                  |        |             |                    |                  |        |             |
| <b>Air filter installation. Includes supply material, labor cost and material support</b>  |  |                  |                  |        |             |                    |                  |        |             |
| 1  | Air Filter MERV 14   | Unit             | \$ 162.00        | 16.00  | \$ 2,592.00 | Unit               | \$ 162.00        | 16.00  | \$ 2,592.00 |
| <b>B-10-04.11.3.4 Air Device</b>   |  |                  |                  |        |             |                    |                  |        |             |
| <b>Air filter installation. Includes supply material, labor cost and material support</b>  |  |                  |                  |        |             |                    |                  |        |             |
| 1  | Supply Air Diffuser w/Plenum box & OBD, 200mm x 200mm            | Set              | \$ 129.42        | 39.00  | \$ 5,047.48 | Set                | \$ 129.42        | 39.00  | \$ 5,047.48 |
| 2  | Return Air Grille, 600mm x 400mm                                 | Set              | \$ 151.81        | 2.00   | \$ 303.62   | Set                | \$ 151.81        | 2.00   | \$ 303.62   |
| 3  | Return Air Grille, 800mm x 400mm                                 | Set              | \$ 211.80        | 9.00   | \$ 1,906.17 | Set                | \$ 211.80        | 9.00   | \$ 1,906.17 |
| 4  | Weatherproof Louvre w/Bird Screen, 900mm x 300mm                 | Set              | \$ 253.37        | 2.00   | \$ 506.74   | Set                | \$ 253.37        | 2.00   | \$ 506.74   |
| 5  | Ventcap Ø100mm   | Set              | \$ 52.50         | 13.00  | \$ 682.52   | Set                | \$ 52.50         | 13.00  | \$ 682.52   |
| <b>B-10-04.11.3.5 Refrigerant &amp; Condensate Drain Pipes</b>   |  |                  |                  |        |             |                    |                  |        |             |
| <b>Refrigerant &amp; Condensate Drains Pipes Installation, includes insulation, supply material, labor cost and material support</b> |  |                  |                  |        |             |                    |                  |        |             |
| 1  | Refrigerant Pipes OU-3F-01                                       | m                | \$ 68.45         | 55.00  | \$ 3,764.88 | m                  | \$ 61.01         | 55.00  | \$ 3,355.51 |
| 2  | Refrigerant Pipes IU-3F-01                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 3  | Refrigerant Pipes IU-3F-02                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 4  | Refrigerant Pipes IU-3F-03                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 5  | Refrigerant Pipes IU-3F-04                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 6  | Refrigerant Pipes IU-3F-05                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 7  | Refrigerant Pipes IU-3F-06                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 8  | Refrigerant Pipes IU-3F-07                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 9  | Refrigerant Pipes IU-3F-08                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 10   | Refrigerant Pipes IU-3F-09                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 11   | Refrigerant Pipes OU-3F-02                                       | m                | \$ 41.22         | 40.00  | \$ 1,648.85 | m                  | \$ 36.74         | 40.00  | \$ 1,469.57 |
| 12   | Refrigerant Pipes IU-3F-10                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 13   | Refrigerant Pipes IU-3F-11                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 14   | Refrigerant Pipes IU-3F-12                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 15   | Refrigerant Pipes IU-3F-13                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 16   | Refrigerant Pipes IU-3F-14                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 17   | Refrigerant Pipes IU-3F-15                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 18   | Refrigerant Pipes IU-3F-16                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 19   | Refrigerant Pipes IU-3F-17                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 20   | Refrigerant Pipes IU-3F-18                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 21   | Refrigerant Pipes IU-3F-19                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 22   | Refrigerant Pipes IU-3F-20                                       | m                | \$ 41.22         | 5.00   | \$ 206.11   | m                  | \$ 36.74         | 5.00   | \$ 183.70   |
| 23   | Condensate Drain Indoor Unit                                     | m                | \$ 21.61         | 100.00 | \$ 2,161.05 | m                  | \$ 21.61         | 100.00 | \$ 2,161.05 |
| <b>B-10-04.11.3.6 ITM Cabling</b>  |  |                  |                  |        |             |                    |                  |        |             |
| <b>Communication Cabling installation, includes HIC, supply material, labor cost and material support</b>                            |  |                  |                  |        |             |                    |                  |        |             |
| 1  | Category 6 (EIA/TIA), 23 AWG UTP copper cable                    | m                | \$ 7.76          | 195.00 | \$ 1,513.20 | m                  | \$ 7.76          | 195.00 | \$ 1,513.20 |
| <b>B-10-04.11.3.7 Ventilations Fan</b>   |  |                  |                  |        |             |                    |                  |        |             |
| <b>Ventilation fan installation. Includes supply material, labor cost and material support</b>                                       |  |                  |                  |        |             |                    |                  |        |             |
| 1  | Ex Fan Ceiling Mounted, 100 CMH                                  | Unit             | \$ 89.24         | 12.00  | \$ 1,070.86 | Unit               | \$ 79.54         | 12.00  | \$ 954.42   |
| 2  | Ex Fan Ceiling Mounted, 200 CMH                                  | Unit             | \$ 122.64        | 6.00   | \$ 735.82   | Unit               | \$ 109.30        | 6.00   | \$ 655.82   |
| 3  | Ex Fan Axial, 3000 CMH   | Unit             | \$ 1,692.40      | 2.00   | \$ 3,384.79 | Unit               | \$ 1,508.38      | 2.00   | \$ 3,016.75 |
| <b>B-10-04.11.3.8 Ventilation Ducts</b>  |  |                  |                  |        |             |                    |                  |        |             |
| <b>Ventilation ducts installation. Includes supply material, labor cost and material support</b>                                     |  |                  |                  |        |             |                    |                  |        |             |
| 1  | Ducting installation (600 x 300)mm                               | mtr2             | \$ 54.45         | 27.00  | \$ 1,470.15 | mtr2               | \$ 54.45         | 27.00  | \$ 1,470.15 |
| 2  | Ducting installation (500 x 300)mm                               | mtr2             | \$ 54.45         | 18.00  | \$ 980.10   | mtr2               | \$ 54.45         | 18.00  | \$ 980.10   |
| 3  | Ducting installation (400 x 300)mm                               | mtr2             | \$ 54.45         | 23.00  | \$ 1,252.35 | mtr2               | \$ 54.45         | 23.00  | \$ 1,252.35 |
| 4  | Ducting installation (200 x 200)mm                               | mtr2             | \$ 54.45         | 36.00  | \$ 1,960.20 | mtr2               | \$ 54.45         | 36.00  | \$ 1,960.20 |
| 5  | Ducting installation (150 x 100)mm                               | mtr2             | \$ 54.45         | 5.00   | \$ 272.25   | mtr2               | \$ 54.45         | 5.00   | \$ 272.25   |
| 6  | Exhaust Pipe Ø100mm  | mtr              | \$ 39.45         | 75.00  | \$ 2,959.06 | mtr                | \$ 39.45         | 75.00  | \$ 2,959.06 |



AGENCIA DE DESARROLLO NACIONAL, L.P.

NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022

**Project Name** : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital JCB/050/MOH-2022  
**Project Owner** : Guido Valadares National Hospital  
**Consultant** : PT Bemain Surya Cipia Joint Venture Rachio Plan Consultant, LDA  
**Supervision** :  
**Location** : Guido Valadares National Hospital, Dili - Timor Leste

## **NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

## NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022

**Project Name** : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
**Project Owner** : Guido Valadares National Hospital  
**Consultant** : PT Bennatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
**Supervision**  
**Location** : Guido Valadares National Hospital, Dili - Timor Leste

### NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)

| Item No        | Description   | OWNER ESTIMATION |                  |        |              | VERIFIED BY ADN IP |                  |        |              |
|----------------|---|------------------|------------------|--------|--------------|--------------------|------------------|--------|--------------|
|                |   | Unit             | Unit Price (USD) | Qty    | Cost Amount  | Unit               | Unit Price (USD) | Qty    | Cost Amount  |
| 6              | Refrigerant Pipes IU-4F-05  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 7              | Refrigerant Pipes IU-4F-06  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 8              | Refrigerant Pipes IU-4F-07  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 9              | Refrigerant Pipes IU-4F-08  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 10             | Refrigerant Pipes IU-4F-09  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 11             | Refrigerant Pipes OU-4F-02  | m                | \$ 68.45         | 35.00  | \$ 2,395.83  | m                  | \$ 61.01         | 35.00  | \$ 2,135.32  |
| 12             | Refrigerant Pipes IU-4F-10  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 13             | Refrigerant Pipes IU-4F-11  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 14             | Refrigerant Pipes IU-4F-12  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 15             | Refrigerant Pipes IU-4F-13  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 16             | Refrigerant Pipes IU-4F-14  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 17             | Refrigerant Pipes IU-4F-15  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 18             | Refrigerant Pipes IU-4F-16  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 19             | Refrigerant Pipes IU-4F-17  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 20             | Refrigerant Pipes IU-4F-18  | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 21             | Condensate Drain Indoor Unit  | m                | \$ 21.61         | 90.00  | \$ 1,944.95  | m                  | \$ 21.61         | 90.00  | \$ 1,944.95  |
| B-10-04.11.4.6 | <b>ITM Cabling</b><br>Communication Cabling installation, includes HIC, supply material, labor cost and material support    |                  |                  |        |              |                    |                  |        |              |
| 1              | Category 6 (EIA/TIA), 23 AWG UTP copper cable   | m                | \$ 7.76          | 175.00 | \$ 1,358.00  | m                  | \$ 7.76          | 175.00 | \$ 1,358.00  |
| B-10-04.11.4.5 | <b>Ventilations Fan</b><br>Ventilation fan installation. Includes supply material, labor cost and material support          |                  |                  |        |              |                    |                  |        |              |
| 1              | Ex Fan Ceiling Mounted, 100 CMH   | Unit             | \$ 89.24         | 5.00   | \$ 446.19    | Unit               | \$ 79.54         | 5.00   | \$ 397.68    |
| 2              | Ex Fan Ceiling Mounted, 200 CMH   | Unit             | \$ 122.64        | 4.00   | \$ 490.55    | Unit               | \$ 109.30        | 4.00   | \$ 437.21    |
| 3              | Ex Fan Axial, 3000 CMH  | Unit             | \$ 1,692.40      | 2.00   | \$ 3,384.79  | Unit               | \$ 1,508.38      | 2.00   | \$ 3,016.75  |
| B-10-04.11.4.6 | <b>Ventilation Ducts</b><br>Ventilation ducts installation. Includes supply material, labor cost and material support       |                  |                  |        |              |                    |                  |        |              |
| 1              | Ducting installation (700 x 300)mm  | mtr2             | \$ 54.45         | 28.00  | \$ 1,524.60  | mtr2               | \$ 54.45         | 28.00  | \$ 1,524.60  |
| 2              | Ducting installation (500 x 300)mm  | mtr2             | \$ 54.45         | 32.00  | \$ 1,742.40  | mtr2               | \$ 54.45         | 32.00  | \$ 1,742.40  |
| 3              | Ducting installation (400 x 300)mm  | mtr2             | \$ 54.45         | 21.00  | \$ 1,143.45  | mtr2               | \$ 54.45         | 21.00  | \$ 1,143.45  |
| 4              | Ducting installation (200 x 200)mm  | mtr2             | \$ 54.45         | 28.00  | \$ 1,524.60  | mtr2               | \$ 54.45         | 28.00  | \$ 1,524.60  |
| 5              | Ducting installation (200 x 150)mm  | mtr2             | \$ 54.45         | 14.00  | \$ 762.30    | mtr2               | \$ 54.45         | 14.00  | \$ 762.30    |
| 6              | Exhaust Pipe Ø100mm   | mtr              | \$ 39.45         | 61.00  | \$ 2,406.70  | mtr                | \$ 39.45         | 61.00  | \$ 2,406.70  |
| B-10-04.11.4   | <b>FIFTH FLOOR</b><br>(The system including supply & Install. Bracket and material support are included)                    |                  |                  |        |              |                    |                  |        |              |
| B-10-04.11.4.1 | <b>Indoor &amp; Outdoor Unit</b>  |                  |                  |        |              |                    |                  |        |              |
| 1              | Outdoor VRV A (RX042AMY14) Capacity 399.000   | unit             | \$ 60,843.82     | 1.00   | \$ 60,843.82 | unit               | \$ 54,228.00     | 1.00   | \$ 54,228.00 |
| 2              | Outdoor VRV A (RX032AY14) Capacity 307.000  | unit             | \$ 46,691.28     | 1.00   | \$ 46,691.28 | unit               | \$ 41,614.33     | 1.00   | \$ 41,614.33 |
| 3              | Wall mounted Capacity 9.600   | unit             | \$ 2,858.37      | 1.00   | \$ 2,858.37  | unit               | \$ 2,547.57      | 1.00   | \$ 2,547.57  |
| 4              | Wall mounted Capacity 24.200  | unit             | \$ 3,548.25      | 2.00   | \$ 7,096.50  | unit               | \$ 3,162.43      | 2.00   | \$ 6,324.87  |
| 5              | Duct Capacity 38.200  | unit             | \$ 4,448.09      | 4.00   | \$ 17,792.38 | unit               | \$ 3,964.43      | 4.00   | \$ 15,857.73 |
| 6              | High static duct - Dama Capacity 76.400   | unit             | \$ 7,282.60      | 7.00   | \$ 50,978.22 | unit               | \$ 6,490.73      | 7.00   | \$ 45,435.13 |
| 7              | Outdoor VRV A (RX010AMY14) Capacity 95.500  | unit             | \$ 15,313.43     | 3.00   | \$ 45,940.29 | unit               | \$ 13,648.33     | 3.00   | \$ 40,945.00 |
| 8              | Outdoor VRV A (RX016AY14) Capacity 154.000  | unit             | \$ 24,221.55     | 1.00   | \$ 24,221.55 | unit               | \$ 21,587.83     | 1.00   | \$ 21,587.83 |
| 9              | Outdoor Air Processing Unit Capacity 47.800   | unit             | \$ 7,747.52      | 9.00   | \$ 69,727.70 | unit               | \$ 6,905.10      | 9.00   | \$ 62,145.90 |
| 10             | Reheat joint  | pcs              | \$ 120.00        | 17.00  | \$ 2,040.00  | pcs                | \$ 120.00        | 17.00  | \$ 2,040.00  |
| 11             | Pipe reducer  | pcs              | \$ 66.67         | 14.00  | \$ 933.33    | pcs                | \$ 66.67         | 14.00  | \$ 933.33    |
| 12             | Common navigation controller  | unit             | \$ 75.33         | 23.00  | \$ 1,732.67  | unit               | \$ 75.33         | 23.00  | \$ 1,732.67  |
| B-10-04.11.4.2 | <b>Air Conditioning Ducts</b><br>Supply air ducting installation. Includes supply material, labor cost and material support |                  |                  |        |              |                    |                  |        |              |
| 1              | Ducting installation (600 x 300)mm Capacity R3. 2000 - IU-5F-13   | mtr2             | \$ 54.45         | 9.00   | \$ 490.05    | mtr2               | \$ 54.45         | 9.00   | \$ 490.05    |
| 2              | Ducting installation (400 x 300)mm Capacity R3. 2000 - IU-5F-13   | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 3              | Ducting installation (400 x 200)mm Capacity R3. 2000 - IU-5F-13   | mtr2             | \$ 54.45         | 4.00   | \$ 217.80    | mtr2               | \$ 54.45         | 4.00   | \$ 217.80    |
| 4              | Ducting installation (200 x 200)mm Capacity R3. 2000 - IU-5F-13   | mtr2             | \$ 54.45         | 6.00   | \$ 326.70    | mtr2               | \$ 54.45         | 6.00   | \$ 326.70    |
| 5              | Ducting installation (600 x 300)mm Capacity R3. 2000 - IU-5F-14   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
| 6              | Ducting installation (400 x 300)mm Capacity R3. 2000 - IU-5F-14   | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 7              | Ducting installation (400 x 200)mm Capacity R3. 2000 - IU-5F-14   | mtr2             | \$ 54.45         | 4.00   | \$ 217.80    | mtr2               | \$ 54.45         | 4.00   | \$ 217.80    |
| 8              | Ducting installation (200 x 200)mm Capacity R3. 2000 - IU-5F-14   | mtr2             | \$ 54.45         | 4.00   | \$ 217.80    | mtr2               | \$ 54.45         | 4.00   | \$ 217.80    |
| 9              | Ducting installation (600 x 300)mm Capacity R3. 2000 - IU-5F-05   | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 10             | Ducting installation (400 x 300)mm Capacity R3. 2000 - IU-5F-05   | mtr2             | \$ 54.45         | 4.00   | \$ 217.80    | mtr2               | \$ 54.45         | 4.00   | \$ 217.80    |
| 11             | Ducting installation (400 x 200)mm Capacity R3. 2000 - IU-5F-05   | mtr2             | \$ 54.45         | 4.00   | \$ 217.80    | mtr2               | \$ 54.45         | 4.00   | \$ 217.80    |
| 12             | Ducting installation (600 x 300)mm Capacity R3. 2000 - IU-5F-06   | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 13             | Ducting installation (400 x 300)mm Capacity R3. 2000 - IU-5F-06   | mtr2             | \$ 54.45         | 4.00   | \$ 217.80    | mtr2               | \$ 54.45         | 4.00   | \$ 217.80    |
| 14             | Ducting installation (400 x 200)mm Capacity R3. 2000 - IU-5F-06   | mtr2             | \$ 54.45         | 4.00   | \$ 217.80    | mtr2               | \$ 54.45         | 4.00   | \$ 217.80    |
| 15             | Ducting installation (600 x 400)mm Capacity R3. 3120 - IU-5F-10   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
| 16             | Ducting installation (400 x 400)mm Capacity R3. 3120 - IU-5F-10   | mtr2             | \$ 54.45         | 12.00  | \$ 653.40    | mtr2               | \$ 54.45         | 12.00  | \$ 653.40    |
| 17             | Ducting installation (600 x 400)mm Capacity R3. 3120 - IU-5F-11   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
| 18             | Ducting installation (400 x 300)mm Capacity R3. 3120 - IU-5F-11   | mtr2             | \$ 54.45         | 12.00  | \$ 653.40    | mtr2               | \$ 54.45         | 12.00  | \$ 653.40    |
| 19             | Ducting installation (600 x 400)mm Capacity R3. 3120 - IU-5F-12   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
| 20             | Ducting installation (400 x 300)mm Capacity R3. 3120 - IU-5F-12   | mtr2             | \$ 54.45         | 12.00  | \$ 653.40    | mtr2               | \$ 54.45         | 12.00  | \$ 653.40    |
| 21             | Ducting installation (600 x 400)mm Capacity R3. 3120 - IU-5F-08   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
| 22             | Ducting installation (400 x 300)mm Capacity R3. 3120 - IU-5F-08   | mtr2             | \$ 54.45         | 6.00   | \$ 326.70    | mtr2               | \$ 54.45         | 6.00   | \$ 326.70    |
| 23             | Ducting installation (300 x 300)mm Capacity R3. 3120 - IU-5F-08   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
| 24             | Ducting installation (600 x 400)mm Capacity R3. 3120 - IU-5F-09   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
| 25             | Ducting installation (400 x 300)mm Capacity R3. 3120 - IU-5F-09   | mtr2             | \$ 54.45         | 6.00   | \$ 326.70    | mtr2               | \$ 54.45         | 6.00   | \$ 326.70    |
| 26             | Ducting installation (300 x 300)mm Capacity R3. 3120 - IU-5F-09   | mtr2             | \$ 54.45         | 8.00   | \$ 435.60    | mtr2               | \$ 54.45         | 8.00   | \$ 435.60    |
| 27             | Ducting installation (600 x 400)mm Capacity R3. 3015 - IU-5F-01   | mtr2             | \$ 54.45         | 6.00   | \$ 326.70    | mtr2               | \$ 54.45         | 6.00   | \$ 326.70    |
| 28             | Ducting installation (600 x 300)mm Capacity R3. 3035 - IU-5F-01   | mtr2             | \$ 54.45         | 6.00   | \$ 326.70    | mtr2               | \$ 54.45         | 6.00   | \$ 326.70    |
| 29             | Ducting installation (400 x 300)mm Capacity R3. 3035 - IU-5F-01   | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 30             | Ducting installation (300 x 300)mm Capacity R3. 3015 - IU-5F-01   | mtr2             | \$ 54.45         | 12.00  | \$ 653.40    | mtr2               | \$ 54.45         | 12.00  | \$ 653.40    |

## NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bennatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
 Supervision :  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

## NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)

| Item No        | Description  | OWNER ESTIMATION |                  |        |              | VERIFIED BY ADN IP |                  |        |              |
|----------------|--|------------------|------------------|--------|--------------|--------------------|------------------|--------|--------------|
|                |  | Unit             | Unit Price (USD) | Qty    | Cost Amount  | Unit               | Unit Price (USD) | Qty    | Cost Amount  |
| B              | <b>Return air ducting installation. Includes supply material, labor cost and material support</b>  |                  |                  |        |              |                    |                  |        |              |
| 1              | Ducting installation (1000 x 300)mm R3, 2000 - IU-5F-13  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 2              | Ducting installation (1000 x 300)mm R3, 2000 - IU-5F-14  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 3              | Ducting installation (1000 x 300)mm R3, 2000 - IU-5F-05  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 4              | Ducting installation (1000 x 300)mm R3, 2000 - IU-5F-06  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 5              | Ducting installation (1000 x 300)mm R3, 3130 - IU-5F-10  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 6              | Ducting installation (1000 x 300)mm R3, 3130 - IU-5F-11  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 7              | Ducting installation (1000 x 300)mm R3, 3130 - IU-5F-12  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 8              | Ducting installation (1000 x 300)mm R3, 3120 - IU-5F-08  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 9              | Ducting installation (1000 x 300)mm R3, 3120 - IU-5F-09  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 10             | Ducting installation (1000 x 300)mm R3, 3035 - IU-5F-01  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| 11             | Ducting installation (1000 x 300)mm R3, 3035 - IU-5F-02  | mtr2             | \$ 54.45         | 5.00   | \$ 272.25    | mtr2               | \$ 54.45         | 5.00   | \$ 272.25    |
| B-10-04.11.4.3 | <b>Air Filter</b><br>Air filter installation. Includes supply material, labor cost and material support  |                  |                  |        |              |                    |                  |        |              |
| 1              | Air Filter MERV 14   | Unit             | \$ 162.00        | 11.00  | \$ 1,782.00  | Unit               | \$ 162.00        | 11.00  | \$ 1,782.00  |
| B-10-04.11.4.4 | <b>Air Device</b><br>Air filter installation. Includes supply material, labor cost and material support  |                  |                  |        |              |                    |                  |        |              |
| 1              | Supply Air Diffuser w/Plenum box & OBD, 200mm x 200mm  | Set              | \$ 129.42        | 14.00  | \$ 1,811.91  | Set                | \$ 129.42        | 14.00  | \$ 1,811.91  |
| 2              | Supply Air Diffuser w/Plenum box & OBD, 400mm x 400mm  | Set              | \$ 198.16        | 27.00  | \$ 5,350.41  | Set                | \$ 198.16        | 27.00  | \$ 5,350.41  |
| 3              | Return Air Grille, 800mm x 400mm   | Set              | \$ 211.80        | 11.00  | \$ 2,329.77  | Set                | \$ 211.80        | 11.00  | \$ 2,329.77  |
| 4              | Weatherproof Louvre w/Bird Screen, 900mm x 500mm   | Set              | \$ 253.37        | 1.00   | \$ 253.37    | Set                | \$ 253.37        | 1.00   | \$ 253.37    |
| 5              | Ventcap Ø100mm   | Set              | \$ 52.50         | 7.00   | \$ 367.51    | Set                | \$ 52.50         | 7.00   | \$ 367.51    |
| 6              | Ventcap Ø150mm   | Set              | \$ 78.75         | 1.00   | \$ 78.75     | Set                | \$ 78.75         | 1.00   | \$ 78.75     |
| B-10-04.11.4.5 | <b>Refrigerant &amp; Condensate Drain Pipes</b><br>Refrigerant & Condensate Drain Pipes installation, includes insulation, supply material, labor cost and material support                                      |                  |                  |        |              |                    |                  |        |              |
| 1              | Refrigerant Pipes OU-5F-01   | m                | \$ 68.45         | 50.00  | \$ 3,422.62  | m                  | \$ 61.01         | 50.00  | \$ 3,050.46  |
| 2              | Refrigerant Pipes IU-5F-01   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 3              | Refrigerant Pipes IU-5F-02   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 4              | Refrigerant Pipes IU-5F-03   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 5              | Refrigerant Pipes IU-5F-04   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 6              | Refrigerant Pipes IU-5F-05   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 7              | Refrigerant Pipes IU-5F-06   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 8              | Refrigerant Pipes IU-5F-07   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 36.74         | 5.00   | \$ 183.70    |
| 9              | Refrigerant Pipes OU-5F-02   | m                | \$ 68.45         | 35.00  | \$ 2,395.83  | m                  | \$ 68.45         | 35.00  | \$ 2,395.83  |
| 10             | Refrigerant Pipes IU-5F-08   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 41.22         | 5.00   | \$ 206.11    |
| 11             | Refrigerant Pipes IU-5F-09   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 41.22         | 5.00   | \$ 206.11    |
| 12             | Refrigerant Pipes IU-5F-10   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 41.22         | 5.00   | \$ 206.11    |
| 13             | Refrigerant Pipes IU-5F-11   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 41.22         | 5.00   | \$ 206.11    |
| 14             | Refrigerant Pipes IU-5F-12   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 41.22         | 5.00   | \$ 206.11    |
| 15             | Refrigerant Pipes IU-5F-13   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 41.22         | 5.00   | \$ 206.11    |
| 16             | Refrigerant Pipes IU-5F-14   | m                | \$ 41.22         | 5.00   | \$ 206.11    | m                  | \$ 41.22         | 5.00   | \$ 206.11    |
| 17             | Condensate Drain Indoor Unit   | m                | \$ 21.61         | 70.00  | \$ 1,512.74  | m                  | \$ 21.61         | 70.00  | \$ 1,512.74  |
| B-10-04.11.4.6 | <b>ITM Cabling</b><br>Communication Cabling installation, includes HIC, supply material, labor cost and material support   |                  |                  |        |              |                    |                  |        |              |
| 1              | Category 6 (EIA/TIA), 23 AWG UTP copper cable  | m                | \$ 7.76          | 155.00 | \$ 1,202.80  | m                  | \$ 2.50          | 155.00 | \$ 387.50    |
| B-10-04.11.4.7 | <b>Ventilations Fan</b><br>Ventilation fan installation. Includes supply material, labor cost and material support   |                  |                  |        |              |                    |                  |        |              |
| 1              | Ex Fan Ceiling Mounted, 100 CMH  | Unit             | \$ 89.24         | 15.00  | \$ 1,338.57  | Unit               | \$ 79.54         | 15.00  | \$ 1,193.03  |
| 2              | Ex Fan Ceiling Mounted, 200 CMH  | Unit             | \$ 122.64        | 2.00   | \$ 245.27    | Unit               | \$ 109.30        | 2.00   | \$ 218.61    |
| 3              | Ex Fan Wall Mounted, 900 CMH   | Unit             | \$ 178.30        | 3.00   | \$ 534.91    | Unit               | \$ 158.92        | 3.00   | \$ 476.75    |
| 4              | Ex Fan Axial, 3000 CMH   | Unit             | \$ 1,692.40      | 1.00   | \$ 1,692.40  | Unit               | \$ 1,508.38      | 1.00   | \$ 1,508.38  |
| B-10-04.11.4.8 | <b>Ventilation Ducts</b><br>Ventilation ducts installation. Includes supply material, labor cost and material support  |                  |                  |        |              |                    |                  |        |              |
| 1              | Ducting installation (800 x 300)mm   | mtr2             | \$ 54.45         | 28.00  | \$ 1,524.60  | mtr2               | \$ 54.45         | 28.00  | \$ 1,524.60  |
| 2              | Ducting installation (600 x 300)mm   | mtr2             | \$ 54.45         | 28.00  | \$ 1,524.60  | mtr2               | \$ 54.45         | 28.00  | \$ 1,524.60  |
| 3              | Ducting installation (500 x 300)mm   | mtr2             | \$ 54.45         | 16.00  | \$ 871.20    | mtr2               | \$ 54.45         | 16.00  | \$ 871.20    |
| 4              | Ducting installation (400 x 200)mm   | mtr2             | \$ 54.45         | 18.00  | \$ 980.10    | mtr2               | \$ 54.45         | 18.00  | \$ 980.10    |
| 5              | Ducting installation (300 x 200)mm   | mtr2             | \$ 54.45         | 20.00  | \$ 1,089.00  | mtr2               | \$ 54.45         | 20.00  | \$ 1,089.00  |
| 6              | Ducting installation (200 x 200)mm   | mtr2             | \$ 54.45         | 24.00  | \$ 1,306.80  | mtr2               | \$ 54.45         | 24.00  | \$ 1,306.80  |
| 7              | Exhaust Pipe Ø100mm  | mtr              | \$ 54.45         | 79.00  | \$ 4,301.55  | mtr                | \$ 54.45         | 79.00  | \$ 4,301.55  |
|                | <b>Fire Fighting System</b>  |                  |                  |        |              |                    |                  |        |              |
| B-10-05.5      | Fire Pump, Vertical turbine type, 1892 liter/min @ 70 meter TDH, 50 Hp motor, 380 v-3 ph-60 Hz, 1750 rpm complete with UL listed FM approved controller with Automatic Transfer Switch and standard accessories. | set              | \$ 85,240.00     | 1.00   | \$ 85,240.00 | set                | \$ 85,240.00     | 1.00   | \$ 85,240.00 |
| B-10-05.6      | Jockey Pump, submersible type with submersible motor, 37.8 liter/min, @ 70 meter TDH capacity, 2 HP motor, 230 v-1 ph-60 Hz, 1750 rpm with water proof power cable and Controller.                               | set              | \$ 35,410.00     | 1.00   | \$ 35,410.00 | set                | \$ 35,410.00     | 1.00   | \$ 35,410.00 |
| B-10-09.5      | <b>Clean Water System</b><br><b>GROUND FLOOR</b><br>The system including supply & install. Bracket and material support are included   |                  |                  |        |              |                    |                  |        |              |
| I              | <b>Unit Equipment</b>  |                  |                  |        |              |                    |                  |        |              |
| 1              | Transfer pump for filtering system (Parallel alternate)  | set              | \$ 17,812.00     | 1.00   | \$ 17,812.00 | set                | \$ 17,812.00     | 1.00   | \$ 17,812.00 |



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I.P.

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Benatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
 Supervision :  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

**NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**

| Item No   | Description  | OWNER ESTIMATION |                  |        |              | VERIFIED BY ADN IP |                  |        |              |
|-----------|--|------------------|------------------|--------|--------------|--------------------|------------------|--------|--------------|
|           |  | Unit             | Unit Price (USD) | Qty    | Cost Amount  | Unit               | Unit Price (USD) | Qty    | Cost Amount  |
|           | Capacity: 2 x 25 m3/h<br>Head: 20 mtr.<br>Power: 2,2 kW/ 50 Hz/ 2900 rpm   |                  |                  |        |              |                    |                  |        |              |
| 2         | Booster pump<br>Type pump : Centrifugal, Vertical multistage<br>Package : Control panel variable speed drive<br>: Pressure transmitter<br>: Pressure tank<br>: Header (anti corrosion header)                          | set              | \$ 9,443.82      | 1.00   | \$ 9,443.82  | set                | \$ 9,443.82      | 1.00   | \$ 9,443.82  |
|           | Capacity: 2 x 260 lpm<br>Head: 30 - 40 mtr<br>Power: 2 x 2,65 kW/ 50 Hz/ 2900 rpm  |                  |                  |        |              |                    |                  |        |              |
| 3         | Transfer pump to roof tank<br>Type pump : Vertical multistage<br>Package : Control panel variable speed drive<br>: Pressure transmitter<br>: Pressure tank<br>: Header (anti corrosion header)                         | set              | \$ 24,509.06     | 1.00   | \$ 24,509.06 | set                | \$ 24,509.06     | 1.00   | \$ 24,509.06 |
|           | Capacity: 2 x 10 mtr3/h<br>Head: 80 mtr - 100 mtr<br>Power: 2,2 kW/ 50 Hz/ 2900 rpm  |                  |                  |        |              |                    |                  |        |              |
| 4         | Clean water supply from existing HNGV to Pediatric<br>Type pump : Vertical multistage<br>Package : Control panel variable speed drive<br>: Pressure transmitter<br>: Pressure tank<br>: Header (anti corrosion header) | set              | \$ 48,750.00     | 1.00   | \$ 48,750.00 | set                | \$ 48,750.00     | 1.00   | \$ 48,750.00 |
|           | Capacity: 2 x 25 mtr3/h<br>Head: 80 mtr - 150 mtr<br>Power: 7,5 kW/ 50 Hz/ 2900 rpm  |                  |                  |        |              |                    |                  |        |              |
|           | Installation cost pump room (tapping from existing water tank) & material support  | ls               | \$ 8,400.00      | 1.00   | \$ 8,400.00  | ls                 | \$ 8,400.00      | 1.00   | \$ 8,400.00  |
| 5         | Carbon filter Capacity: 22 - 27 mtr3/h<br>Media : Silica sand & gravel mixed with active carbon<br>System : Manual backwash  | Unit             | \$ 9,901.70      | 1.00   | \$ 9,901.70  | Unit               | \$ 9,901.70      | 1.00   | \$ 9,901.70  |
| 6         | Softener filter Capacity: 22 - 27 mtr3/h<br>Media : Resin anion cation<br>System : Manual backwash<br>Package: Industrial salt & brine tank  | Unit             | \$ 10,567.04     | 1.00   | \$ 10,567.04 | Unit               | \$ 10,567.04     | 1.00   | \$ 10,567.04 |
| 7         | Sand filter Capacity: 22 - 27 mtr3/h<br>Media : Silica sand<br>System : Manual backwash  | Unit             | \$ 10,290.61     | 1.00   | \$ 10,290.61 | Unit               | \$ 10,290.61     | 1.00   | \$ 10,290.61 |
| 8         | Bore well works<br>Case type : PVC class AW dia. 6"<br>Depth : Approx. 70 m  | mtr              | \$ 63.33         | 70.00  | \$ 4,433.06  | mtr                | \$ 63.33         | 70.00  | \$ 4,433.06  |
|           | Installation piping from the deep well to raw water tank HDPE PN. 16 DN. 63mm  | mtr              | \$ 68.00         | 30.00  | \$ 2,040.00  | mtr                | \$ 68.00         | 30.00  | \$ 2,040.00  |
| 9         | Submersible deep well<br>Type : Deep well pump (multistage)<br>Include : Control panel   | Unit             | \$ 3,305.34      | 1.00   | \$ 3,305.34  | Unit               | \$ 3,305.34      | 1.00   | \$ 3,305.34  |
|           | Capacity: 11 m3/h<br>Power: 3HP/ 380V/ 3 ph/ 50 Hz   |                  |                  |        |              |                    |                  |        |              |
|           | Additional installation clean water from HNGV to pediatric HDPE PN. 16 pipe DN. 63mm   | mtr              | \$ 68.00         | 325.00 | \$ 22,100.00 | mtr                | \$ 68.00         | 325.00 | \$ 22,100.00 |
| 11        | Testing & commissioning  | ls               | \$ 20,951.13     | 1.00   | \$ 20,951.13 | ls                 | \$ 20,951.13     | 1.00   | \$ 20,951.13 |
| B-10-09.6 | Hot Water System<br>ROOF TOP<br>The system including supply & install. Bracket and material support are included   |                  |                  |        |              |                    |                  |        |              |
| I         | Unit Equipment   |                  |                  |        |              |                    |                  |        |              |
| 1         | Head Pump Capacity: 75 kW (heating)<br>Power: 17,7 kW (input power), 3 phase/ 380 V/ 50 Hz<br>Type : Heat pump with titanium heat exchanger<br>Package : Control panel<br>: Temperature sensor                         | Set              | \$ 35,175.82     | 1.00   | \$ 35,175.82 | Set                | \$ 35,175.82     | 1.00   | \$ 35,175.82 |



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, I. P.

NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL JCB/050/MOH-2022

**Project Name** : New Construction of Pediatric And ICU Building Of The Guido Valadares National Hospital ICB/050/MOH-2022  
**Project Owner** : Guido Valadares National Hospital  
**Consultant** : PT Bennatin Surya Cipta Joint Venture Rachtio Plan Consultant, LDA  
**Supervision** :  
**Location** : Guido Valadares National Hospital, Dili - Timor Leste

**NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, E. P.

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bennatin Surya Cipta Joint Venture Rachio Plan Consultant, LDA  
 Supervision Location : Guido Valadares National Hospital, Dili - Timor Leste

**NEW ITEM AND CHANGE CONTRACT ORDER (SPECIFICATION)**

| Item No   | Description  | OWNER ESTIMATION |                  |       |                 | VERIFIED BY ADN IP |                  |       |                 |
|-----------|--|------------------|------------------|-------|-----------------|--------------------|------------------|-------|-----------------|
|           |  | Unit             | Unit Price (USD) | Qty   | Cost Amount     | Unit               | Unit Price (USD) | Qty   | Cost Amount     |
| 1         | Power: 4 x 0.75 kW, 50 Hz/ 2900 rpm<br>Type : FRP tank (customize)<br>Package : Double blower pump<br>: Sewage submersible pump                  |                  |                  |       |                 |                    |                  |       |                 |
| 2         | Chamber 8 m <sup>3</sup> Capacity: 8 m <sup>3</sup><br>Type : FRP tank (customize)<br>Package : Only FRP tank                                    | set              | \$ 7,730.58      | 3.00  | \$ 23,191.74    | set                | \$ 7,730.58      | 3.00  | \$ 23,191.74    |
| 3         | Fish pond chamber 5m <sup>3</sup> Capacity: 5 m <sup>3</sup><br>Type : FRP tank (customize)<br>Package : Only FRP tank                           | set              | \$ 2,671.76      | 1.00  | \$ 2,671.76     | set                | \$ 2,671.76      | 1.00  | \$ 2,671.76     |
| 4         | Filter pump Capacity: 30 m <sup>3</sup> /h<br>Power: 2 HP/ 1ph/ 220V/ 50Hz<br>Specs : Sewage pump, type centrifugal<br>Package : Control panel   | Unit             | \$ 2,590.14      | 2.00  | \$ 5,180.27     | Unit               | \$ 2,590.14      | 2.00  | \$ 5,180.27     |
| 5         | Jet aerator pump Capacity: 15 m <sup>3</sup> /h<br>Power: 1.5HP/ 1ph/ 220V/ 50Hz<br>Specs : High static blower<br>Package : Control panel        | Unit             | \$ 2,398.28      | 1.00  | \$ 2,398.28     | Unit               | \$ 2,398.28      | 1.00  | \$ 2,398.28     |
| 6         | Dosing pump Capacity: 4.75 lph<br>Power: 0.3 KW/ 1ph/ 220V/ 50Hz<br>Specs : High static blower<br>Package : Chlorine tank 100 liter              | Unit             | \$ 863.38        | 1.00  | \$ 863.38       | Unit               | \$ 863.38        | 1.00  | \$ 863.38       |
| 7         | Sand filter Capacity: 22 - 27 mtr <sup>3</sup> /h<br>Media : Silica sand<br>System : Automatic backwash  | Unit             | \$ 863.38        | 1.00  | \$ 863.38       | Unit               | \$ 863.38        | 1.00  | \$ 863.38       |
| 8         | Carbon filter Capacity: 22 - 27 mtr <sup>3</sup> /h<br>Media : Carbon active<br>System : Automatic backwash                                      | Unit             | \$ 10,933.84     | 1.00  | \$ 10,933.84    | Unit               | \$ 10,933.84     | 1.00  | \$ 10,933.84    |
| 9         | Ultra filtration machine Capacity : 30 GPM<br>Specs : Auto flushing system<br>Package : Membrane cartridge<br>: Control panel                    | Unit             | \$ 3,165.72      | 1.00  | \$ 3,165.72     | Unit               | \$ 3,165.72      | 1.00  | \$ 3,165.72     |
| 10        | Ultraviolet sterilizer Capacity: 24 GPM x 4 unit<br>Specs : UV high duty<br>Package : UV bulb<br>: Wiring cable                                  | Set              | \$ 2,206.41      | 1.00  | \$ 2,206.41     | Set                | \$ 2,206.41      | 1.00  | \$ 2,206.41     |
| 11        | Multicartridge Capacity : 30 GPM<br>Specs : Cartridge filter<br>Package : Membrane cartridge<br>: PP filter                                      | Unit             | \$ 1,438.97      | 1.00  | \$ 1,438.97     | Unit               | \$ 1,438.97      | 1.00  | \$ 1,438.97     |
| 12        | Ozone generator Capacity : 20 gr. Hr<br>Power: 0.35 kW/ 1ph/ 220V/ 50Hz<br>Specs : High duty ozone generator<br>Package : Unit<br>: Wiring cable | Unit             | \$ 1,630.83      | 1.00  | \$ 1,630.83     | Unit               | \$ 1,630.83      | 1.00  | \$ 1,630.83     |
| 13        | Automatic control panel STP  | Unit             | \$ 959.31        | 1.00  | \$ 959.31       | Unit               | \$ 959.31        | 1.00  | \$ 959.31       |
| 14        | Training, testing & commissioning  | Lot              | \$ 26,494.11     | 1.00  | \$ 26,494.11    | Lot                | \$ 26,494.11     | 1.00  | \$ 26,494.11    |
|           | <b>Sub Total</b>   |                  |                  |       | \$ 2,539,339.26 |                    |                  |       | \$ 2,187,568.26 |
| B11       | <b>ELECTRICAL WORKS</b>  |                  |                  |       |                 |                    |                  |       |                 |
| B-11-01   | Electrical Installation  |                  |                  |       |                 |                    |                  |       |                 |
| B-11-01.1 | High Voltage Work  |                  |                  |       |                 |                    |                  |       |                 |
|           | New electrical connection 1.385 KVA  | ls               | \$ 237,527.40    | 1.00  | \$ 237,527.40   | ls                 | \$ 1,500.00      | 1.00  | \$ 1,500.00     |
|           | Capacitor bank panel cap. 650 Kvar (50 kVA x 13 Step) c/w automatic power correction   | set              | \$ 24,896.88     | 1.00  | \$ 24,896.88    | set                | \$ 19,069.73     | 1.00  | \$ 19,069.73    |
|           | PPCW (Additional Panel for Clean Water System) : 160AF/100AT 3P  | set              | \$ 2,440.28      | 1.00  | \$ 2,440.28     | set                | \$ 1,951.33      | 1.00  | \$ 1,951.33     |
|           | PPHP (Additional Panel for Hot Water System) : 160AF/100AT 3P  | set              | \$ 2,440.28      | 1.00  | \$ 2,440.28     | set                | \$ 1,951.33      | 1.00  | \$ 1,951.33     |
|           | PPSTP (Additional Panel for Sewage Water System) : 100AF/80AT 3P   | set              | \$ 2,126.68      | 1.00  | \$ 2,126.68     | set                | \$ 1,895.43      | 1.00  | \$ 1,895.43     |
|           | PPAC (Additional Panel for Air Conditioning System) : 1000AF/800AT 3P  | set              | \$ 8,649.54      | 1.00  | \$ 8,649.54     | set                | \$ 7,709.03      | 1.00  | \$ 7,709.03     |
|           | Aluminum bus duct 3200 A   | mtr              | \$ 325.19        | 40.00 | \$ 13,007.72    | mtr                | \$ 256.50        | 40.00 | \$ 10,260.00    |
|           | Synchronization Panel 2 X 750 KVA ( 2 MCCB SCHNEIDER 1250 A + 2 DSE 8610 )   | mtr              | \$ 27,806.90     | 1.00  | \$ 27,806.90    | set                | \$ 20,841.67     | 1.00  | \$ 20,841.67    |
|           | <b>Sub Total</b>   |                  |                  |       | \$ 318,895.66   |                    |                  |       | \$ 65,178.53    |
| B13       | <b>SPECIALTY WORKS</b>   |                  |                  |       |                 |                    |                  |       |                 |
| B-13-05   | Vibration Control Work   |                  |                  |       |                 |                    |                  |       |                 |
| B-13-05.1 | Installation of Polyurethane Foam  | m2               | \$ 9.49          | 13.95 | \$ 132.38       | m2                 | \$ 9.49          | 13.95 | \$ 132.38       |
| B-13-05.2 | Vibration Isolation 50 mm thick with FABSORBTM 150x150x25mm for Base   | Sheet            | \$ 362.01        | 9.00  | \$ 3,258.13     | Sheet              | \$ 362.01        | 9.00  | \$ 3,258.13     |



AGENCIA DE DESARROLLO NACIONAL, L. P.

## NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL

**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Rematin Surya Cipta Joint Venture Racina Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No     | Description                                   | Original Contract |                  |          |              |            |           | Owner Estimation |           |              |           |              |           | VERIFIED BY ADN IP |           |              |           |  |  |
|-------------|---|-------------------|------------------|----------|--------------|------------|-----------|------------------|-----------|--------------|-----------|--------------|-----------|--------------------|-----------|--------------|-----------|--|--|
|             |   | Unit              | Unit Price (USD) | Qty      | Cost Amount  | Quantity   |           | Revised Cost     |           | Quantity     |           | Revised Cost |           | Quantity           |           | Revised Cost |           |  |  |
|             |   |                   |                  |          |              | Additional | Deduction | Additional       | Deduction | Additional   | Deduction | Additional   | Deduction | Additional         | Deduction | Additional   | Deduction |  |  |
| B01         | <b>PRELIMINARIES</b>                          |                   |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-03     | Mobilization                                  | Ls                | \$ 23,618.00     | 1.00     | \$ 23,618.00 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-04     | Demobilization                                | Ls                | \$ 4,287.39      | 1.00     | \$ 4,287.39  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-05     | Site Cleaning and Grubbing                    | m <sup>2</sup>    | \$ 1.34          | 2,080.00 | \$ 2,787.20  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-05.1   | Site Preparation                              | m <sup>2</sup>    | \$ 1.85          | 2,080.00 | \$ 3,848.00  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-05.2   | Cleaning and Grubbing                         | Ls                | \$ 1,900.66      | 1.00     | \$ 1,900.66  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-05.3   | Removal of Roots                              | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-05.4   | Enhancement                                   | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-05.4.1 | Excavated Borrow Fill (3 Layers)              | m <sup>2</sup>    | \$ 6.32          | 1,248.00 | \$ 7,887.36  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-05.4.2 | Field Density Test (95% Compaction)           | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-05.5   | Tarpaulin Removal and Storage                 | m <sup>2</sup>    | \$ 9.24          | 208.00   | \$ 1,921.92  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-07     | Temporary Fence and Guard House               | m <sup>2</sup>    | \$ 14.46         | 100.00   | \$ 1,446.00  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-07.1   | Temporary Fence and Barricades                | m <sup>2</sup>    | \$ 1.45          | 5,550.00 | \$ 8,047.50  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-07.2   | Protective Netting;                           | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-11     | Temporary Project Site Office                 | Ls                | \$ 8,676.00      | 1.00     | \$ 8,676.00  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-11.1   | Contractor's Office w/ Furniture and A/C      | Ls                | \$ 5,205.60      | 1.00     | \$ 5,205.60  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-11.2   | Consultants' Office w/ Furniture and A/C      | Ls                | \$ 5,205.60      | 1.00     | \$ 5,205.60  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-11.3   | Project Manager's Office w/ Furniture and A/C | Ls                | \$ 4,338.00      | 1.00     | \$ 4,338.00  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-11.4   | Conference Room w/ Furniture and A/C          | Ls                | \$ 1,301.40      | 4.00     | \$ 5,205.60  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-11.5   | Toilets                                       | Ls                | \$ 14,460.00     | 1.00     | \$ 14,460.00 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-11.6   | Offices (Off-Site)                            | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12     | Temporary Barracks and Warehouse              | Ls                | \$ 7,230.00      | 1.00     | \$ 7,230.00  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12.1   | Barracks (On-Site)                            | Ls                | \$ 867.60        | 4.00     | \$ 3,470.40  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12.2   | Workers' Toilets                              | Ls                | \$ 14,460.00     | 1.00     | \$ 14,460.00 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12.3   | Stockroom (On-Site)                           | Ls                | \$ 10,845.00     | 1.00     | \$ 10,845.00 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12.4   | Storage Area (On-Site)                        | Ls                | \$ 19,280.00     | 1.00     | \$ 19,280.00 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12.5   | Gates and Fences                              | Ls                | \$ 14,460.00     | 1.00     | \$ 14,460.00 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12.6   | Barracks (Off-Site)                           | Ls                | \$ 21,690.00     | 1.00     | \$ 21,690.00 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12.7   | Stockyards (Off-Site)                         | Ls                | \$ 18,075.00     | 1.00     | \$ 18,075.00 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-12.8   | Storage Areas (Off-Site)                      | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-13     | Temporary Water and Power Supply              | Ls                | \$ 41,230.28     | 1.00     | \$ 41,230.28 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-13.1   | Power   | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-13.2   | Water   | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-13.3   | Telephone                                     | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-13.4   | Internet                                      | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-13.5   | Sewer Tank                                    | Ls                | \$ 2,892.00      | 1.00     | \$ 2,892.00  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-13.6   | Materials Recovery Facility                   | Ls                | \$ 7,230.00      | 1.00     | \$ 7,230.00  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-14     | Environmental Mitigations                     | month             | \$ 968.82        | 24.00    | \$ 23,251.68 |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-14.1   | Hauling and Gathering Disposal                | Ls                | \$ 3,253.50      | 1.00     | \$ 3,253.50  |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-01-14.2   | Transfer or Segregation                       | Ls                |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B02         | <b>SUBSTRUCTURE</b>                           | <b>Sub Total</b>  |                  |          |              |            |           |                  |           |              |           |              |           |                    |           |              |           |  |  |
| B-02-01     | Excavation                                    | m <sup>3</sup>    | \$ 3.94          | 2,181.00 | \$ 8,593.14  | 1,009.18   | -         | \$ 3,976.19      | -         | \$ 12,569.33 | -         | \$ 3,976.19  | -         | \$ 1,009.18        | -         | \$ 3,976.19  | -         |  |  |



AGENCIA DE DESARROLLO NACIONAL, I. P.

## NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL **ICB050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bonsai Surya Cipta Joint Venture Rochin Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dist. - Timor Leste

| Item No                           | Description                    | OWNER ESTIMATION  |                  |            |                 |            |               | VERIFIED BY ADN IP |                 |              |               |               |                 |
|-----------------------------------|--------------------------------|-------------------|------------------|------------|-----------------|------------|---------------|--------------------|-----------------|--------------|---------------|---------------|-----------------|
|                                   |                                | Original Contract |                  |            | Revised         |            |               | Quantity           |                 |              | Revised       |               |                 |
|                                   |                                | Unit              | Unit Price (USD) | Qty        | Cost Amount     | Additional | Deduction     | Unit               | Cost            | Amount       | Additional    | Deduction     | Unit            |
| B-02-02                           | Backfill                       | m³                | \$ 3.18          | 715.00     | \$ 2,273.70     | 921.51     | -             | \$ 2,030.41        | \$ -            | \$ 5,204.11  | 921.51        | -             | \$ 2,930.41     |
| B-02-05                           | Foundation                     |                   |                  |            |                 |            |               |                    |                 |              |               |               |                 |
| B-02-05.1                         | Gravel Bedding                 | m³                | \$ 57.40         | 497.45     | \$ 28,551.63    | 44.66      | -             | \$ 2,563.30        | \$ -            | \$ 31,116.93 | 44.66         | -             | \$ 2,563.30     |
| B-02-05.2                         | Piles                          | m³                | \$ 7413.91       | 301.00     | \$ 2,231,586.91 | 1.00       | \$ 7,413.91   | \$ 2,224,173.00    | -               | \$ 1,00      | \$ -          | \$ 7,413.91   | \$ 2,224,173.00 |
| B-02-05.2.1                       | RC Piles (500mm x 500mm x 25m) | piece             | \$ 7413.91       | 5.00       | \$ 37,069.55    | -          | \$ 7,413.91   | \$ 37,069.55       | -               | \$ 7,413.91  | \$ 37,069.55  | -             | \$ 7,413.91     |
| B-02-05.2.2                       | RC Test Piles                  | piece             | \$ 7413.91       | 1.00       | \$ 7,413.91     | -          | \$ 7,413.91   | \$ 7,413.91        | -               | \$ 7,413.91  | \$ 7,413.91   | -             | \$ 7,413.91     |
| B-02-05.3                         | Lean Concrete (17.5 MPa)       | m³                | \$ 203.12        | 74.00      | \$ 15,030.88    | 37.25      | \$ 7,565.27   | \$ -               | \$ 22,596.15    | 37.25        | \$ 7,565.27   | \$ -          | \$ 22,596.15    |
| B-02-05.3.1                       | Furnworks                      | m³                | \$ 11.00         | 94.00      | \$ 1,034.00     | 31.75      | \$ 349.26     | \$ -               | \$ 1,383.26     | 31.75        | \$ 349.26     | \$ -          | \$ 1,383.26     |
| B-02-05.4                         | Footing                        | m³                | \$ 253.73        | 1,718.00   | \$ 435,908.14   | -          | \$ 213,587.21 | \$ 202,320.93      | -               | \$ 920.61    | \$ -          | \$ 920.61     | \$ 202,320.93   |
| B-02-05.4.1                       | Concrete                       | m³                | \$ 1.66          | 182,570.00 | \$ 302,983.20   | -          | \$ 86,427.95  | \$ 143,470.40      | \$ 159,512.80   | \$ -         | \$ 86,427.95  | \$ 143,470.40 | \$ 159,512.80   |
| B-02-05.4.2                       | Rebars                         | kg                | \$ 11.00         | 553.00     | \$ 6,083.00     | 619.55     | \$ 6,815.00   | \$ -               | \$ 12,988.00    | 619.55       | \$ 6,815.00   | \$ -          | \$ 12,988.00    |
| B-02-05.4.3                       | Furnworks                      | m²                | \$ 253.73        | 231.00     | \$ 58,691.65    | -          | \$ 24,199.43  | \$ 384,471.52      | \$ 2,708,844.05 | \$ -         | \$ 24,199.43  | \$ 384,471.52 | \$ 2,708,844.05 |
| <b>B03</b> <b>UPPER STRUCTURE</b> |                                | <b>Sub Total</b>  |                  |            |                 |            |               | <b>Sub Total</b>   |                 |              |               |               |                 |
| B-03-01                           | Column                         | m³                | \$ 231.73        | 485.00     | \$ 123,059.05   | 49.72      | \$ 12,615.13  | \$ 135,674.18      | \$ 49.72        | \$ -         | \$ 135,674.18 | \$ 49.72      | \$ 135,674.18   |
| B-03-01.1                         | Concrete (28 MPa)              | kr                | \$ 1.66          | 191,797.00 | \$ 318,333.02   | 79,482.28  | \$ 131,940.58 | \$ 450,322.60      | \$ 450,322.60   | \$ -         | \$ 131,940.58 | \$ 450,322.60 | \$ 131,940.58   |
| B-03-01.2                         | Rebars                         | m³                | \$ 11.00         | 3,492.00   | \$ 38,412.00    | 713.27     | \$ 28,945.97  | \$ 46,257.97       | \$ 46,257.97    | \$ -         | \$ 28,945.97  | \$ 46,257.97  | \$ 28,945.97    |
| B-03-01.3                         | Furnworks                      |                   |                  |            |                 |            |               |                    |                 |              |               |               |                 |
| B-03-02                           | Beam                           | m³                | \$ 231.73        | 1,203.00   | \$ 305,237.19   | -          | \$ -          | \$ -               | \$ -            | \$ -         | \$ -          | \$ -          | \$ 305,237.19   |
| B-03-02.1                         | Concrete (28 MPa)              | kr                | \$ 1.66          | 285,887.00 | \$ 474,572.42   | -          | \$ -          | \$ -               | \$ -            | \$ -         | \$ -          | \$ -          | \$ 474,572.42   |
| B-03-02.2                         | Rebars                         | m³                | \$ 11.00         | 6,676.00   | \$ 73,436.00    | -          | \$ -          | \$ -               | \$ -            | \$ -         | \$ -          | \$ -          | \$ 73,436.00    |
| B-03-02.3                         | Furnworks                      |                   |                  |            |                 |            |               |                    |                 |              |               |               |                 |
| B-03-03                           | Slab                           | m²                | \$ 253.73        | 231.00     | \$ 58,691.63    | -          | \$ -          | \$ -               | \$ -            | \$ -         | \$ -          | \$ -          | \$ 58,691.63    |
| B-03-03.1                         | Slab-on-fill                   |                   |                  |            |                 |            |               |                    |                 |              |               |               |                 |
| B-03-03.1.1                       | (Concrete) (28 MPa)            |                   |                  |            |                 |            |               |                    |                 |              |               |               |                 |



AGÊNCIA DE DESENVOLVIMENTO NACIONAL, L. P.

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**  
**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Benedito Sampaio Cipriano Venerio Ribeiro Pinho Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No     | Description   | Original Contract |                  |            |               |              |           | Owner Estimation |           |               |                |                  |            | VERIFIED BY ADN IP |            |               |              |             |  |
|-------------|---|-------------------|------------------|------------|---------------|--------------|-----------|------------------|-----------|---------------|----------------|------------------|------------|--------------------|------------|---------------|--------------|-------------|--|
|             |   | Quantity          |                  |            | Cost          |              |           | Amount           |           |               | Quantity       |                  |            | Cost               |            |               | Revised      |             |  |
|             |   | Unit              | Unit Price (USD) | Qty        | Cost Amount   | Additional   | Deduction | Additional       | Deduction | Amount        | Unit           | Unit Price (USD) | Qty        | Cost Amount        | Additional | Deduction     | Amount       | Am          |  |
| B-03-03.1.2 | Rebars (includes ramp and stair-on-fl) Suspended Slab Concrete (28 MPa) | kg                | \$ 1.66          | 7,913.00   | \$ 13,135.58  | 9,258.81     | -         | \$ 15,369.62     | \$ -      | \$ 28,505.20  | kg             | \$ 1.66          | 7,913.00   | \$ 13,135.58       | 9,258.81   | \$ 15,369.62  | \$ -         | \$ -        |  |
| B-03-03.2.1 | Rebars Concrete (28 MPa)  | kg                | \$ 1.66          | 65,504.00  | \$ 174,819.97 | 23,752.04    | -         | \$ 177,683.38    | \$ -      | \$ 179,837.82 | kg             | \$ 1.66          | 65,504.00  | \$ 174,819.97      | 23,752.04  | \$ 177,683.38 | \$ -         | \$ -        |  |
| B-03-03.2.2 | Rebars  | kg                | \$ 1.66          | 142,069.44 | \$ 227,523.00 | -            | -         | \$ 227,523.00    | \$ -      | \$ 227,523.00 | kg             | \$ 1.66          | 142,069.44 | \$ 227,523.00      | -          | \$ 227,523.00 | \$ -         | \$ -        |  |
| B-03-03.2.3 | Formworks   | m <sup>2</sup>    | \$ 11.00         | 4,593.00   | \$ 50,523.00  | -            | -         | \$ 50,523.00     | \$ -      | \$ 50,523.00  | m <sup>2</sup> | \$ 11.00         | 4,593.00   | \$ 50,523.00       | -          | \$ 50,523.00  | \$ -         | \$ -        |  |
| B-03-03.3   | Coupling  | m <sup>2</sup>    | \$ 11.00         | 8,626.82   | \$ 93,872.00  | -            | -         | \$ 93,872.00     | \$ -      | \$ 93,872.00  | m <sup>2</sup> | \$ 11.00         | 8,626.82   | \$ 93,872.00       | -          | \$ 93,872.00  | \$ -         | \$ -        |  |
| B-03-03.3.1 | Concrete (28 MPa)   | kg                | \$ 1.66          | 3,703.00   | \$ 6,146.98   | 4,375.80     | -         | \$ 4,375.80      | \$ -      | \$ 13,410.80  | kg             | \$ 1.66          | 3,703.00   | \$ 6,146.98        | 4,375.80   | \$ 13,410.80  | \$ -         | \$ -        |  |
| B-03-03.3.2 | Rebars  | kg                | \$ 1.66          | 3,703.00   | \$ 6,146.98   | 4,375.80     | -         | \$ 4,375.80      | \$ -      | \$ 13,410.80  | kg             | \$ 1.66          | 3,703.00   | \$ 6,146.98        | 4,375.80   | \$ 13,410.80  | \$ -         | \$ -        |  |
| B-03-03.3.3 | Formworks   | m <sup>2</sup>    | \$ 11.00         | 367.00     | \$ 4,037.00   | -            | -         | \$ 4,037.00      | \$ -      | \$ 4,037.00   | m <sup>2</sup> | \$ 11.00         | 367.00     | \$ 4,037.00        | -          | \$ 4,037.00   | \$ -         | \$ -        |  |
| B-03-03.3.4 | Slat(s) (Elevated) Concrete (28 MPa)                                    | m <sup>2</sup>    | \$ 11.00         | 25.00      | \$ 6,341.25   | 4.75         | -         | \$ 6,341.25      | \$ -      | \$ 12,044.00  | kg             | \$ 1.66          | 25.00      | \$ 6,341.25        | 4.75       | \$ 12,044.00  | \$ -         | \$ -        |  |
| B-03-03.4.1 | Ramps   | m <sup>2</sup>    | \$ 11.00         | 170.34     | \$ 1,873.74   | 28.31        | -         | \$ 1,873.74      | \$ -      | \$ 311.37     | m <sup>2</sup> | \$ 11.00         | 170.34     | \$ 1,873.74        | 28.31      | \$ 311.37     | \$ -         | \$ -        |  |
| B-03-03.5.1 | Concrete (28 MPa)   | kg                | \$ 1.66          | 4,363.00   | \$ 7,242.58   | 212.54       | -         | \$ 7,242.58      | \$ -      | \$ 352.81     | kg             | \$ 1.66          | 4,363.00   | \$ 7,242.58        | 212.54     | \$ 352.81     | \$ -         | \$ -        |  |
| B-03-03.5.2 | Rebars  | kg                | \$ 1.66          | 11,00      | \$ 17,034.00  | 2,687.35     | -         | \$ 17,034.00     | \$ -      | \$ 7,547.25   | kg             | \$ 1.66          | 11,00      | \$ 17,034.00       | 2,687.35   | \$ 7,547.25   | \$ 4,75      | \$ 1,204.00 |  |
| B-03-03.5.3 | Formworks   | m <sup>2</sup>    | \$ 11.00         | 417.00     | \$ 4,587.00   | -            | -         | \$ 4,587.00      | \$ -      | \$ 2,185.11   | m <sup>2</sup> | \$ 11.00         | 417.00     | \$ 4,587.00        | -          | \$ 2,185.11   | \$ 28.31     | \$ -        |  |
| B-03-03.6.1 | Generator Pad Concrete (28 MPa)   | kg                | \$ 1.66          | 233.73     | \$ 12.00      | 3,044.76     | -         | \$ 12.00         | \$ -      | \$ 3,044.76   | kg             | \$ 1.66          | 233.73     | \$ 12.00           | 3,044.76   | \$ 12.00      | \$ -         | \$ -        |  |
| B-03-03.6.2 | Rebars  | kg                | \$ 1.66          | 587.00     | \$ 974.42     | -            | -         | \$ 974.42        | \$ -      | \$ 974.42     | kg             | \$ 1.66          | 587.00     | \$ 974.42          | -          | \$ 974.42     | \$ -         | \$ -        |  |
| B-03-04     | Pumphouse   | m <sup>2</sup>    | \$ 11.00         | 133.00     | \$ 31,746.00  | 3.01         | -         | \$ 31,746.00     | \$ -      | \$ 34,508.80  | m <sup>2</sup> | \$ 11.00         | 133.00     | \$ 31,746.00       | 3.01       | \$ 34,508.80  | \$ 3.01      | \$ -        |  |
| B-03-04.1   | Concrete  | kg                | \$ 1.66          | 9,640.00   | \$ 16,002.40  | 265.61       | -         | \$ 16,002.40     | \$ -      | \$ 440.91     | kg             | \$ 1.66          | 9,640.00   | \$ 16,002.40       | 265.61     | \$ 440.91     | \$ -         | \$ -        |  |
| B-03-04.2   | Rebars  | kg                | \$ 1.66          | 740.24     | \$ 8,142.64   | 35.61        | -         | \$ 8,142.64      | \$ -      | \$ 391.73     | kg             | \$ 1.66          | 740.24     | \$ 8,142.64        | 35.61      | \$ 391.73     | \$ -         | \$ -        |  |
| B-03-04.3   | Formworks   | m <sup>2</sup>    | \$ 11.00         | 329.78     | \$ 3,627.58   | -            | -         | \$ 3,627.58      | \$ -      | \$ 3,627.58   | m <sup>2</sup> | \$ 11.00         | 329.78     | \$ 3,627.58        | -          | \$ 3,627.58   | \$ -         | \$ -        |  |
| B-03-04.4   | Fire and Domestic Water Cistem  | m <sup>2</sup>    | \$ 11.00         | 70.00      | \$ 17,761.10  | 2,479.04     | -         | \$ 17,761.10     | \$ -      | \$ 17,761.10  | m <sup>2</sup> | \$ 11.00         | 70.00      | \$ 17,761.10       | 2,479.04   | \$ 17,761.10  | \$ -         | \$ -        |  |
| B-03-04.5   | Concrete  | kg                | \$ 1.66          | 14,144.00  | \$ 23,479.04  | -            | -         | \$ 23,479.04     | \$ -      | \$ 23,479.04  | kg             | \$ 1.66          | 14,144.00  | \$ 23,479.04       | -          | \$ 23,479.04  | \$ -         | \$ -        |  |
| B-03-05.1   | Rebars  | kg                | \$ 1.66          | 14,144.00  | \$ 23,479.04  | -            | -         | \$ 23,479.04     | \$ -      | \$ 23,479.04  | kg             | \$ 1.66          | 14,144.00  | \$ 23,479.04       | -          | \$ 23,479.04  | \$ -         | \$ -        |  |
| B-03-05.2   | Formworks   | m <sup>2</sup>    | \$ 11.00         | 329.78     | \$ 3,627.58   | -            | -         | \$ 3,627.58      | \$ -      | \$ 3,627.58   | m <sup>2</sup> | \$ 11.00         | 329.78     | \$ 3,627.58        | -          | \$ 3,627.58   | \$ -         | \$ -        |  |
| B-03-06     | Metal Works   | kg                | \$ 3.81          | 53,136.00  | \$ 202,448.16 | -            | -         | \$ 202,448.16    | \$ -      | \$ 51,136.00  | kg             | \$ 3.81          | 53,136.00  | \$ 202,448.16      | -          | \$ 51,136.00  | \$ -         | \$ -        |  |
| B-03-06.1   | Structural Steel (24.8 Mpa)   | kg                | \$ 3.81          | 37,289.16  | \$ 142,071.70 | -            | -         | \$ 142,071.70    | \$ -      | \$ 37,289.16  | kg             | \$ 3.81          | 37,289.16  | \$ 142,071.70      | -          | \$ 37,289.16  | \$ -         | \$ -        |  |
| B-03-06.2   | Purlins LC (200x75x0x2.5)   | kg                | \$ 2,636.02      | 1.00       | \$ 2,636.02   | -            | -         | \$ 2,636.02      | \$ -      | \$ 1,00       | kg             | \$ 2,636.02      | 1.00       | \$ 2,636.02        | -          | \$ 1,00       | \$ -         | \$ -        |  |
| B-03-06.3   | Concrete  | m <sup>2</sup>    | \$ 20.95         | 64.00      | \$ 1,340.80   | -            | -         | \$ 1,340.80      | \$ -      | \$ 1,340.80   | m <sup>2</sup> | \$ 20.95         | 64.00      | \$ 1,340.80        | -          | \$ 1,340.80   | \$ -         | \$ -        |  |
| B-03-07     | Turbuckles (12mm dia)   | kg                | \$ 149.37        | 10.00      | \$ 1,493.70   | -            | -         | \$ 1,493.70      | \$ -      | \$ 1,493.70   | kg             | \$ 149.37        | 10.00      | \$ 1,493.70        | -          | \$ 1,493.70   | \$ -         | \$ -        |  |
| B-03-07.1   | Base Plates (25mm thick)  | kg                | \$ 807           | 236.00     | \$ 1,904.52   | -            | -         | \$ 1,904.52      | \$ -      | \$ 236.00     | kg             | \$ 807           | 236.00     | \$ 1,904.52        | -          | \$ 236.00     | \$ -         | \$ -        |  |
| B-03-07.2   | Painting with Epoxy Primer  | kg                | \$ 3.81          | 1,043.00   | \$ 3,973.83   | -            | -         | \$ 3,973.83      | \$ -      | \$ 3,973.83   | kg             | \$ 3.81          | 1,043.00   | \$ 3,973.83        | -          | \$ 3,973.83   | \$ -         | \$ -        |  |
| B-03-07.3   | Anchor Bolts (25mm X 500mmx50mm)  | kg                | \$ 3.81          | -          | \$ 222,254.30 | -            | -         | \$ 222,254.30    | \$ -      | \$ 222,254.30 | kg             | \$ 3.81          | -          | \$ 222,254.30      | \$ -       | \$ 222,254.30 | \$ -         | \$ -        |  |
| B-03-07.4   | Metal Stair   | kg                | \$ 3.81          | -          | \$ 222,254.30 | -            | -         | \$ 222,254.30    | \$ -      | \$ 222,254.30 | kg             | \$ 3.81          | -          | \$ 222,254.30      | \$ -       | \$ 222,254.30 | \$ -         | \$ -        |  |
| B-03-07.5   | Sub Total   |                   |                  |            | \$ 351,894.90 | \$ 2,112,136 |           |                  |           | \$ 2,112,136  |                |                  |            |                    |            | \$ 351,894.90 | \$ 2,112,136 |             |  |
| B-03-07.6   | WALL  |                   |                  |            |               |              |           |                  |           |               |                |                  |            |                    |            |               |              |             |  |
| B-03-07.7   | Concrete (Batako), Hebel Light Brick, And Brick Wall                    |                   |                  |            |               |              |           |                  |           |               |                |                  |            |                    |            |               |              |             |  |
| B-04-01     |   |                   |                  |            |               |              |           |                  |           |               |                |                  |            |                    |            |               |              |             |  |

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**  
**HCB/05/2022**

**Project Name**: New Construction of Pediatric And ICU Building of The Guillio Valadares National Hospital [CB 1650 MOH-2022]  
**Project Owner**: Guillio Valadares National Hospital  
**Consultant**: P.T. Binaan Syariah Cipta Jaya Venture Rachito Plan Consultant, LDA  
**Location**: Guillio Valadares National Hospital, Km. 1 - Tawar Leste

| OWNER ESTIMATION |   |   |                  |             |               |        |           |               |           |               | VERIFIED BY ADN IP |      |            |             |        |               |  |
|------------------|---|---|------------------|-------------|---------------|--------|-----------|---------------|-----------|---------------|--------------------|------|------------|-------------|--------|---------------|--|
| Item No          | Description   | Original Contract   |                  |             |               |        | Revised   |               |           |               |                    | Cost | Additional | Deduction   | Amount |               |  |
|                  |   | Quantity  |                  | Cost        |               | Cost   | Quantity  |               | Cost      |               | Cost               |      |            |             |        |               |  |
|                  |   | Unit  | Unit Price (USD) | Qty         | Cost Amount   | Amt    | Deduction | Additional    | Deduction | Additional    | Cost               |      |            |             |        |               |  |
| B-04-01.1        | Masonry Work  | m <sup>2</sup>  | \$ 35.26         | \$ 3,595.00 | \$ 126,759.70 |        |           |               |           |               | \$ 126,759.70      |      |            | \$ 1,395.10 | \$ -   | \$ 126,759.70 |  |
| B-04-01.1.1      | 150mm CHB with Lintel Beams and Stifferener Columns                             | m <sup>2</sup>  | \$ 50.33         | \$ 1,800.00 | \$ 90,594.00  |        |           |               |           |               | \$ 90,594.00       |      |            | \$ 1,801.00 | \$ -   | \$ 90,594.00  |  |
| B-04-01.1.2      | 150mm CHB with Lintel Beams and Stifferener Columns                             | m <sup>2</sup>  | \$ 56.37         | \$ 56.00    | \$ 3,156.72   |        |           |               |           |               | \$ 3,156.72        |      |            |             |        |               |  |
| B-04-03          | Curtain Walls   | Curtain Walls at Scenic Elevators, 12.5mm Glass, on Powdercoated Aluminum       |                  |             |               |        | set       | \$ 9,039.45   | 2         | \$ 18,078.90  |                    |      |            |             |        |               |  |
| B05              | DOORS AND WINDOWS   | Sub Total   |                  |             |               |        |           | \$ 238,519.32 |           | \$ 235,432.60 | \$ 3,156.72        |      |            |             |        |               |  |
| B-05-01          | Doors and Windows   | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets |                  |             |               |        | set       | \$ 1,130.96   | 4.00      | \$ 4,523.84   |                    |      |            |             |        |               |  |
| B-05-01.1        | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 1,257.83      | 3.100       | \$ 3,892.73   |        |           |               |           |               | \$ 2,261.92        |      |            |             |        |               |  |
| B-05-01.1.2      | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 1,149.86      | 3.00        | \$ 3,449.58   |        |           |               |           |               | \$ 28,746.30       |      |            |             |        |               |  |
| B-05-01.1.3      | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 776.02        | 1.00        | \$ 776.02     |        |           |               |           |               | \$ 32,196.08       |      |            |             |        |               |  |
| B-05-01.1.4      | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 595.17        | 3.600       | \$ 2,142.61   |        |           |               |           |               | \$ 1,522.04        |      |            |             |        |               |  |
| B-05-01.1.5      | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 606.17        | 4.00        | \$ 2,424.68   |        |           |               |           |               | \$ 2,380.68        |      |            |             |        |               |  |
| B-05-01.1.6      | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 614.07        | 1.00        | \$ 614.07     |        |           |               |           |               | \$ 3,571.02        |      |            |             |        |               |  |
| B-05-01.1.7      | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 484.24        | 1.600       | \$ 774.78     |        |           |               |           |               | \$ 614.07          |      |            |             |        |               |  |
| B-05-01.1.8      | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 504.48        | 2.000       | \$ 10,089.60  |        |           |               |           |               | \$ 6,799.36        |      |            |             |        |               |  |
| B-05-01.1.9      | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 438.89        | 4.800       | \$ 21,069.72  |        |           |               |           |               | \$ 504.48          |      |            |             |        |               |  |
| B-05-01.1.10     | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 574.93        | 18.00       | \$ 10,348.74  |        |           |               |           |               | \$ 21,069.72       |      |            |             |        |               |  |
| B-05-01.1.11     | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 416.49        | 36.00       | \$ 14,939.64  |        |           |               |           |               | \$ 12,648.46       |      |            |             |        |               |  |
| B-05-01.1.12     | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 175.45        | 41.00       | \$ 7,191.45   |        |           |               |           |               | \$ 6,663.84        |      |            |             |        |               |  |
| B-05-01.1.13     | Doors, Pre-painted, Steel, with Steel Jamb, Stainless Steel Hinges and Locksets | set   | \$ 175.45        | 41.00       | \$ 7,191.45   |        |           |               |           |               | \$ 8,329.80        |      |            |             |        |               |  |
| B-05-01.2        | Windows, 6.5mm Thick Clear Glass, Powdercoated White, Aluminum Frame            | Sub Total   |                  |             |               |        |           | \$ -          |           | \$ -          | \$ 71,913.45       |      |            |             |        |               |  |
| B-05-01.2.1      | Windows, 6.5mm Thick Clear Glass, Powdercoated White, Aluminum Frame            | set   | \$ 148.32        | 174.00      | \$ 25,807.68  |        |           |               |           |               | \$ 11,272.32       |      |            |             |        |               |  |
| B-05-01.2.2      | Windows, 6.5mm Thick Clear Glass, Powdercoated White, Aluminum Frame            | set   | \$ 399.62        | 78.00       | \$ 31,170.36  |        |           |               |           |               | \$ 14,535.16       |      |            |             |        |               |  |
| B-05-01.2.3      | Windows, 6.5mm Thick Clear Glass, Powdercoated White, Aluminum Frame            | set   | \$ 250.00        | 113.00      | \$ 28,250.00  |        |           |               |           |               | \$ 30,770.74       |      |            |             |        |               |  |
| B-05-01.2.4      | Windows, 6.5mm Thick Clear Glass, Powdercoated White, Aluminum Frame            | set   | \$ 275.67        | 7.00        | \$ 1,929.69   | 1.00   |           |               |           |               | \$ 750.00          |      |            |             |        |               |  |
| B-05-03          | Cabinets and Counters   | Sub Total   |                  |             |               |        |           | \$ 275.67     |           | \$ -          | \$ 2,150.00        |      |            |             |        |               |  |
| B-05-03.1        | Cabinets and Counters   | M   | S                | I           | 109.00        | 132.45 | S         | 14,437.05     |           | S             |                    |      |            |             |        |               |  |
| B-05-03.2        | Cabinets and Counters   | M   | N                | S           | 97.00         | 5.10   | S         | 494.70        |           | S             |                    |      |            |             |        |               |  |
| B-05-03.3        | Cabinets and Counters   | M   | N                | S           | 165.55        | 1.00   | S         | 13,384.72     |           | S             |                    |      |            |             |        |               |  |
| B-05-03.4        | Cabinets and Counters   | M   | N                | S           | 296.11        | 15.90  | S         | 4,708.15      |           | S             |                    |      |            |             |        |               |  |
| B-05-03.5        | Cabinets and Counters   | M   | N                | S           | 17,172.73     | 10.25  | S         | 1,816.61      |           | S             |                    |      |            |             |        |               |  |
| B-05-03.6        | Cabinets and Counters   | M   | N                | S           | 240.57        | 72.00  | S         | 17,321.04     |           | S             |                    |      |            |             |        |               |  |
| B-05-03.7        | Cabinets and Counters   | M   | N                | S           | 2,330.50      | 11.00  | S         | 27,835.50     |           | S             |                    |      |            |             |        |               |  |
| B-05-03.8        | Cabinets and Counters   | M   | N                | S           | 220.80        | 5.05   | S         | 1,165.54      |           | S             |                    |      |            |             |        |               |  |
| B-05-03.9        | Cabinets and Counters   | M   | N                | S           | 206.10        | 1.00   | S         | 506.10        |           | S             |                    |      |            |             |        |               |  |
| B-05-03.10       | Cabinets and Counters   | M   | N                | S           | 246.67        | 5.65   | S         | 1,404.99      |           | S             |                    |      |            |             |        |               |  |
| B06              | CEILING FINISHES  | Sub Total   |                  |             |               |        |           | \$ 315,025.59 |           | \$ 34,983.07  | \$ 52,687.30       |      |            |             |        |               |  |
| B-06-01          | Ceiling   | Ceiling (4.5mm Film Board on GI Furring)  |                  |             |               |        |           |               |           |               |                    |      |            |             |        |               |  |
| B-06-01.1        | Ceiling   | Ceiling (6.0mm PVC Boards on Alum. T-Ramers, Powder, White)                     |                  |             |               |        |           |               |           |               |                    |      |            |             |        |               |  |
| B-06-01.2        | FLOOR FINISHES  | Sub Total   |                  |             |               |        |           | \$ 141,928.78 |           | \$ -          | \$ -               |      |            |             |        |               |  |
| B07              | Floor   | Sub Total   |                  |             |               |        |           | \$ 25,432.60  |           | \$ -          | \$ -               |      |            |             |        |               |  |
| B-07-01          | Floor   | Sub Total   |                  |             |               |        |           | \$ 51,687.30  |           | \$ -          | \$ -               |      |            |             |        |               |  |

# NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL

## ICB050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bernalin Syura Cipta Joint Venture Raciño Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No                     | Description   | OWNER ESTIMATION     |                  |                 |                     |                     |                     | VERIFIED BY ADN IP |                     |             |                     |                     |                     |
|-----------------------------|---|----------------------|------------------|-----------------|---------------------|---------------------|---------------------|--------------------|---------------------|-------------|---------------------|---------------------|---------------------|
|                             |   | Original Contract    |                  |                 | Revised             |                     |                     | Quantity           |                     |             | Cost                |                     |                     |
|                             |   | Unit                 | Unit Price (USD) | Qty             | Cost Amount         | Additional          | Deduction           | Amount             | Additional          | Deduction   | Cost                | Additional          | Deduction           |
| B-07-01.1                   | Tilework  | m <sup>2</sup>       | \$ 22.44         | 4,300.00        | \$ 96,402.00        | -                   | -                   | \$ -               | -                   | -           | \$ 96,022.00        | -                   | -                   |
| B-07-01.1.1                 | 600x600mm Homogeneous Tile Flooring   | m <sup>2</sup>       | \$ 27.54         | 225.00          | \$ 6,196.50         | -                   | -                   | \$ -               | -                   | -           | \$ 6,196.50         | -                   | -                   |
| B-07-01.1.2                 | 300x300mm Homogeneous Tiles, Stair & Landing, Flooring  | m <sup>2</sup>       | \$ 68.69         | 448.00          | \$ 30,733.12        | -                   | -                   | \$ -               | -                   | -           | \$ 30,733.12        | -                   | -                   |
| B-07-01.1.3                 | Ramp Non-Slip Rubber Tiles  | m <sup>2</sup>       | \$ 19.00         | 180.00          | \$ 3,420.00         | -                   | -                   | \$ -               | -                   | -           | \$ 3,420.00         | -                   | -                   |
| B-07-01.1.4                 | Driveway Pavés  | m <sup>2</sup>       | \$ 22.44         | 83.00           | \$ 1,862.52         | -                   | -                   | \$ -               | -                   | -           | \$ 1,862.52         | -                   | -                   |
| B-07-01.1.5                 | 600x600mm Homogeneous Balcony Flooring  | m <sup>2</sup>       | \$ 27.54         | 916.00          | \$ 25,774.44        | -                   | -                   | \$ -               | -                   | -           | \$ 25,774.44        | -                   | -                   |
| B-07-01.1.6                 | Toilet, Jan Cln, Waste Felling Wall Tiles, up to Ceiling  | m <sup>2</sup>       | \$ 29.52         | 55.00           | \$ 1,623.60         | -                   | -                   | \$ -               | -                   | -           | \$ 1,623.60         | -                   | -                   |
| B-07-01.2.1                 | Vinyl   | m <sup>2</sup>       | \$ 14.46         | 86.40           | \$ 1,249.34         | -                   | -                   | \$ -               | -                   | -           | \$ 1,249.34         | -                   | -                   |
| B-07-01.3                   | Nan-Satin Sheet Vinyl, 2mm, Homogeneous Accents   | m <sup>2</sup>       | \$               |                 | \$ 167,394.52       | -                   | -                   | \$ -               | -                   | -           | \$ 167,394.52       | -                   | -                   |
| B-07-01.3.1                 | PVC Tarpaulin with Weatherproof Paint, Counter Accents  | m <sup>2</sup>       | \$               |                 | \$ 52,313.84        | -                   | -                   | \$ -               | -                   | -           | \$ 52,313.84        | -                   | -                   |
| <b>B08 ROOF</b>             | <b>Roofing Sheets Long-Span, Pre-Painted, Three-Tone, Sile Design, 1.5mm</b>  | <b>m<sup>2</sup></b> | <b>\$ 48.26</b>  | <b>1,084.00</b> | <b>\$ 52,313.84</b> | <b>-</b>            | <b>-</b>            | <b>\$ -</b>        | <b>-</b>            | <b>-</b>    | <b>\$ 52,313.84</b> | <b>-</b>            | <b>-</b>            |
| B-08-01                     | Asphalt, Shingle Roofing, Dark Gray, Above Skylight   | m <sup>2</sup>       | \$ 55.83         | 480.00          | \$ 26,798.40        | -                   | -                   | \$ -               | -                   | -           | \$ 26,798.40        | -                   | -                   |
| B-08-02                     | Insulation  | m <sup>2</sup>       | \$ 3.07          | 1,084.00        | \$ 3,327.38         | -                   | -                   | \$ -               | -                   | -           | \$ 3,327.38         | -                   | -                   |
| B-08-03                     | Eaves and Vents   | m <sup>2</sup>       | \$ 40.20         | 166.00          | \$ 6,673.20         | -                   | -                   | \$ -               | -                   | -           | \$ 6,673.20         | -                   | -                   |
| B-08-04                     | End Caps  | M                    | \$ 16.20         | 138.00          | \$ 2,235.60         | -                   | -                   | \$ -               | -                   | -           | \$ 2,235.60         | -                   | -                   |
| <b>B09 FINISHING WORKS</b>  | <b>Sub Total</b>  |                      |                  |                 | <b>\$ 91,348.92</b> |                     |                     | <b>\$ -</b>        | <b>\$ 91,348.92</b> | <b>\$ -</b> | <b>\$ -</b>         | <b>\$ 91,348.92</b> | <b>\$ -</b>         |
| B-09-01                     | Paints, Furnish   | m <sup>2</sup>       | \$ 9.71          | 1,800.00        | \$ 17,476.00        | -                   | -                   | \$ 1,485.98        | -                   | -           | \$ 14,428.9         | -                   | -                   |
| B-09-01.1                   | Exterior Paints   | m <sup>2</sup>       | \$ 10.67         | 8,920.00        | \$ 95,923.50        | 314.02              | -                   | \$ 3,350.56        | -                   | -           | \$ 99,273.6         | 314.02              | -                   |
| B-09-01.2                   | Interior Paints   | m <sup>2</sup>       | \$ 8.66          | 3,614.00        | \$ 31,297.24        | -                   | -                   | \$ -               | -                   | -           | \$ 31,297.24        | -                   | -                   |
| B-09-01.2.1                 | Walls   | lot                  | \$ 7.20          | 1,000           | \$ 12,300.00        | -                   | -                   | \$ -               | -                   | -           | \$ 12,300.00        | -                   | -                   |
| B-09-01.2.2                 | Ceilings  | lot                  | \$ 12,050.00     | 1,000           | \$ 12,050.00        | -                   | -                   | \$ -               | -                   | -           | \$ 12,050.00        | -                   | -                   |
| B-09-01.2.3                 | Metalwork   |                      |                  |                 |                     |                     |                     |                    |                     |             |                     |                     |                     |
| B-09-01.2.4                 | Counters and Cabinets   |                      |                  |                 |                     |                     |                     |                    |                     |             |                     |                     |                     |
| B-09-02                     | Metal Works   |                      |                  |                 |                     |                     |                     |                    |                     |             |                     |                     |                     |
| B-09-02.1                   | Louvers   | set                  | \$ 33.98         | 467.00          | \$ 25,208.66        | -                   | -                   | \$ -               | -                   | -           | \$ 25,208.66        | -                   | -                   |
| B-09-02.1.1                 | AI Walls  | set                  | \$ 33.98         | 267.00          | \$ 14,412.66        | -                   | -                   | \$ -               | -                   | -           | \$ 14,412.66        | -                   | -                   |
| B-09-02.1.2                 | AI Stairs   | set                  | \$ 33.98         | 572.00          | \$ 30,876.56        | -                   | -                   | \$ -               | -                   | -           | \$ 30,876.56        | -                   | -                   |
| B-09-02.1.3                 | AI Ramp   | set                  | \$ 397.53        | 15.00           | \$ 5,962.95         | -                   | -                   | \$ -               | -                   | -           | \$ 5,962.95         | -                   | -                   |
| B-09-02.2.1                 | PWD Railings  | set                  | \$ 15,901.18     | 4.00            | \$ 63,604.72        | -                   | -                   | \$ -               | -                   | -           | \$ 63,604.72        | -                   | -                   |
| B-09-02.2.2                 | Sair Railings   | set                  | \$ 15,503.65     | 4.00            | \$ 62,014.60        | -                   | -                   | \$ -               | -                   | -           | \$ 62,014.60        | -                   | -                   |
| B-09-02.2.3                 | Ramp Railings   | set                  | \$ 1,180.17      | 16.00           | \$ 18,892.72        | -                   | -                   | \$ -               | -                   | -           | \$ 18,892.72        | -                   | -                   |
| B-09-02.2.4                 | Open Well Railings  | set                  | \$ 10,812.80     | 1.00            | \$ 10,812.80        | -                   | -                   | \$ -               | -                   | -           | \$ 10,812.80        | -                   | -                   |
| B-09-02.2.5                 | Staircase Guards  | M                    | \$ 192.12        | 110.00          | \$ 21,133.20        | -                   | -                   | \$ -               | -                   | -           | \$ 21,133.20        | -                   | -                   |
| B-09-02.2.6                 | Stairs  | set                  | \$ 8,763.81      | 1.00            | \$ 8,763.81         | -                   | -                   | \$ -               | -                   | -           | \$ 8,763.81         | -                   | -                   |
| B-09-02.2.7                 | Metal Stairs to Machine Room  | M                    | \$ 26.99         | 673.20          | \$ 18,169.67        | -                   | -                   | \$ -               | -                   | -           | \$ 18,169.67        | -                   | -                   |
| B-09-02.2.8                 | Downspout Enclosures  | set                  | \$               |                 | \$ 43,920.39        |                     |                     | \$ -               |                     |             | \$ 43,920.39        |                     |                     |
| <b>B10 MECHANICAL WORKS</b> | <b>Sub Total</b>  |                      |                  |                 | <b>\$ 3,350.56</b>  | <b>\$ 84,926.77</b> | <b>\$ 36,244.67</b> |                    |                     |             | <b>\$ 3,350.56</b>  | <b>\$ 84,926.77</b> | <b>\$ 36,244.67</b> |
| B-10-01                     | Diesel Generating Sets  | sct                  | \$ 141,761.98    | 1.00            | \$ 141,761.98       | -                   | -                   | \$ -               | -                   | -           | \$ 141,761.98       | -                   | -                   |
| B-10-01.1                   | 750 KVA Diesel engine generator enclosed type complete with muffler, exhaust pipe, pipe insulation and aluminum cladding, pipe brackets and hangers | sct                  | \$ 7,777.74      | 1.00            | \$ 7,777.74         | 1.00                | -                   | \$ -               | -                   | -           | \$ 15,553.48        | 1.00                | \$ 7,777.74         |
| B-10-01.2                   | Sound Attenuator for engine radiator exhaust  | sct                  |                  |                 |                     |                     |                     |                    |                     |             |                     |                     |                     |

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**

**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valdáres National Hospital  
 Project Owner : Guido Valdáres National Hospital  
 Consultant : PT Binaan Surya Cipta Jaya Venice Radian Plan Consultant, LDA  
 Location : Guido Valdáres National Hospital Dili - Timor Leste

| Item No     | Description  | OWNER ESTIMATION  |                  |       |              |            |           | VERIFIED BY ADN IP |           |              |            |              |        |
|-------------|--|-------------------|------------------|-------|--------------|------------|-----------|--------------------|-----------|--------------|------------|--------------|--------|
|             |  | Original Contract |                  |       | Revised      |            |           | Quantity           |           |              | Cost       |              |        |
|             |  | Unit              | Unit Price (USD) | Qty   | Cost Amount  | Additional | Deduction | Additional         | Deduction | Amount       | Additional | Deduction    | Amount |
| B-10-01.3   | Fuel tank, steel, 5 cu. meter capacity with concrete saddle, manhole and tank fittings   | set               | \$ 10,796.80     | 1.00  | \$ 10,796.80 | -          | -         | \$ 1,619.52        | \$ -      | \$ 10,796.80 | -          | \$ 3,239.04  | \$ -   |
| B-10-01.4   | Fuel day tank, steel, 0.42 cu. meter capacity  | set               | \$ 1,619.52      | 1.00  | \$ 1,619.52  | 1.00       | -         | \$ 1,619.52        | \$ -      | \$ 1,619.52  | 1.00       | \$ 1,619.52  | \$ -   |
| B-10-01.5   | Fuel oil piping, B1.5 Schedule B0, seamless ASTM A53, 25 mm dia  | M                 | \$ 8.77          | 24.00 | \$ 210.48    | 50.00      | -         | \$ 438.50          | \$ -      | \$ 648.98    | 50.00      | \$ 438.50    | \$ -   |
| B-10-01.6   | Pipe hangers and supports  | lot               | \$ 404.88        | 1.00  | \$ 404.88    | 1.00       | -         | \$ 404.88          | \$ -      | \$ 809.76    | 1.00       | \$ 404.88    | \$ -   |
| B-10-02     | Transformers   |                   |                  |       |              |            |           |                    |           |              |            |              |        |
| B-10-02.1   | Transformer, 1000 kVA, 380-240VAC, 3-Phase, 60 Hz, Compartmental Type, Pad-mounted, with complete accessories, Outdoor Type  | set               | \$ 36,142.29     | 1.00  | \$ 36,142.29 | 1.00       | -         | \$ 36,142.29       | \$ -      | \$ 36,142.29 | 1.00       | \$ 36,142.29 | \$ -   |
| B-10-02.2   | Protective Cage, Cyclone Wire Mesh Type  | Ls                | \$ 809.76        | 1.00  | \$ 809.76    | 1.00       | -         | \$ 809.76          | \$ -      | \$ 809.76    | 1.00       | \$ 809.76    | \$ -   |
| B-10-02.3   | Connection Accessories   | Ls                | \$ 1,079.68      | 1.00  | \$ 1,079.68  | 1.00       | -         | \$ 1,079.68        | \$ -      | \$ 1,079.68  | 1.00       | \$ 1,079.68  | \$ -   |
| B-10-02.4   | Switchgear, 3-Phase Enclosed Load Interrupter Switch, rated at 16 KV, complete with Nema 3R Enclosure  | set               | \$ 26,668.10     | 1.00  | \$ 26,668.10 | 1.00       | -         | \$ 26,668.10       | \$ -      | \$ 26,668.10 | 1.00       | \$ 26,668.10 | \$ -   |
| B-10-03     | Uninterruptible Power Supply (UPS)   |                   |                  |       |              |            |           |                    |           |              |            |              |        |
| B-10-03.1   | 2.4kVA rackmount Uninterruptible Power Supply (UPS) for server rack  | piece             | \$ 4,579.00      | 1.00  | \$ 4,579.00  | -          | -         | \$ 4,579.00        | \$ -      | \$ 4,579.00  | -          | \$ 4,579.00  | \$ -   |
| B-10-03.2   | Ground labor and services incl. Roughing-in materials for Structured cabling system  | lot               | \$ 549.48        | 1.00  | \$ 549.48    | -          | -         | \$ 549.48          | \$ -      | \$ 549.48    | -          | \$ 549.48    | \$ -   |
| B-10-04     | Air Conditioning (AC)  |                   |                  |       |              |            |           |                    |           |              |            |              |        |
| B-10-04.1   | FCU-1, Ceiling Concealed Ducted Type, 5 Ton of refrigeration (60,000 BTU/Hr) cooling capacity at 45 mm ESP, connected to ACCU-1 with 380 v, 3 ph-60 Hz motor, including isolation breaker, control wires, conduits, Refrigerant pipes with insulation, pipe hangers, supports, wall steel brackets for ACCU, complete with front charging, start-up and commissioning. | set               | \$ 7,422.80      | 1.00  | \$ 7,422.80  | -          | -         | \$ 7,422.80        | \$ -      | \$ 7,422.80  | -          | \$ 7,422.80  | \$ -   |
| B-10-04.1.1 | Circuit Breaker  |                   |                  |       |              |            |           |                    |           |              |            |              |        |
| B-10-04.1.2 | Wiring and Conduits  | piece             | \$ 296.91        | 1.00  | \$ 296.91    | 1.00       | -         | \$ 296.91          | \$ -      | \$ 296.91    | 1.00       | \$ 296.91    | \$ -   |
| B-10-04.1.3 | Refrigerant pipes and insulation   | lot               | \$ 404.88        | 1.00  | \$ 404.88    | 1.00       | -         | \$ 404.88          | \$ -      | \$ 404.88    | 1.00       | \$ 404.88    | \$ -   |
| B-10-04.1.4 | Hangers, supports, steel base for ACCU   | M                 | \$ 40.89         | 25.00 | \$ 1,012.25  | 25.00      | -         | \$ 1,012.25        | \$ -      | \$ 1,012.25  | 25.00      | \$ 1,012.25  | \$ -   |
| B-10-04.1.5 | Drain Pipes and insulation   | lot               | \$ 269.92        | 1.00  | \$ 269.92    | 1.00       | -         | \$ 269.92          | \$ -      | \$ 269.92    | 1.00       | \$ 269.92    | \$ -   |
| B-10-04.1.6 | Front Charging, start-up and commissioning   | M                 | \$ 1,330.00      | 8.00  | \$ 10,640.00 | 8.00       | -         | \$ 10,640.00       | \$ -      | \$ 10,640.00 | 8.00       | \$ 10,640.00 | \$ -   |
| B-10-04.2   | FCU-2, Inverter type Wall mounted, 0.75 Ton of refrigeration (60,000 BTU/Hr) cooling capacity, connected to ACCU-2 with 230 v, 3 ph-60 Hz motor, including isolation breaker, control wires, conduits, Refrigerant pipes with insulation, pipe hangers, supports, wall steel brackets for ACCU, complete with front charging, start-up and commissioning               | set               | \$ 485.86        | 7.00  | \$ 3,401.02  | 7.00       | -         | \$ 3,401.02        | \$ -      | \$ 3,401.02  | 7.00       | \$ 3,401.02  | \$ -   |
| B-10-04.2.1 | Circuit Breaker  |                   |                  |       |              |            |           |                    |           |              |            |              |        |
| B-10-04.2.2 | Wiring and Conduits  | piece             | \$ 296.91        | 1.00  | \$ 296.91    | 1.00       | -         | \$ 296.91          | \$ -      | \$ 296.91    | 1.00       | \$ 296.91    | \$ -   |
| B-10-04.2.3 | Refrigerant pipes and insulation   | lot               | \$ 404.88        | 1.00  | \$ 404.88    | 1.00       | -         | \$ 404.88          | \$ -      | \$ 404.88    | 1.00       | \$ 404.88    | \$ -   |
| B-10-04.2.4 | Hangers, supports, steel base for ACCU   | M                 | \$ 40.89         | 25.00 | \$ 1,012.25  | 25.00      | -         | \$ 1,012.25        | \$ -      | \$ 1,012.25  | 25.00      | \$ 1,012.25  | \$ -   |
| B-10-04.2.5 | Drain Pipes and insulation   | lot               | \$ 269.92        | 1.00  | \$ 269.92    | 1.00       | -         | \$ 269.92          | \$ -      | \$ 269.92    | 1.00       | \$ 269.92    | \$ -   |
| B-10-04.2.6 | Front Charging, start-up and commissioning   | M                 | \$ 1,330.00      | 8.00  | \$ 10,640.00 | 8.00       | -         | \$ 10,640.00       | \$ -      | \$ 10,640.00 | 8.00       | \$ 10,640.00 | \$ -   |
| B-10-04.3   | FCU-3, Inverter type Wall mounted, 2 Ton of refrigeration (24,000 BTU/Hr) cooling capacity connected to ACCU-3 with 230 v, 3 ph-60 Hz motor, including isolation breaker, control wires, conduits, Refrigerant pipes   | set               | \$ 1,619.52      | 5.00  | \$ 8,097.60  | 5.00       | -         | \$ 8,097.60        | \$ -      | \$ 8,097.60  | 5.00       | \$ 8,097.60  | \$ -   |
| B-10-04.3.1 | Circuit Breaker  |                   |                  |       |              |            |           |                    |           |              |            |              |        |
| B-10-04.3.2 | Wiring and Conduits  | piece             | \$ 296.91        | 1.00  | \$ 296.91    | 1.00       | -         | \$ 296.91          | \$ -      | \$ 296.91    | 1.00       | \$ 296.91    | \$ -   |
| B-10-04.3.3 | Refrigerant pipes and insulation   | lot               | \$ 404.88        | 1.00  | \$ 404.88    | 1.00       | -         | \$ 404.88          | \$ -      | \$ 404.88    | 1.00       | \$ 404.88    | \$ -   |
| B-10-04.3.4 | Hangers, supports, steel base for ACCU   | M                 | \$ 40.49         | 25.00 | \$ 1,012.25  | 25.00      | -         | \$ 1,012.25        | \$ -      | \$ 1,012.25  | 25.00      | \$ 1,012.25  | \$ -   |

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**

**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadars National Hospital  
 Project Owner : Guido Valadars National Hospital  
 Consultant : PT Branquin Surya Cipta Joint Venture Radias Plan Consultant, LDA  
 Location : Guido Valadars National Hospital, Dili - Timor-Leste

| Item No     | Description   | OWNER ESTIMATION  |                  |       |              |            |           | VERIFIED BY ADN IP |            |           |              |            |              |
|-------------|---|-------------------|------------------|-------|--------------|------------|-----------|--------------------|------------|-----------|--------------|------------|--------------|
|             |   | Original Contract |                  |       | Revised      |            |           | Quantity           |            |           | Cost         |            |              |
|             |   | Unit              | Unit Price (USD) | Qty   | Cost Amount  | Additional | Deduction | Amount             | Additional | Deduction | Amount       | Additional | Deduction    |
| B-10-04.3.4 | Hangers, supports, steel base for ACCU<br>Drain Pipes and insulation<br>From Charging, start-up and commissioning   | Int               | \$ 269.92        | 1.00  | \$ 269.92    | -          | -         | \$ 269.92          | -          | -         | \$ 269.92    | -          | \$ 269.92    |
| B-10-04.3.5 |   | M                 | \$ 13.30         | 8.00  | \$ 108.00    | -          | -         | \$ 108.00          | -          | -         | \$ 108.00    | -          | \$ 108.00    |
| B-10-04.3.6 |   | Int               | \$ 674.80        | 1.00  | \$ 674.80    | -          | -         | \$ 674.80          | -          | -         | \$ 674.80    | -          | \$ 674.80    |
| B-10-04.4   | FCU-4, Ceiling Concealed Ducted type, 5 Tons of refrigeration (60,000 BTU/H) cooling capacity at 20 mm ESP connected to ACCU-4 with 380 v -3-ph-60 Hz motor, including isolation breaker, control wires, conduits,    | set               | \$ 5,398.40      | 12.00 | \$ 64,780.80 | -          | -         | \$ 64,780.80       | -          | -         | \$ 64,780.80 | -          | \$ 64,780.80 |
| B-10-04.4.1 | Circuit Breaker   | piece             | \$ 296.91        | 1.00  | \$ 296.91    | -          | -         | \$ 296.91          | -          | -         | \$ 296.91    | -          | \$ 296.91    |
| B-10-04.4.2 | Wings and Conduits  | Int               | \$ 239.84        | 1.00  | \$ 239.84    | -          | -         | \$ 239.84          | -          | -         | \$ 239.84    | -          | \$ 239.84    |
| B-10-04.4.3 | Refrigerant pipes and insulation  | M                 | \$ 40.49         | 25.00 | \$ 1,012.25  | -          | -         | \$ 1,012.25        | -          | -         | \$ 1,012.25  | -          | \$ 1,012.25  |
| B-10-04.4.4 | Hangers, supports, steel base for ACCU  | Int               | \$ 269.92        | 1.00  | \$ 269.92    | -          | -         | \$ 269.92          | -          | -         | \$ 269.92    | -          | \$ 269.92    |
| B-10-04.4.5 | Drain Pipes and insulation  | M                 | \$ 13.30         | 8.00  | \$ 108.00    | -          | -         | \$ 108.00          | -          | -         | \$ 108.00    | -          | \$ 108.00    |
| B-10-04.4.6 | Franç Charging, start-up and commissioning  | Int               | \$ 674.80        | 1.00  | \$ 674.80    | -          | -         | \$ 674.80          | -          | -         | \$ 674.80    | -          | \$ 674.80    |
| B-10-04.5   | FCU-5, Ceiling Cassette 4-way type, 3 Tons of refrigeration (36,000 BTU/H) cooling capacity connected to ACCU-5 with 230v -1 ph-60 Hz motor, including isolation breaker, control wires, conduits, Refrigerant pipes  | set               | \$ 2,294.32      | 6.00  | \$ 13,765.92 | -          | -         | \$ 13,765.92       | -          | -         | \$ 13,765.92 | -          | \$ 13,765.92 |
| B-10-04.5.1 | Circuit Breaker   | pc                | \$ 296.91        | 1.00  | \$ 296.91    | -          | -         | \$ 296.91          | -          | -         | \$ 296.91    | -          | \$ 296.91    |
| B-10-04.5.2 | Wings and Conduits  | Int               | \$ 404.83        | 1.00  | \$ 404.83    | -          | -         | \$ 404.83          | -          | -         | \$ 404.83    | -          | \$ 404.83    |
| B-10-04.5.3 | Refrigerant pipes and insulation  | M                 | \$ 40.49         | 25.00 | \$ 1,012.25  | -          | -         | \$ 1,012.25        | -          | -         | \$ 1,012.25  | -          | \$ 1,012.25  |
| B-10-04.5.4 | Hangers, supports, steel base for ACCU  | Int               | \$ 269.92        | 1.00  | \$ 269.92    | -          | -         | \$ 269.92          | -          | -         | \$ 269.92    | -          | \$ 269.92    |
| B-10-04.5.5 | Drain Pipes and insulation  | M                 | \$ 13.30         | 8.00  | \$ 108.00    | -          | -         | \$ 108.00          | -          | -         | \$ 108.00    | -          | \$ 108.00    |
| B-10-04.5.6 | Franç Charging, start-up and commissioning  | Int               | \$ 674.80        | 1.00  | \$ 674.80    | -          | -         | \$ 674.80          | -          | -         | \$ 674.80    | -          | \$ 674.80    |
| B-10-04.6   | FCU-6, Ceiling Cassette 4-way type, 3 Tons of refrigeration (60,000 BTU/H) cooling capacity connected to ACCU-6 with 380 v -3 ph-60 Hz motor, including isolation breaker, control wires, conduits, Refrigerant pipes | set               | \$ 4,048.80      | 8.00  | \$ 32,390.40 | -          | -         | \$ 32,390.40       | -          | -         | \$ 32,390.40 | -          | \$ 32,390.40 |
| B-10-04.6.1 | Circuit Breaker   | piece             | \$ 206.91        | 1.00  | \$ 206.91    | -          | -         | \$ 206.91          | -          | -         | \$ 206.91    | -          | \$ 206.91    |
| B-10-04.6.2 | Wings and Conduits  | Int               | \$ 404.88        | 1.00  | \$ 404.88    | -          | -         | \$ 404.88          | -          | -         | \$ 404.88    | -          | \$ 404.88    |
| B-10-04.6.3 | Refrigerant pipes and insulation  | M                 | \$ 40.49         | 25.00 | \$ 1,012.25  | -          | -         | \$ 1,012.25        | -          | -         | \$ 1,012.25  | -          | \$ 1,012.25  |
| B-10-04.6.4 | Hangers, supports, steel base for ACCU  | Int               | \$ 269.92        | 1.00  | \$ 269.92    | -          | -         | \$ 269.92          | -          | -         | \$ 269.92    | -          | \$ 269.92    |
| B-10-04.6.5 | Drain Pipes and insulation  | M                 | \$ 13.30         | 8.00  | \$ 108.00    | -          | -         | \$ 108.00          | -          | -         | \$ 108.00    | -          | \$ 108.00    |
| B-10-04.6.6 | Franç Charging, start-up and commissioning  | Int               | \$ 674.80        | 1.00  | \$ 674.80    | -          | -         | \$ 674.80          | -          | -         | \$ 674.80    | -          | \$ 674.80    |
| B-10-04.7   | FCU-7, Inverter type Wall mounted, 1 Ton of refrigeration (12000 BTU/H) cooling capacity, connected to ACCU-7 with 230 v -1 ph-60 Hz motor, including isolation breaker, control wires, conduits, Refrigerant pipes   | set               | \$ 1,309.11      | 6.00  | \$ 7,854.66  | -          | -         | \$ 7,854.66        | -          | -         | \$ 7,854.66  | -          | \$ 7,854.66  |
| B-10-04.7.1 | Circuit Breaker   | piece             | \$ 266.91        | 1.00  | \$ 266.91    | -          | -         | \$ 266.91          | -          | -         | \$ 266.91    | -          | \$ 266.91    |
| B-10-04.7.2 | Wings and Conduits  | Int               | \$ 404.88        | 1.00  | \$ 404.88    | -          | -         | \$ 404.88          | -          | -         | \$ 404.88    | -          | \$ 404.88    |
| B-10-04.7.3 | Refrigerant pipes and insulation  | M                 | \$ 40.49         | 25.00 | \$ 1,012.25  | -          | -         | \$ 1,012.25        | -          | -         | \$ 1,012.25  | -          | \$ 1,012.25  |
| B-10-04.7.4 | Hangers, supports, steel base for ACCU  | Int               | \$ 269.92        | 1.00  | \$ 269.92    | -          | -         | \$ 269.92          | -          | -         | \$ 269.92    | -          | \$ 269.92    |
| B-10-04.7.5 | Drain Pipes and insulation  | M                 | \$ 13.30         | 8.00  | \$ 108.00    | -          | -         | \$ 108.00          | -          | -         | \$ 108.00    | -          | \$ 108.00    |
| B-10-04.7.6 | Franç Charging, start-up and commissioning  | Int               | \$ 674.80        | 1.00  | \$ 674.80    | -          | -         | \$ 674.80          | -          | -         | \$ 674.80    | -          | \$ 674.80    |
| B-10-04.8   | FCU-8, Ceiling Cassette 4-way type, 2 Tons of refrigeration (24,000 BTU/H) cooling capacity connected to ACCU-8 with 230 v -1 ph-60 Hz motor, including isolation breaker, control wires, conduits, Refrigerant pipes | set               | \$ 2,024.40      | 5.00  | \$ 10,122.00 | -          | -         | \$ 10,122.00       | -          | -         | \$ 10,122.00 | -          | \$ 10,122.00 |
| B-10-04.8.1 | Circuit Breaker   | piece             | \$ 296.91        | 1.00  | \$ 296.91    | -          | -         | \$ 296.91          | -          | -         | \$ 296.91    | -          | \$ 296.91    |
| B-10-04.8.2 | Wings and Conduits  | Int               | \$ 404.88        | 1.00  | \$ 404.88    | -          | -         | \$ 404.88          | -          | -         | \$ 404.88    | -          | \$ 404.88    |
| B-10-04.8.3 | Refrigerant pipes and insulation  | M                 | \$ 40.49         | 25.00 | \$ 1,012.25  | -          | -         | \$ 1,012.25        | -          | -         | \$ 1,012.25  | -          | \$ 1,012.25  |
| B-10-04.8.4 | Hangers, supports, steel base for ACCU  | Int               | \$ 269.92        | 1.00  | \$ 269.92    | -          | -         | \$ 269.92          | -          | -         | \$ 269.92    | -          | \$ 269.92    |
| B-10-04.8.5 | Drain Pipes and insulation  | M                 | \$ 13.30         | 8.00  | \$ 108.00    | -          | -         | \$ 108.00          | -          | -         | \$ 108.00    | -          | \$ 108.00    |
| B-10-04.8.6 | Franç Charging, start-up and commissioning  | Int               | \$ 674.80        | 1.00  | \$ 674.80    | -          | -         | \$ 674.80          | -          | -         | \$ 674.80    | -          | \$ 674.80    |
| B-10-04.9   | FCU-9, Ceiling Concealed Ducted type, 3 Tons of refrigeration (36,000 BTU/H) cooling capacity connected to ACCU-9 with 230 v -1 ph-60 Hz motor, including isolation breaker, control wires, conduits,                 | set               | \$ 4,048.80      | 4.00  | \$ 16,195.20 | -          | -         | \$ 16,195.20       | -          | -         | \$ 16,195.20 | -          | \$ 16,195.20 |
| B-10-04.9.1 | Circuit Breaker   | piece             | \$ 296.91        | 1.00  | \$ 296.91    | -          | -         | \$ 296.91          | -          | -         | \$ 296.91    | -          | \$ 296.91    |
| B-10-04.9.2 | Wings and Conduits  | Int               | \$ 404.88        | 1.00  | \$ 404.88    | -          | -         | \$ 404.88          | -          | -         | \$ 404.88    | -          | \$ 404.88    |



**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**

ICB/050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Benmarin Surya Cipta joint Venture Rachtio Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dilis - Timor Leste

| Item No      | Description  | OWNER ESTIMATION                          |                  |             |              |             |           | VERIFIED BY ADN IP |             |           |              |           |              |             |
|--------------|--|---|------------------|-------------|--------------|-------------|-----------|--------------------|-------------|-----------|--------------|-----------|--------------|-------------|
|              |  | Original Contract                         |                  |             | Revised Cost |             |           | Quantity           |             |           | Revised Cost |           |              |             |
|              |  | Unit                                      | Unit Price (USD) | Qty         | Cost Amount  | Additional  | Deduction | Amount             | Additional  | Deduction | Additional   | Deduction | Amt          |             |
| B-10-04.9.3  | Refrigerant pipes and insulation   | M   | \$ 40.49         | 25.00       | \$ 1,012.25  | -           | -         | \$ 1,012.25        | -           | -         | -            | -         | \$ 1,012.25  |             |
| B-10-04.9.4  | Hangers, supports, steel base for ACCU   | M   | \$ 13.50         | 1.00        | \$ 13.50     | -           | -         | \$ 13.50           | -           | -         | -            | -         | \$ 13.50     |             |
| B-10-04.9.5  | Drain Pipes and insulation   | M   | \$ 674.80        | 8.00        | \$ 5,398.40  | -           | -         | \$ 5,398.40        | -           | -         | -            | -         | \$ 5,398.40  |             |
| B-10-04.9.6  | Floor Charging, start-up and commissioning   | M   | \$ 674.80        | 1.00        | \$ 674.80    | -           | -         | \$ 674.80          | -           | -         | -            | -         | \$ 674.80    |             |
| B-10-04.10   | FCU-10, Inverter type Wall mounted, 1.5 Ton of refrigeration (18000 BTU/Hr) cooling capacity, connected to ACCU-1.0 with 230v, 1 ph, 60 Hz | set                                       | \$ 803.01        | 1.00        | \$ 803.01    | -           | -         | \$ 803.01          | -           | -         | -            | -         | \$ 803.01    |             |
| B-10-04.10.1 | motor, including isolation breaker, control wires, conduits, Refrigerant   | piece                                     | \$ 266.91        | 1.00        | \$ 266.91    | -           | -         | \$ 266.91          | -           | -         | -            | -         | \$ 266.91    |             |
| B-10-04.10.2 | Circuit Breaker  | lot                                       | \$ 404.88        | 1.00        | \$ 404.88    | -           | -         | \$ 404.88          | -           | -         | -            | -         | \$ 404.88    |             |
| B-10-04.10.3 | Wiring and Conduits  | M   | \$ 40.49         | 25.00       | \$ 1,012.25  | -           | -         | \$ 1,012.25        | -           | -         | -            | -         | \$ 1,012.25  |             |
| B-10-04.10.4 | Refrigerant pipes and insulation   | lot                                       | \$ 674.80        | 1.00        | \$ 674.80    | -           | -         | \$ 674.80          | -           | -         | -            | -         | \$ 674.80    |             |
| B-10-04.10.5 | Hangers, supports, steel base for ACCU   | M   | \$ 13.50         | 8.00        | \$ 108.00    | -           | -         | \$ 108.00          | -           | -         | -            | -         | \$ 108.00    |             |
| B-10-04.10.6 | Drain Pipes and insulation   | lot                                       | \$ 674.80        | 1.00        | \$ 674.80    | -           | -         | \$ 674.80          | -           | -         | -            | -         | \$ 674.80    |             |
| B-10-05      | Floor Charging, start-up and commissioning   | M   | \$ 265.59        | 520.00      | \$ 13,326.40 | -           | -         | \$ 13,326.40       | -           | -         | -            | -         | \$ 13,326.40 |             |
| B-10-05.1    | Black Steel Pipe, Schedule 40 conforming to ASTM A53, ERW  | M   | \$ 30.28         | 280.00      | \$ 9,395.40  | -           | -         | \$ 9,395.40        | -           | -         | -            | -         | \$ 9,395.40  |             |
| B-10-05.1.1  | 25 mm dia.   | M   | \$ 374.1         | 102.00      | \$ 4,019.22  | -           | -         | \$ 4,019.22        | -           | -         | -            | -         | \$ 4,019.22  |             |
| B-10-05.1.2  | 32 mm dia.   | M   | \$ 47.6          | 10.00       | \$ 407.60    | -           | -         | \$ 407.60          | -           | -         | -            | -         | \$ 407.60    |             |
| B-10-05.1.3  | 40 mm dia.   | M   | \$ 62.28         | 179.00      | \$ 11,148.12 | -           | -         | \$ 11,148.12       | -           | -         | -            | -         | \$ 11,148.12 |             |
| B-10-05.1.4  | 50 mm dia.   | M   | \$ 89.98         | 368.00      | \$ 32,900.64 | -           | -         | \$ 32,900.64       | -           | -         | -            | -         | \$ 32,900.64 |             |
| B-10-05.1.5  | 65 mm dia.   | M   | \$ 98.12         | 45.00       | \$ 4,451.40  | -           | -         | \$ 4,451.40        | -           | -         | -            | -         | \$ 4,451.40  |             |
| B-10-05.1.6  | 80 mm dia.   | M   | \$ 159.66        | 29.00       | \$ 4,610.14  | -           | -         | \$ 4,610.14        | -           | -         | -            | -         | \$ 4,610.14  |             |
| B-10-05.2    | Black Malleable iron threaded fittings conforming to ASME B16.3, Class 150, 90 degree Elbow  | piece                                     | \$ 8.37          | 420.00      | \$ 3,515.40  | -           | -         | \$ 3,515.40        | -           | -         | -            | -         | \$ 3,515.40  |             |
| B-10-05.2.1  | 25 mm dia.   | piece                                     | \$ 13.09         | 20.00       | \$ 261.80    | -           | -         | \$ 261.80          | -           | -         | -            | -         | \$ 261.80    |             |
| B-10-05.2.2  | 32 mm dia.   | piece                                     | \$ 17.95         | 16.00       | \$ 287.20    | -           | -         | \$ 287.20          | -           | -         | -            | -         | \$ 287.20    |             |
| B-10-05.2.3  | 40 mm dia.   | piece                                     | \$ 22.70         | 5.00        | \$ 137.00    | -           | -         | \$ 137.00          | -           | -         | -            | -         | \$ 137.00    |             |
| B-10-05.2.4  | 50 mm dia.   | piece                                     | \$ 12.01         | 6.00        | \$ 72.06     | -           | -         | \$ 72.06           | -           | -         | -            | -         | \$ 72.06     |             |
| B-10-05.2.5  | 65 mm dia.   | piece                                     | \$ 20.04         | 34.00       | \$ 681.36    | -           | -         | \$ 681.36          | -           | -         | -            | -         | \$ 681.36    |             |
| B-10-05.2.6  | 80 mm dia.   | piece                                     | \$ 24.43         | 5.00        | \$ 121.15    | -           | -         | \$ 121.15          | -           | -         | -            | -         | \$ 121.15    |             |
| B-10-05.2.7  | 100 mm dia.  | piece                                     | \$ 42.38         | 2.00        | \$ 84.76     | -           | -         | \$ 84.76           | -           | -         | -            | -         | \$ 84.76     |             |
| B-10-05.2.8  | 120 mm dia.  | piece                                     | \$ 157.77        | 2.00        | \$ 315.54    | -           | -         | \$ 315.54          | -           | -         | -            | -         | \$ 315.54    |             |
| B-10-05.2.9  | 160 mm dia.  | piece                                     | \$ 160.74        | 12.00       | \$ 1,928.88  | -           | -         | \$ 1,928.88        | -           | -         | -            | -         | \$ 1,928.88  |             |
| B-10-05.2.10 | 200 mm dia.  | piece                                     | \$ 157.77        | 12.00       | \$ 1,893.24  | -           | -         | \$ 1,893.24        | -           | -         | -            | -         | \$ 1,893.24  |             |
| B-10-05.2.11 | 250 mm dia.  | piece                                     | \$ 117.69        | 8.00        | \$ 944.72    | -           | -         | \$ 944.72          | -           | -         | -            | -         | \$ 944.72    |             |
| B-10-05.2.12 | 300 mm dia.  | piece                                     | \$ 118.09        | 6.00        | \$ 706.14    | -           | -         | \$ 706.14          | -           | -         | -            | -         | \$ 706.14    |             |
| B-10-05.2.13 | 350 mm dia.  | piece                                     | \$ 67.48         | 10.00       | \$ 1,180.90  | -           | -         | \$ 1,180.90        | -           | -         | -            | -         | \$ 1,180.90  |             |
| B-10-05.2.14 | 400 mm dia.  | piece                                     | \$ 40.49         | 10.00       | \$ 404.90    | -           | -         | \$ 404.90          | -           | -         | -            | -         | \$ 404.90    |             |
| B-10-05.2.15 | 450 mm dia.  | piece                                     | \$ 23.08         | 5.00        | \$ 115.40    | -           | -         | \$ 115.40          | -           | -         | -            | -         | \$ 115.40    |             |
| B-10-05.2.16 | 500 mm dia.  | piece                                     | \$ 14.44         | 26.00       | \$ 375.44    | -           | -         | \$ 375.44          | -           | -         | -            | -         | \$ 375.44    |             |
| B-10-05.2.17 | 550 mm dia.  | piece                                     | \$ 12.35         | 52.00       | \$ 642.20    | -           | -         | \$ 642.20          | -           | -         | -            | -         | \$ 642.20    |             |
| B-10-05.2.18 | 600 mm dia.  | piece                                     | \$ 107.97        | 2.00        | \$ 215.94    | -           | -         | \$ 215.94          | -           | -         | -            | -         | \$ 215.94    |             |
| B-10-05.2.19 | 650 mm dia.  | piece                                     | \$ 147.38        | 6.00        | \$ 884.28    | -           | -         | \$ 884.28          | -           | -         | -            | -         | \$ 884.28    |             |
| B-10-05.2.20 | 700 mm dia.  | piece                                     | \$ 6.75          | 386.00      | \$ 2,619.00  | -           | -         | \$ 2,619.00        | -           | -         | -            | -         | \$ 2,619.00  |             |
| B-10-05.3    | Black Steel Flange conforming to ASME B16.5, Class 150   | piece                                     | \$ 71.33         | 14.00       | \$ 1,001.42  | -           | -         | \$ 1,001.42        | -           | -         | -            | -         | \$ 1,001.42  |             |
| B-10-05.3.1  | 65 mm dia.   | piece                                     | \$ 163.30        | 17.00       | \$ 2,776.10  | -           | -         | \$ 2,776.10        | -           | -         | -            | -         | \$ 2,776.10  |             |
| B-10-05.3.2  | 80 mm dia.   | piece                                     | \$ 223.16        | 12.00       | \$ 2,685.12  | -           | -         | \$ 2,685.12        | -           | -         | -            | -         | \$ 2,685.12  |             |
| B-10-05.4    | Values, UL Listed, FM approved   | OS & Y Gate Values, 150 mm dia, class 150 | piece            | \$ 1,701.98 | 2.00         | \$ 3,403.96 | -         | -                  | \$ 3,403.96 | -         | -            | -         | -            | \$ 3,403.96 |
| B-10-05.4.1  | OS & Y Gate Values, 150 mm dia, class 150  | piece                                     | \$ 942.02        | 5.00        | \$ 4,710.10  | -           | -         | \$ 4,710.10        | -           | -         | -            | -         | \$ 4,710.10  |             |
| B-10-05.4.2  | OS & Y Gate Values, 150 mm dia, class 150 with supervisory switch  | piece                                     | -                | -           | -            | -           | -         | -                  | -           | -         | -            | -         | -            |             |

# NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL

## ICB/050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT. Bawantin Surya Cipta Joint Venture Radiois Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No      | Description  | Original Contract |                  |        |              |          |        | Owner Estimation |           |              |            |            |           | Verified by ADN IP |            |            |           |      |  |
|--------------|--|-------------------|------------------|--------|--------------|----------|--------|------------------|-----------|--------------|------------|------------|-----------|--------------------|------------|------------|-----------|------|--|
|              |  | Unit              | Unit Price (USD) | Qty    | Cost Amount  | Quantity |        | Additional       | Deduction | Cost         |            | Additional | Deduction | Cost               |            | Additional | Deduction | Cost |  |
|              |  |                   |                  |        |              | Revised  | Actual |                  |           | Amount       | Additional | Deduction  |           | Cost               | Additional | Deduction  |           |      |  |
| B-10-05.4.3  | Gate Valve, firenze type, threaded, 50 mm dia, class 150   | piece             | \$ 230.11        | 2.00   | \$ 460.22    | -        | -      | \$ -             | \$ -      | \$ 460.22    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.4.4  | Check Valve, swing type, 150 mm dia, class 150, flanged type   | piece             | \$ 727.43        | 2.00   | \$ 1,454.86  | -        | -      | \$ -             | \$ -      | \$ 1,454.86  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.4.5  | Check valve, swing type, 50 mm dia, class 150, threaded  | piece             | \$ 192.99        | 1.00   | \$ 192.99    | -        | -      | \$ -             | \$ -      | \$ 192.99    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.4.6  | Alarm Check Valve Assembly horizontal type, 150 mm dia, complete with Retard chamber, trimmings, pressure gauges and alarm going   | set               | \$ 4,588.64      | 1.00   | \$ 4,588.64  | -        | -      | \$ -             | \$ -      | \$ 4,588.64  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.4.7  | Fire flow valves 65 mm dia, completed with cap & chain   | piece             | \$ 498.81        | 5.00   | \$ 2,494.05  | -        | -      | \$ -             | \$ -      | \$ 2,494.05  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.4.8  | Fire Department Connection, 150 mm x 65 mm x 4 way, with cap, chain and with Auto, Sprinkler Riser label   | set               | \$ 2,024.40      | 1.00   | \$ 2,024.40  | -        | -      | \$ -             | \$ -      | \$ 2,024.40  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.5    | Fire Pump, Vertical turbine type, 192/2 liter/min @ 70 meter TDH, 50 Hp motor, 380 v-3 ph-60 Hz, 1750 rpm complete with UL listed pump controller with Automatic Transfer Switch and standard accessories. | set               | \$ 8,097.60      | 1.00   | \$ 8,097.60  | -        | -      | \$ 1.00          | \$ -      | \$ 8,097.60  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.6    | Jockey Pump, submersible type with submersible motor, 37.8 liter/min @ 70 meter TDH capacity, 2 HP motor, 230 v-1 ph-60 Hz, 1750 rpm with water proof power cable and Controller.                          | set               | \$ 2,396.68      | 1.00   | \$ 2,396.68  | -        | -      | \$ -             | \$ -      | \$ 2,396.68  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.7    | Relief Valve with discharge tee for injection pump   | set               | \$ 179.50        | 1.00   | \$ 179.50    | -        | -      | \$ -             | \$ -      | \$ 179.50    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.8    | Fire Hose Cabinets   | set               | \$ 136.44        | 1.00   | \$ 136.44    | -        | -      | \$ -             | \$ -      | \$ 136.44    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.9    | Relief Valve with discharge tee and wastewater   | piece             | \$ 511.09        | 4.00   | \$ 2,044.36  | -        | -      | \$ -             | \$ -      | \$ 2,044.36  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.10   | Automatic air release valve and fittings   | piece             | \$ 937.97        | 1.00   | \$ 937.97    | -        | -      | \$ -             | \$ -      | \$ 937.97    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.11   | Pressure gauge   | piece             | \$ 197.04        | 1.00   | \$ 197.04    | -        | -      | \$ -             | \$ -      | \$ 197.04    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.12   | Pressure switch  | piece             | \$ 215.94        | 1.00   | \$ 215.94    | -        | -      | \$ -             | \$ -      | \$ 215.94    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.13   | Centrifugal Reducer  | piece             | \$ 469.66        | 10.00  | \$ 4,696.60  | -        | -      | \$ -             | \$ -      | \$ 4,696.60  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.14   | Relief Valve with recessed cap   | piece             | \$ 107.97        | 37.00  | \$ 3,949.89  | -        | -      | \$ -             | \$ -      | \$ 3,949.89  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.15   | Fire Extinguishers Carbon dioxide (CO2) type: 9 kg capacity, UL Listed/FM Approved   | piece             | \$ 206.91        | 5.00   | \$ 1,034.55  | -        | -      | \$ -             | \$ -      | \$ 1,034.55  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.16   | Fire Extinguishers Carbon dioxide (CO2) type: 22.7 kg capacity, UL Listed/FM Approved  | piece             | \$ 526.34        | 2.00   | \$ 1,052.68  | -        | -      | \$ -             | \$ -      | \$ 1,052.68  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.17   | Sprinkler Head, Quick-response pendant type, K-value=56, temp. rating@6 degrees C with recessed cap  | piece             | \$ 14.31         | 377.00 | \$ 5,394.87  | -        | -      | \$ -             | \$ -      | \$ 5,394.87  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.18   | Sprinkler Head, Quick-response upright type, K-value=56, temp. rating@68 degrees C   | piece             | \$ 13.77         | 7.00   | \$ 96.39     | -        | -      | \$ -             | \$ -      | \$ 96.39     | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.19   | Sprinkler Head, Quick-response sidewall type, K-value=56, temp. rating@68 degrees C  | piece             | \$ 16.20         | 4.00   | \$ 64.80     | -        | -      | \$ -             | \$ -      | \$ 64.80     | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.20   | Underground Pipe, High Density Polyethylene (HDPE), PN 40 SDR 11   | M                 | \$ 26.99         | 40.00  | \$ 1,079.60  | -        | -      | \$ -             | \$ -      | \$ 1,079.60  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.21   | Ceiling Mounted Automatic Fire Extinguisher, HCFC-123, 4.5 Kg/capacity   | piece             | \$ 101.55        | 5.00   | \$ 507.75    | -        | -      | \$ -             | \$ -      | \$ 507.75    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.22   | Pipe supports and Hangers  | lot               | \$ 269.92        | 1.00   | \$ 269.92    | -        | -      | \$ -             | \$ -      | \$ 269.92    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.23   | Pipe Painting,   | lot               | \$ 1,079.68      | 1.00   | \$ 1,079.68  | -        | -      | \$ -             | \$ -      | \$ 1,079.68  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.26   | Fire Detection and Alarm System (FDAS)   | piece             | \$ 350.90        | 1.00   | \$ 350.90    | -        | -      | \$ -             | \$ -      | \$ 350.90    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.26.1 | Fire Alarm Control Panel (FACP)  | piece             | \$ 404.88        | 5.00   | \$ 2,024.40  | -        | -      | \$ -             | \$ -      | \$ 2,024.40  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.26.2 | Smoke Detector   | piece             | \$ 40.49         | 110.00 | \$ 4,494.39  | -        | -      | \$ -             | \$ -      | \$ 4,494.39  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.26.3 | Heat Detector  | piece             | \$ 36.17         | 10.00  | \$ 361.70    | -        | -      | \$ -             | \$ -      | \$ 361.70    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.26.4 | Manual pull station  | piece             | \$ 15.66         | 19.70  | \$ 297.54    | -        | -      | \$ -             | \$ -      | \$ 297.54    | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.26.5 | Bell/Door, Standby Light   | piece             | \$ 75.58         | 19.00  | \$ 1,436.43  | -        | -      | \$ -             | \$ -      | \$ 1,436.43  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.26.6 | Battery pack   | piece             | \$ 67.48         | 1.00   | \$ 67.48     | -        | -      | \$ -             | \$ -      | \$ 67.48     | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-05.26.7 | Horizontal and Vertical Movement System (Lift and Escalator)   | set               | \$ 44,671.76     | 1.00   | \$ 44,671.76 | -        | -      | \$ -             | \$ -      | \$ 44,671.76 | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-07      | Bed type Elevator, 1000 kg capacity, 5 stops   | set               | \$ 47,910.80     | 2.00   | \$ 95,821.60 | -        | -      | \$ -             | \$ -      | \$ 95,821.60 | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-07.1    | Bed type Elevator, 1000 kg capacity, 5 stops, scenic type  | set               | \$ 1,662.45      | 1.00   | \$ 1,662.45  | -        | -      | \$ -             | \$ -      | \$ 1,662.45  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-07.2    | Building Automation  | piece             | \$ 508.80        | 6.00   | \$ 3,052.80  | -        | -      | \$ -             | \$ -      | \$ 3,052.80  | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-08      | Active Network Components  | set               | \$ -             | \$ -   | \$ -         | -        | -      | \$ -             | \$ -      | \$ -         | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-08.1    | Network switches   | set               | \$ -             | \$ -   | \$ -         | -        | -      | \$ -             | \$ -      | \$ -         | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-08.1.1  | Unilink Thread Management (UTM) device, 19" (482 mm) rackmount, with redundant power supply, multiple WAN, multiple gateways and subnets, IDS/IPS features   | set               | \$ -             | \$ -   | \$ -         | -        | -      | \$ -             | \$ -      | \$ -         | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |
| B-10-08.1.2  | Managed Network Switch (24-port, 19" (482 mm) rackmount, 1 gbps speed, with cascade ports for backbone and horizontal cabling  | set               | \$ -             | \$ -   | \$ -         | -        | -      | \$ -             | \$ -      | \$ -         | -          | -          | \$ -      | \$ -               | \$ -       | \$ -       | \$ -      | \$ - |  |

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**  
**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadars National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadars National Hospital  
 Consultant : PT Benatin Surya Cipta Joint Venture Radio Plan Consultant, LDA  
 Location : Guido Valadars National Hospital Dist - Timor Leste

| Item No         | Description  | OWNER ESTIMATION  |                  |          |              |            |             | VERIFIED BY ADN IP |             |              |             |      |             |
|-----------------|--|-------------------|------------------|----------|--------------|------------|-------------|--------------------|-------------|--------------|-------------|------|-------------|
|                 |  | Original Contract |                  |          | Revised      |            |             | Quantity           |             |              | Revised     |      |             |
|                 |  | Unit              | Unit Price (USD) | Qty      | Cost Amount  | Additional | Deduction   | Amount             | Additional  | Deduction    | Quantity    | Cost | Deduction   |
| B-10-08.1.3     | Power over ethernet (PoE) Switch (16-port or higher), 19" (482.6mm) rackmount, 10/100Mbps (optional 1gbps) on all ports, for wireless APs and IP CCTV cameras  | piece             | \$ 287.46        | 5.00     | \$ 1,437.30  | -          | -           | \$ -               | -           | \$ 1,437.30  | -           | -    | -           |
| B-10-08.2       | Wireless Components  |                   |                  |          |              |            |             |                    |             |              |             |      |             |
| B-10-08.2.1     | Wireless Access Points (802.11ac) with wall-ceiling mounting kit, multi-SSID capable, PoE, LAN port, 1x antenna  | piece             | \$ 1,889.44      | 13.00    | \$ 24,562.72 | -          | -           | \$ -               | -           | \$ 24,562.72 | -           | -    | -           |
| B-10-08.2.2     | Wireless AP Controller Manager   | piece             | \$ 1,463.10      | 1.00     | \$ 1,463.10  | -          | -           | \$ -               | -           | \$ 1,463.10  | -           | -    | -           |
| B-10-08.3.1     | CCTV Video Recorder, Network Video Recorder (NVR) with multiple hard disk drives (min of 8-hay drives), rules regarding retention period >= 1-month  | piece             | \$ 863.74        | 1.00     | \$ 863.74    | -          | -           | \$ -               | -           | \$ 863.74    | -           | -    | -           |
| B-10-08.3.2     | CCTV Dome Cameras, IP-based, for indoor use, 60Hz-TVL resolution or higher, built-in infrared (IR), fixed focus, including mounting kit, power-over-ethernet (PoE)   | piece             | \$ 133.61        | 43.00    | \$ 5,745.23  | -          | -           | \$ -               | -           | \$ 5,745.23  | -           | -    | -           |
| B-10-08.3.3     | CCTV Dome Bullet Outdoor Camera (WeatherProof), IP-based, for outdoor installation, 60Hz-TVL resolution, 60Hz-TVL rating, built-in infrared (IR), fixed focus, including mounting kit, power-over-ethernet (PoE) | piece             | \$ 168.70        | 2.00     | \$ 337.40    | -          | -           | \$ -               | -           | \$ 337.40    | -           | -    | -           |
| B-10-08.3.4     | Category 6 (CAT6A) 23 AWG UTP copper cable (optional, required only if non-POE)  | M                 | \$ 2.17          | 3,777.80 | \$ 8,197.82  | -          | -           | \$ -               | -           | \$ 8,197.82  | -           | -    | -           |
| B-10-08.3.5     | Power plug (optional, required only if non-POE)  | M                 | \$ 1.32          | 3,777.80 | \$ 4,986.69  | -          | -           | \$ -               | -           | \$ 4,986.69  | -           | -    | -           |
| B-10-08.3.6     | Power plug (optional, required only if non-POE)  | M                 | \$ 4.86          | 41.00    | \$ 199.26    | -          | -           | \$ -               | -           | \$ 199.26    | -           | -    | -           |
| B-10-08.4.1     | Cable Television (CATV) System   |                   |                  |          |              |            |             |                    |             |              |             |      |             |
| B-10-08.4.2     | Co-axial TV cable RG-6 from MDF to Waiting Area Out-Patient Dept   | M                 | \$ 1.35          | 42.00    | \$ 56.70     | -          | -           | \$ -               | -           | \$ 56.70     | -           | -    | -           |
| B-10-08.4.3     | Ground floor   | M                 | \$ 1.35          | 60.00    | \$ 81.00     | -          | -           | \$ -               | -           | \$ 81.00     | -           | -    | -           |
| B-10-08.4.4     | Co-axial TV cable RG-6 from MDF to VIP Rooms (5x) Third (3rd) floor  | M                 | \$ 1.35          | 78.20    | \$ 105.57    | -          | -           | \$ -               | -           | \$ 105.57    | -           | -    | -           |
| B-10-08.4.5     | Co-axial TV cable RG-6 from MDF to Training Rooms (2x) and Trainees Room Fourth (4th) floor  | M                 | \$ 1.35          | 76.60    | \$ 103.41    | -          | -           | \$ -               | -           | \$ 103.41    | -           | -    | -           |
| B-10-08.4.6     | Co-axial TV cable RG-6 from MDF in Dept. of Pediatrics and Chief Offices Fifth (5th) floor   | M                 | \$ 67.48         | 1.00     | \$ 67.48     | -          | -           | \$ -               | -           | \$ 67.48     | -           | -    | -           |
| B-10-09         | CATV Amplifier (optional)(one, required if signal is mediocre)   | piece             | \$ 7.42          | 4.00     | \$ 29.68     | -          | -           | \$ -               | -           | \$ 29.68     | -           | -    | -           |
| B-10-09         | Fresh Water Installation   |                   |                  |          |              |            |             |                    |             |              |             |      |             |
| B-10-09.1       | Fixtures and Accessories   |                   |                  |          |              |            |             |                    |             |              |             |      |             |
| B-10-09.2       | Water closet   | set               | \$ 222.68        | 48.00    | \$ 10,688.34 | -          | -           | \$ -               | -           | \$ 10,688.34 | -           | -    | -           |
| B-10-09.3       | Lavatory   | set               | \$ 25.62         | 48.00    | \$ 1,208.16  | -          | -           | \$ -               | -           | \$ 1,208.16  | -           | -    | -           |
| B-10-09.4       | Stainless steel kitchen sink   | set               | \$ 148.96        | 85.00    | \$ 12,619.10 | -          | -           | \$ -               | -           | \$ 12,619.10 | -           | -    | -           |
| B-10-09.5       | Brass faucet with 60° Spray Hose   | set               | \$ 47.24         | 48.00    | \$ 2,267.32  | -          | -           | \$ -               | -           | \$ 2,267.32  | -           | -    | -           |
| B-10-09.6       | Tissue Soap holder   | set               | \$ 67.73         | 2.00     | \$ 121.46    | -          | -           | \$ -               | -           | \$ 121.46    | -           | -    | -           |
| B-10-09.7       | Shower head/valve  | set               | \$ 135.00        | 48.00    | \$ 648.00    | -          | -           | \$ -               | -           | \$ 648.00    | -           | -    | -           |
| B-10-09.8       | Floor drain strainer   | set               | \$ 60.73         | 19.00    | \$ 1,153.37  | -          | -           | \$ -               | -           | \$ 1,153.37  | -           | -    | -           |
| B-10-09.9       | Stainless Steel shower strainer 80mm x 80mm  | set               | \$ 108.00        | 78.00    | \$ 842.40    | -          | -           | \$ -               | -           | \$ 842.40    | -           | -    | -           |
| B-10-09.9.2     | Water System   |                   |                  |          |              |            |             |                    |             |              |             |      |             |
| B-10-09.2.1     | Tapline from Existing Water Tanks  | Lx                | \$ 1,079.68      | 1.00     | \$ 1,079.68  | -          | -           | \$ -               | -           | \$ 1,079.68  | -           | -    | -           |
| B-10-09.2.2     | Water Tanks  | set               | \$ 5,330.92      | 4.00     | \$ 21,322.68 | -          | -           | \$ -               | -           | \$ 21,322.68 | -           | -    | -           |
| B-10-09.2.3     | Pressure Tanks   | set               | \$ 1,241.63      | 1.00     | \$ 1,241.63  | 1.00       | \$ 1,241.63 | 1.00               | \$ 1,241.63 | 1.00         | \$ 1,241.63 | 1.00 | \$ 1,241.63 |
| B-10-09.2.4     | Pumps  | set               | \$ 2,247.06      | 2.00     | \$ 4,494.16  | 2.00       | \$ 4,494.16 | 2.00               | \$ 4,494.16 | 2.00         | \$ 4,494.16 | 2.00 | \$ 4,494.16 |
| B-10-09.2.4.1   | Water Pipings  | piece             | \$ 5.13          | 96.00    | \$ 492.48    | -          | -           | \$ -               | -           | \$ 492.48    | -           | -    | -           |
| B-10-09.2.4.1.1 | Supply and installation of 20 mm dia. x 4.0 m PPRC Pipe including fittings, fixtures, etc.   | piece             | \$ 0.81          | 377.00   | \$ 305.37    | -          | -           | \$ -               | -           | \$ 305.37    | -           | -    | -           |
| B-10-09.2.4.1.2 | 20 mm dia. Tee   | piece             | \$ 0.47          | 111.00   | \$ 52.17     | -          | -           | \$ -               | -           | \$ 52.17     | -           | -    | -           |
| B-10-09.2.4.1.3 | 20 mm x 15 mm Tee  | piece             | \$ 0.61          | 44.00    | \$ 2.64      | -          | -           | \$ -               | -           | \$ 2.64      | -           | -    | -           |
| B-10-09.2.4.1.4 | 20 mm dia. Elbow   | piece             | \$ 0.74          | 7.00     | \$ 5.16      | -          | -           | \$ -               | -           | \$ 5.16      | -           | -    | -           |



## NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL

**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bernatint Surya Cipta Joint Venture Rucio Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No          | Description  | OWNER ESTIMATION  |                  |        |             |            |           | VERIFIED BY ADN IP |                  |        |             |            |           |
|------------------|--|-------------------|------------------|--------|-------------|------------|-----------|--------------------|------------------|--------|-------------|------------|-----------|
|                  |  | Original Contract |                  |        | Revised     |            |           | Revised            |                  |        | Cost        |            |           |
|                  |  | Quantity          | Unit Price (USD) | Qty    | Cost Amount | Additional | Deduction | Quantity           | Unit Price (USD) | Qty    | Amount      | Additional | Deduction |
| B-10-09.2.4.1.5  | 20 mm x 15 mm Reducer  | piece             | \$ 10.66         | 38.00  | \$ 405.08   | -          | -         | piece              | \$ 10.30         | 510.30 | \$ 405.08   | -          | -         |
| B-10-09.2.4.2    | Supply and installation of 20 mm dia. x 4.0 m PPRC Pipe including fittings, fixture, etc.      | piece             | \$ 0.81          | 70.00  | \$ 56.70    | -          | -         | piece              | \$ 0.81          | 50.22  | \$ 56.70    | -          | -         |
| B-10-09.2.4.2.1  | 25 mm dia. Tee   | piece             | \$ 1.21          | 229.00 | \$ 277.69   | -          | -         | piece              | \$ 1.21          | 153.43 | \$ 277.69   | -          | -         |
| B-10-09.2.4.2.2  | 25 mm x 20 mm Tee  | piece             | \$ 0.67          | 229.00 | \$ 159.03   | -          | -         | piece              | \$ 0.67          | 159.03 | \$ 159.03   | -          | -         |
| B-10-09.2.4.2.3  | 25 mm dia. Elbow   | piece             | \$ 8.37          | 19.00  | \$ 155.43   | -          | -         | piece              | \$ 8.37          | 15.43  | \$ 155.43   | -          | -         |
| B-10-09.2.4.2.4  | 25 mm x 20 mm Elbow  | piece             | \$ 8.10          | 17.00  | \$ 137.70   | -          | -         | piece              | \$ 8.10          | 13.70  | \$ 137.70   | -          | -         |
| B-10-09.2.4.3    | Supply and installation of 32 mm dia. x 4.0 m PPRC Pipe including fittings, fixture, etc.      | piece             | \$ 1.35          | 4.00   | \$ 5.40     | -          | -         | piece              | \$ 1.35          | 1.35   | \$ 5.40     | -          | -         |
| B-10-09.2.4.3.1  | 32 mm dia. Tee   | piece             | \$ 1.21          | 13.00  | \$ 15.73    | -          | -         | piece              | \$ 1.21          | 12.00  | \$ 15.73    | -          | -         |
| B-10-09.2.4.3.2  | 32 mm x 20 mm Tee  | piece             | \$ 1.35          | 13.00  | \$ 17.53    | -          | -         | piece              | \$ 1.35          | 12.00  | \$ 17.53    | -          | -         |
| B-10-09.2.4.3.3  | 32 mm x 20 mm Elbow  | piece             | \$ 1.00          | 1.00   | \$ 9.45     | -          | -         | piece              | \$ 1.00          | 1.00   | \$ 9.45     | -          | -         |
| B-10-09.2.4.3.4  | 32 mm x 25 mm Elbow  | piece             | \$ 1.89          | 1.00   | \$ 1.89     | -          | -         | piece              | \$ 1.89          | 1.00   | \$ 1.89     | -          | -         |
| B-10-09.2.4.3.5  | 32 mm dia. Gate Valve  | piece             | \$ 23.62         | 5.00   | \$ 118.10   | -          | -         | piece              | \$ 23.62         | 5.00   | \$ 118.10   | -          | -         |
| B-10-09.2.4.4    | Supply and installation of 40 mm dia. x 4.0 m PPRC Pipe including fittings, fixture, etc.      | piece             | \$ 12.15         | 44.00  | \$ 534.60   | -          | -         | piece              | \$ 12.15         | 44.00  | \$ 534.60   | -          | -         |
| B-10-09.2.4.4.1  | 40 mm dia. Tee   | piece             | \$ 2.02          | 1.00   | \$ 2.02     | -          | -         | piece              | \$ 2.02          | 1.00   | \$ 2.02     | -          | -         |
| B-10-09.2.4.4.2  | 40 mm x 25 mm Tee  | piece             | \$ 1.35          | 2.00   | \$ 2.70     | -          | -         | piece              | \$ 1.35          | 2.00   | \$ 2.70     | -          | -         |
| B-10-09.2.4.4.3  | 40 mm x 20 mm Tee  | piece             | \$ 1.21          | 8.00   | \$ 9.68     | -          | -         | piece              | \$ 1.21          | 8.00   | \$ 9.68     | -          | -         |
| B-10-09.2.4.4.4  | 40 mm dia. Elbow   | piece             | \$ 1.62          | 1.00   | \$ 1.62     | -          | -         | piece              | \$ 1.62          | 1.00   | \$ 1.62     | -          | -         |
| B-10-09.2.4.4.5  | 40 mm x 32 mm Elbow  | piece             | \$ 1.89          | 3.00   | \$ 5.67     | -          | -         | piece              | \$ 1.89          | 3.00   | \$ 5.67     | -          | -         |
| B-10-09.2.4.4.6  | 40 mm x 25 mm Elbow  | piece             | \$ 1.62          | 1.00   | \$ 1.62     | -          | -         | piece              | \$ 1.62          | 1.00   | \$ 1.62     | -          | -         |
| B-10-09.2.4.4.7  | 40 mm x 20 mm Elbow  | piece             | \$ 1.35          | 3.00   | \$ 4.05     | -          | -         | piece              | \$ 1.35          | 3.00   | \$ 4.05     | -          | -         |
| B-10-09.2.4.4.8  | 40 mm x 25 mm Reducer  | piece             | \$ 2.02          | 3.00   | \$ 6.06     | -          | -         | piece              | \$ 2.02          | 3.00   | \$ 6.06     | -          | -         |
| B-10-09.2.4.4.9  | 40 mm x 20 mm Reducer  | piece             | \$ 1.75          | 1.00   | \$ 1.75     | -          | -         | piece              | \$ 1.75          | 1.00   | \$ 1.75     | -          | -         |
| B-10-09.2.4.4.10 | 40 mm dia. Gate Valve  | piece             | \$ 27.53         | 9.00   | \$ 247.77   | -          | -         | piece              | \$ 27.53         | 9.00   | \$ 247.77   | -          | -         |
| B-10-09.2.4.5    | Supply and installation of 50 mm dia. x 4.0 m PPRC Pipe including fittings, fixture, etc.      | piece             | \$ 19.43         | 28.00  | \$ 544.04   | -          | -         | piece              | \$ 19.43         | 28.00  | \$ 544.04   | -          | -         |
| B-10-09.2.4.5.2  | 50 mm x 40 mm Tee  | piece             | \$ 2.70          | 5.00   | \$ 13.50    | -          | -         | piece              | \$ 2.70          | 5.00   | \$ 13.50    | -          | -         |
| B-10-09.2.4.5.3  | 50 mm x 32 mm Tee  | piece             | \$ 2.43          | 5.00   | \$ 12.15    | -          | -         | piece              | \$ 2.43          | 5.00   | \$ 12.15    | -          | -         |
| B-10-09.2.4.5.4  | 50 mm x 25 mm Tee  | piece             | \$ 2.02          | 3.00   | \$ 6.06     | -          | -         | piece              | \$ 2.02          | 3.00   | \$ 6.06     | -          | -         |
| B-10-09.2.4.5.5  | 50 mm x 20 mm Tee  | piece             | \$ 2.02          | 4.00   | \$ 8.08     | -          | -         | piece              | \$ 2.02          | 4.00   | \$ 8.08     | -          | -         |
| B-10-09.2.4.5.7  | 50 mm x 20 mm Elbow  | piece             | \$ 3.24          | 3.00   | \$ 9.72     | -          | -         | piece              | \$ 3.24          | 3.00   | \$ 9.72     | -          | -         |
| B-10-09.2.4.5.10 | 50 mm x 20 mm Elbow  | piece             | \$ 3.37          | 3.00   | \$ 10.11    | -          | -         | piece              | \$ 3.37          | 3.00   | \$ 10.11    | -          | -         |
| B-10-09.2.4.5.11 | 50 mm dia. Gate Valve  | piece             | \$ 43.19         | 4.00   | \$ 172.76   | -          | -         | piece              | \$ 43.19         | 4.00   | \$ 172.76   | -          | -         |
| B-10-09.2.4.6    | Supply and installation of 63 mm dia. x 4.0 m PPRC Pipe including fittings, fixture, etc.      | piece             | \$ 28.61         | 15.00  | \$ 429.15   | -          | -         | piece              | \$ 28.61         | 15.00  | \$ 429.15   | -          | -         |
| B-10-09.2.4.6.1  | 63 mm dia. Tee   | piece             | \$ 4.05          | 2.00   | \$ 8.10     | -          | -         | piece              | \$ 4.05          | 2.00   | \$ 8.10     | -          | -         |
| B-10-09.2.4.6.2  | 63 mm x 30 mm Tee  | piece             | \$ 3.70          | 3.00   | \$ 11.14    | -          | -         | piece              | \$ 3.70          | 3.00   | \$ 11.14    | -          | -         |
| B-10-09.2.4.6.3  | 63 mm x 40 mm Tee  | piece             | \$ 3.37          | 2.00   | \$ 6.74     | -          | -         | piece              | \$ 3.37          | 2.00   | \$ 6.74     | -          | -         |
| B-10-09.2.4.6.6  | 63 mm dia. Elbow   | piece             | \$ 4.05          | 3.00   | \$ 12.15    | -          | -         | piece              | \$ 4.05          | 3.00   | \$ 12.15    | -          | -         |
| B-10-09.2.4.6.7  | 63 mm dia. Gate Valve  | piece             | \$ 8.98          | 4.00   | \$ 4.05     | -          | -         | piece              | \$ 8.98          | 4.00   | \$ 4.05     | -          | -         |
| B-10-09.2.4.6.10 | Pressure and Leak Testing  | L                 | \$ 404.88        | 1.00   | \$ 404.88   | -          | -         | L                  | \$ 404.88        | 1.00   | \$ 404.88   | -          | -         |
| B-10-09.2.4.6.11 | Metering and Sub-Metering  | L                 | \$ 701.79        | 1.00   | \$ 701.79   | -          | -         | L                  | \$ 701.79        | 1.00   | \$ 701.79   | -          | -         |
| B-10-10          | Waste Water Installation   |                   |                  |        |             |            |           |                    |                  |        |             |            |           |
| B-10-10.1        | Sewer Pipelines  | piece             | \$ 75.31         | 24.00  | \$ 1,807.44 | -          | -         | piece              | \$ 75.31         | 24.00  | \$ 1,807.44 | -          | -         |
| B-10-10.1.1      | Supply and installation of 150 mm dia. x 4.0 m PVC pipe, S-1000 incl. fittings, fixtures, etc. | piece             | \$ 53.71         | 3.00   | \$ 161.13   | -          | -         | piece              | \$ 53.71         | 3.00   | \$ 161.13   | -          | -         |
| B-10-10.1.2      | Supply and installation of 150 mm dia. x 3.0 m PVC pipe, S-1000 incl. fittings, fixtures, etc. | piece             | \$ 60.73         | 3.00   | \$ 182.19   | -          | -         | piece              | \$ 60.73         | 3.00   | \$ 182.19   | -          | -         |
| B-10-10.1.3      | 150 mm x 125 mm Wye  | piece             | \$ 56.68         | 1.00   | \$ 56.68    | -          | -         | piece              | \$ 48.58         | 1.00   | \$ 48.58    | -          | -         |



**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**

**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Benatin Surya Cipta Prima Venue Radiin Plan Consultant, LDA  
 Location : Guido Valadares National Hospital Dist - Timor Leste

| OWNER ESTIMATION |  | VERIFIED BY ADN IP |                  |        |              |           |            |          |              |            |           |            |           |        |           |
|------------------|--|--------------------|------------------|--------|--------------|-----------|------------|----------|--------------|------------|-----------|------------|-----------|--------|-----------|
| Item No          | Description  | Original Contract  |                  |        | Revised Cost |           |            | Quantity | Amount       | Additional | Reduction | Additional | Reduction | Amount |           |
|                  |  | Unit               | Unit Price (USD) | Qty    | Cost Amount  | Deduction | Additional |          |              |            |           |            |           |        |           |
| B-10-101.4       | 150 mm x 75 mm Wye   | piece              | \$ 7,69          | 6.00   | \$ 46.14     | -         | -          | \$       | \$ 46.14     | -          | -         | -          | -         | \$     |           |
| B-10-101.5       | 150 mm x 65 mm Wye   | piece              | \$ 3,779         | 6.00   | \$ 22.674    | -         | -          | \$       | \$ 22.674    | -          | -         | -          | -         | \$     |           |
| B-10-101.6       | 150 mm x 50 mm Wye   | piece              | \$ 40.89         | 1.00   | \$ 40.89     | -         | -          | \$       | \$ 40.89     | -          | -         | -          | -         | \$     |           |
| B-10-101.7       | 150 mm dia. CO   | piece              | \$ 178.99        | 1.00   | \$ 178.99    | -         | -          | \$       | \$ 178.99    | -          | -         | -          | -         | \$     |           |
| B-10-101.8       | 150 mm x 1/8 Elbow   | piece              | \$ 3,530         | 15.00  | \$ 47.950    | -         | -          | \$       | \$ 47.950    | -          | -         | -          | -         | \$     |           |
| B-10-101.9       | 150 mm x 50 mm Tee   | piece              | \$ 49.94         | 48.00  | \$ 2,397.12  | -         | -          | \$       | \$ 2,397.12  | -          | -         | -          | -         | \$     |           |
| B-10-102.3       | 125mm x 75 mm Wye  | piece              | \$ 43.19         | 26.00  | \$ 1,122.94  | -         | -          | \$       | \$ 1,122.94  | -          | -         | -          | -         | \$     |           |
| B-10-102.4       | 125 mm x 50 mm Wye   | piece              | \$ 33.74         | 28.00  | \$ 944.72    | -         | -          | \$       | \$ 944.72    | -          | -         | -          | -         | \$     |           |
| B-10-102.5       | 125 mm x 50 mm Coupling Reducer  | piece              | \$ 13.50         | 9.00   | \$ 121.50    | -         | -          | \$       | \$ 121.50    | -          | -         | -          | -         | \$     |           |
| B-10-102.6       | 125 mm dia. CO   | piece              | \$ 5.40          | 16.00  | \$ 86.40     | -         | -          | \$       | \$ 86.40     | -          | -         | -          | -         | \$     |           |
| B-10-102.7       | 125 mm x 1/8 Elbow   | piece              | \$ 26.99         | 34.00  | \$ 917.66    | -         | -          | \$       | \$ 917.66    | -          | -         | -          | -         | \$     |           |
| B-10-102.8       | 125mm x 50mm Tee   | piece              | \$ 26.99         | 7.00   | \$ 183.93    | -         | -          | \$       | \$ 183.93    | -          | -         | -          | -         | \$     |           |
| B-10-102.9       | 125mm x 38mm Wye   | piece              | \$ 26.99         | 34.00  | \$ 917.66    | -         | -          | \$       | \$ 917.66    | -          | -         | -          | -         | \$     |           |
| B-10-103.3       | Supply and installation of 100 mm dia. x 3.0 m PVC pipe, S-1000 incl. fixtures, fixtures, etc. | piece              | \$ 22.67         | 72.00  | \$ 1,632.24  | -         | -          | \$       | \$ 1,632.24  | -          | -         | -          | -         | \$     |           |
| B-10-103.4       | 100 mm x 50 mm Tee   | piece              | \$ 168.00        | 70.00  | \$ 756.00    | -         | -          | \$       | \$ 756.00    | -          | -         | -          | -         | \$     |           |
| B-10-103.5       | 100 mm dia. Wye  | piece              | \$ 93.1          | 68.00  | \$ 631.08    | -         | -          | \$       | \$ 633.08    | -          | -         | -          | -         | \$     |           |
| B-10-103.6       | 100 mm x 75 mm Wye   | piece              | \$ 145.0         | 23.00  | \$ 310.50    | -         | -          | \$       | \$ 310.50    | -          | -         | -          | -         | \$     |           |
| B-10-103.8       | 100 mm x 50 mm Wye   | piece              | \$ 168.00        | 115.00 | \$ 1,242.00  | -         | -          | \$       | \$ 1,242.00  | -          | -         | -          | -         | \$     |           |
| B-10-103.9       | 100 mm dia. CO   | piece              | \$ 1.62          | 60.00  | \$ 97.20     | -         | -          | \$       | \$ 97.20     | -          | -         | -          | -         | \$     |           |
| B-10-103.10      | 100 mm x 38 mm Wye   | piece              | \$ 103.9         | 17.00  | \$ 176.63    | -         | -          | \$       | \$ 176.63    | -          | -         | -          | -         | \$     |           |
| B-10-104.4       | Supply and installation of 75 mm dia. x 3.0 m PVC pipe, S-1000 incl. fixtures, fixtures, etc.  | piece              | \$ 22.27         | 228.00 | \$ 5,077.56  | -         | -          | \$       | \$ 5,077.56  | -          | -         | -          | -         | \$     |           |
| B-10-104.5       | 75 mm dia. Tee   | piece              | \$ 6.75          | 42.00  | \$ 281.50    | -         | -          | \$       | \$ 281.50    | -          | -         | -          | -         | \$     |           |
| B-10-104.6       | 75 mm x 50 mm Tee  | piece              | \$ 81.10         | 90.00  | \$ 729.00    | -         | -          | \$       | \$ 729.00    | -          | -         | -          | -         | \$     |           |
| B-10-104.7       | 75 mm x 50 mm Wye  | piece              | \$ 81.10         | 38.00  | \$ 307.80    | -         | -          | \$       | \$ 307.80    | -          | -         | -          | -         | \$     |           |
| B-10-104.9       | 75 mm dia. Elbow   | piece              | \$ 7.96          | 47.00  | \$ 374.12    | -         | -          | \$       | \$ 374.12    | -          | -         | -          | -         | \$     |           |
| B-10-105.0       | 75 mm x 50 mm Elbow  | piece              | \$ 81.10         | 64.00  | \$ 518.40    | -         | -          | \$       | \$ 518.40    | -          | -         | -          | -         | \$     |           |
| B-10-104.11      | 75 mm x 1/4 Elbow  | piece              | \$ 5.40          | 7.00   | \$ 37.80     | -         | -          | \$       | \$ 37.80     | -          | -         | -          | -         | \$     |           |
| B-10-104.12      | 75 mm x 1/8 Elbow  | piece              | \$ 5.40          | 59.00  | \$ 318.60    | -         | -          | \$       | \$ 318.60    | -          | -         | -          | -         | \$     |           |
| B-10-104.13      | 75 mm dia. CO  | piece              | \$ 2.43          | 28.00  | \$ 68.04     | -         | -          | \$       | \$ 68.04     | -          | -         | -          | -         | \$     |           |
| B-10-104.14      | 75 mm x 38 mm Wye  | piece              | \$ 5.40          | 5.00   | \$ 27.00     | -         | -          | \$       | \$ 27.00     | -          | -         | -          | -         | \$     |           |
| B-10-105.5       | Supply and installation of 75 mm dia. x 3.0 m PVC pipe, S-1000 incl. fixtures, fixtures, etc.  | piece              | \$ 20.24         | 29.00  | \$ 586.96    | -         | -          | \$       | \$ 586.96    | -          | -         | -          | -         | \$     |           |
| B-10-104.6       | 38 mm dia. Wye   | piece              | \$ 8.64          | 6.00   | \$ 51.84     | -         | -          | \$       | \$ 51.84     | -          | -         | -          | -         | \$     |           |
| B-10-104.7       | 38 mm dia. x 1/4 Elbow   | piece              | \$ 2.97          | 59.00  | \$ 175.23    | -         | -          | \$       | \$ 175.23    | -          | -         | -          | -         | \$     |           |
| B-10-104.8       | 38 mm dia. x 1/8 Elbow   | piece              | \$ 2.97          | 45.00  | \$ 133.65    | -         | -          | \$       | \$ 133.65    | -          | -         | -          | -         | \$     |           |
| B-10-104.9       | 38 mm dia. Cleanout  | piece              | \$ 1.08          | 1.00   | \$ 1.08      | -         | -          | \$       | \$ 1.08      | -          | -         | -          | -         | \$     |           |
| B-10-111         | WWTP/SWP Sewer-Tank/Sewer Treatment Facility Structure   | unit               |                  |        |              |           |            |          |              |            |           |            |           |        |           |
| B-10-111.1       | 6 Compartments: 10.00meters x 6.40meters x 3.00meters height                                   | unit               | \$ 4,272.00      | 1.00   | \$ 4,272.00  | -         | -          | \$       | \$ 4,272.00  | -          | -         | -          | -         | \$     |           |
| B-10-111.2       | Pipes  | unit               | \$ 1,079.68      | 1.00   | \$ 1,079.68  | -         | -          | \$       | \$ 1,079.68  | -          | -         | -          | -         | \$     |           |
| B-10-111.3       | Watercooling Pumps   | unit               | \$ 10.22         | 226.40 | \$ 2,313.81  | -         | -          | \$       | \$ 2,313.81  | -          | -         | -          | -         | \$     |           |
| B-10-111.4       | S Ifp. Air Compressor Pump   | unit               | \$ 2,659.20      | 1.00   | \$ 2,659.20  | -         | -          | \$       | \$ 2,659.20  | -          | -         | -          | -         | \$     |           |
| B-10-112         | Air Devices  | unit               | \$ 472.36        | 32.00  | \$ 15,115.52 | -         | -          | \$       | \$ 15,115.52 | -          | -         | -          | -         | \$     |           |
| B-10-121         | Supply Linear Diffuser with plenum box and volume damper, 1200 mm x 150 mm                     | unit               | \$ 269.92        | 17.00  | \$ 4,588.64  | -         | -          | \$       | \$ 4,588.64  | -          | -         | -          | -         | \$     |           |
| B-10-122         | Return Linear grille, 1200 mm x 150 mm   | unit               | \$ 269.92        | 13.00  | \$ 3,464.55  | -         | -          | \$       | \$ 3,464.55  | -          | -         | -          | -         | \$     |           |
| B-10-123         | Supply Celling diffuser 4-way with volume damper, 250 mm x 250mm                               | unit               | \$ 317.16        | 13.00  | \$ 4,123.08  | -         | -          | \$       | \$ 4,123.08  | -          | -         | -          | -         | \$     |           |
| B-10-124         | Supply Celling diffuser 4-way with volume damper, 350 mm x 350mm                               | unit               | \$ 107.97        | 3.00   | \$ 323.91    | -         | -          | \$       | \$ 323.91    | -          | -         | -          | -         | \$     |           |
| B-10-125         | Exhaust Air Grille, 200 mm x 200 mm  | unit               | \$ 202.44        | 3.00   | \$ 607.32    | -         | -          | \$       | \$ 607.32    | -          | -         | -          | -         | \$     |           |
| B-10-126         | Exhaust Air Louver, 450 m x 200 mm   | unit               |                  |        |              |           |            |          |              |            |           |            |           |        | \$ 607.32 |

# NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL

ICB/050/MOH-2022

Project Name : New Construction of Pediatric And ICU Building of The Guido Valdáres National Hospital  
 Project Owner : Guido Valdáres National Hospital  
 Consultant : PT. Binaanua Surya Cipta Joint Venture Raciño Plan Consultant, LDA  
 Location : Guido Valdáres National Hospital Dili - Timor Leste

| Item No    | Description  | OWNER ESTIMATION  |                  |        |              |          |            | VERIFIED BY ADN IP |              |          |            |           |              |
|------------|--|-------------------|------------------|--------|--------------|----------|------------|--------------------|--------------|----------|------------|-----------|--------------|
|            |  | Original Contract |                  |        | Revised      |          |            | Cost               |              |          | Revised    |           |              |
|            |  | Unit              | Unit Price (USD) | Qty    | Cost Amount  | Quantity | Additional | Deduction          | Amount       | Quantity | Additional | Deduction | Amount       |
| B-10-12.7  | Return Air Grille, 600 mm x 200 mm   | piece             | \$ 161.95        | 13.00  | \$ 2,105.35  | -        | -          | -                  | \$ 2,105.35  | -        | -          | -         | \$ 2,105.35  |
| B-10-12.8  | Exhaust Air Louver, 200 mm x 200 mm  | piece             | \$ 80.98         | 61.00  | \$ 4,939.78  | -        | -          | -                  | \$ 4,939.78  | -        | -          | -         | \$ 4,939.78  |
| B-10-12.9  | Air Inlet Louver, Louver, 200 mm x 200 mm  | piece             | \$ 80.98         | 16.00  | \$ 1,295.68  | -        | -          | -                  | \$ 1,295.68  | -        | -          | -         | \$ 1,295.68  |
| B-10-12.10 | Air Inlet Louver, Louver, 400 mm x 200 mm  | piece             | \$ 125.21        | 5.00   | \$ 641.05    | -        | -          | -                  | \$ 641.05    | -        | -          | -         | \$ 641.05    |
| B-10-12.11 | Supply Air Grille, 500 mm x 200 mm   | piece             | \$ 145.46        | 4.00   | \$ 581.84    | -        | -          | -                  | \$ 581.84    | -        | -          | -         | \$ 581.84    |
| B-10-12.12 | Supply Air Grille with Volume Damper, 400 mm x 200 mm  | piece             | \$ 337.40        | 7.00   | \$ 2,361.80  | -        | -          | -                  | \$ 2,361.80  | -        | -          | -         | \$ 2,361.80  |
| B-10-12.13 | Air Inlet Louver, 600 mm x 400 mm  | piece             | \$ 276.67        | 1.00   | \$ 276.67    | -        | -          | -                  | \$ 276.67    | -        | -          | -         | \$ 276.67    |
| B-10-12.14 | Return Air Grille, 550 mm x 200 mm   | piece             | \$ 161.95        | 1.00   | \$ 161.95    | -        | -          | -                  | \$ 161.95    | -        | -          | -         | \$ 161.95    |
| B-10-12.15 | Exhaust Air Louver, 450 mm x 200 mm  | piece             | \$ 202.44        | 3.00   | \$ 607.32    | -        | -          | -                  | \$ 607.32    | -        | -          | -         | \$ 607.32    |
| B-10-12.16 | Laminar Flow Diffuser, 1200 mm x 600 mm  | piece             | \$ 1,997.41      | 4.00   | \$ 7,989.64  | -        | -          | -                  | \$ 7,989.64  | -        | -          | -         | \$ 7,989.64  |
| B-10-12.17 | Return Air Grille, 1000 mm x 400 mm  | piece             | \$ 256.42        | 4.00   | \$ 1,025.68  | -        | -          | -                  | \$ 1,025.68  | -        | -          | -         | \$ 1,025.68  |
| B-10-12.18 | Exhaust Air grille, 700 mm x 150 mm  | piece             | \$ 229.43        | 1.00   | \$ 229.43    | -        | -          | -                  | \$ 229.43    | -        | -          | -         | \$ 229.43    |
| B-10-12.19 | Exhaust Air Louver, 560 mm and 400 mm  | piece             | \$ 183.42        | 1.00   | \$ 183.42    | -        | -          | -                  | \$ 183.42    | -        | -          | -         | \$ 183.42    |
| B-10-12.20 | Exhaust Air Louver, 400 mm x 400 mm  | piece             | \$ 188.94        | 4.00   | \$ 755.76    | -        | -          | -                  | \$ 755.76    | -        | -          | -         | \$ 755.76    |
| B-10-12.21 | Exhaust Air Louver, 350 mm x 400 mm  | piece             | \$ 283.42        | 1.00   | \$ 283.42    | -        | -          | -                  | \$ 283.42    | -        | -          | -         | \$ 283.42    |
| B-10-12.22 | Exhaust Air Louver, 650 mm x 650 mm  | piece             | \$ 445.37        | 1.00   | \$ 445.37    | -        | -          | -                  | \$ 445.37    | -        | -          | -         | \$ 445.37    |
| B-10-12.23 | Acoustic Louver, 1600 mm x 3400 mm   | piece             | \$ 1,668.62      | 1.00   | \$ 1,668.62  | -        | -          | -                  | \$ 1,668.62  | -        | -          | -         | \$ 1,668.62  |
| B-10-12.24 | Acoustic Louver, 3000 mm x 3400 mm   | piece             | \$ 3,166.16      | 1.00   | \$ 3,166.16  | -        | -          | -                  | \$ 3,166.16  | -        | -          | -         | \$ 3,166.16  |
| B-10-12.25 | Window Type Unitary Air Conditioning unit, 0.63 Tons of Refrigeration (0.63 KG/HY) 230v-1-ph-60 Hz | piece             | \$ 404.86        | 11.00  | \$ 4,451.68  | -        | -          | -                  | \$ 4,451.68  | -        | -          | -         | \$ 4,451.68  |
| B-10-12.26 | Air Conditioning Ducts   |                   |                  |        |              |          |            |                    |              |          |            |           |              |
| B-10-13.1  | Galvanized Sheet metal, hot dipgal conforming to ASTM A575 & A527                                  |                   |                  |        |              |          |            |                    |              |          |            |           |              |
| B-10-13.2  | US standard Gage 24, (One largest side up to 450 mm)   | m2                | \$ 7.56          | 403.00 | \$ 3,046.68  | -        | -          | -                  | \$ 3,046.68  | -        | -          | -         | \$ 3,046.68  |
| B-10-13.3  | US standard Gage 22, (One largest side from 500 mm to 1200 mm)                                     | m2                | \$ 11.07         | 231.00 | \$ 2,557.17  | -        | -          | -                  | \$ 2,557.17  | -        | -          | -         | \$ 2,557.17  |
| B-10-13.4  | Duct hangers supports, lugs sleeves and accessories  | set               | \$ 674.80        | 1.00   | \$ 674.80    | -        | -          | -                  | \$ 674.80    | -        | -          | -         | \$ 674.80    |
| B-10-13.5  | Duct insulation, Polyisocyanate closed cell WITH ALUMINUM FOIL, 25 mm thick                        | m2                | \$ 3.58          | 64.00  | \$ 229.12    | -        | -          | -                  | \$ 229.12    | -        | -          | -         | \$ 229.12    |
| B-10-13.6  | Flexible duct with insulation, 200 mm diameter   | m                 | \$ 80.98         | 6.00   | \$ 485.88    | -        | -          | -                  | \$ 485.88    | -        | -          | -         | \$ 485.88    |
| B-10-13.7  | Flexible duct with insulation, 250 mm diameter   | m                 | \$ 107.97        | 46.00  | \$ 4,966.62  | -        | -          | -                  | \$ 4,966.62  | -        | -          | -         | \$ 4,966.62  |
| B-10-14    | Air Filters  |                   |                  |        |              |          |            |                    |              |          |            |           |              |
| B-10-14.1  | Hepa Filter, 99.97% Dust spot Efficiency with protective casing #.250 CFV                          | pc                | \$ 209.19        | 3.00   | \$ 627.57    | -        | -          | -                  | \$ 627.57    | -        | -          | -         | \$ 627.57    |
| B-10-14.2  | Pre-filter, 25% efficiency for FCU-1, FCU-4 and FCU-9  | pc                | \$ 67.48         | 17.00  | \$ 1,147.16  | -        | -          | -                  | \$ 1,147.16  | -        | -          | -         | \$ 1,147.16  |
| B-10-14.3  | Final Filter, 99% efficiency for FCU-4   | pc                | \$ 80.98         | 6.00   | \$ 485.88    | -        | -          | -                  | \$ 485.88    | -        | -          | -         | \$ 485.88    |
| B-10-15    | Ventilation Fans   |                   |                  |        |              |          |            |                    |              |          |            |           |              |
| B-10-15.1  | EF-1, In-line Centrifugal Extractor fan, 800 cfm capacity, 25 mm External                          | piece             | \$ 526.34        | 1.00   | \$ 526.34    | -        | -          | -                  | \$ 526.34    | -        | -          | -         | \$ 526.34    |
| B-10-15.2  | Static Pressure, 230 v-1-ph-60 Hz.   | piece             | \$ 499.35        | 5.00   | \$ 2,496.75  | -        | -          | -                  | \$ 2,496.75  | -        | -          | -         | \$ 2,496.75  |
| B-10-15.3  | EF-2, In-line Centrifugal Extractor fan, 1650 cfm capacity, 10 mm External                         | piece             | \$ 1,174.15      | 1.00   | \$ 1,174.15  | -        | -          | -                  | \$ 1,174.15  | -        | -          | -         | \$ 1,174.15  |
| B-10-15.4  | Static Pressure, 230 v-1-ph-60 Hz.   | piece             | \$ 1,228.14      | 1.00   | \$ 1,228.14  | -        | -          | -                  | \$ 1,228.14  | -        | -          | -         | \$ 1,228.14  |
| B-10-15.5  | EF-4, In-line Centrifugal Supply fan, 1775 cfm capacity, 20 mm External                            | piece             | \$ 1,228.14      | 1.00   | \$ 1,228.14  | -        | -          | -                  | \$ 1,228.14  | -        | -          | -         | \$ 1,228.14  |
| B-10-15.6  | Static Pressure, 230 v-1-ph-60 Hz.   | piece             | \$ 228.08        | 47.00  | \$ 10,719.76 | -        | -          | -                  | \$ 10,719.76 | -        | -          | -         | \$ 10,719.76 |
| B-10-15.7  | CFE-2, Ceiling Centrifugal Extractor fan, 1775 cfm capacity, 20 mm External                        | piece             | \$ 323.90        | 3.00   | \$ 971.70    | -        | -          | -                  | \$ 971.70    | -        | -          | -         | \$ 971.70    |
| B-10-15.8  | External Static pressure, 230 v-1-ph-60 Hz.  | piece             | \$ 242.93        | 13.00  | \$ 3,158.09  | -        | -          | -                  | \$ 3,158.09  | -        | -          | -         | \$ 3,158.09  |
| B-10-15.9  | CFE-4, Ceiling Cassette type exhaust fan, 120 cfm capacity, 6 mm External                          | piece             | \$ 256.42        | 6.00   | \$ 1,538.52  | -        | -          | -                  | \$ 1,538.52  | -        | -          | -         | \$ 1,538.52  |
| B-10-15.10 | External Static pressure, 230 v-1-ph-60 Hz.  | piece             | \$ 256.42        | 3.00   | \$ 760.26    | -        | -          | -                  | \$ 760.26    | -        | -          | -         | \$ 760.26    |
| B-10-15.11 | CFE-1, Propeller wall mounted type exhaust fan, 180 cfm capacity, 230 v-1-ph-60 Hz.                | piece             | \$ 404.83        | 6.00   | \$ 2,429.28  | -        | -          | -                  | \$ 2,429.28  | -        | -          | -         | \$ 2,429.28  |
|            | Wheeler hood, 125 cfm capacity, 230 v-1-ph-60 Hz.  |                   |                  |        |              |          |            |                    |              |          |            |           |              |



**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**  
**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Benanun Surya Cipta Joint Venture Rachin Plan Consultant LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No                     | Description  | Original Contract |                  |          |              |            |      | Owner Estimation |      |              |          |            |           | Verified by ADN IP |           |              |              |  |  |
|-----------------------------|--|-------------------|------------------|----------|--------------|------------|------|------------------|------|--------------|----------|------------|-----------|--------------------|-----------|--------------|--------------|--|--|
|                             |  | Unit              | Unit Price (USD) | Qty      | Cost Amount  | Additional |      | Deduction        |      | Amount       | Quantity | Additional | Deduction | Additional         | Deduction | Cost         | Am-          |  |  |
|                             |  |                   |                  |          |              | Revised    | Cert | Revised          | Cert |              |          |            |           |                    |           |              |              |  |  |
| B-10-16                     | Ventilation Ducts  | m <sup>2</sup>    | \$ 7.56          | 318.00   | \$ 2,404.08  | -          | -    | -                | -    | \$ 2,404.08  | -        | -          | -         | -                  | -         | \$ 2,404.08  | \$ 420.66    |  |  |
| B-10-16.1                   | US standard Gage 24. (Duct largest side up to 450 mm)  | m <sup>2</sup>    | \$ 11.07         | 38.00    | \$ 420.66    | -          | -    | -                | -    | \$ 420.66    | -        | -          | -         | -                  | -         | \$ 420.66    | \$ 674.80    |  |  |
| B-10-16.2                   | US standard Gage 22. (Duct largest side from 500 mm to 1200 mm)  | m <sup>2</sup>    | \$ 674.80        | 1.00     | \$ 674.80    | -          | -    | -                | -    | \$ 674.80    | -        | -          | -         | -                  | -         | \$ 674.80    | \$ 674.80    |  |  |
| B-10-16.3                   | Duct hangers supports, duct sleeves and accessories  | ls                | \$ 66,413.82     | 1.00     | \$ 66,413.82 | -          | -    | -                | -    | \$ 66,413.82 | -        | -          | -         | -                  | -         | \$ 66,413.82 | \$ 66,413.82 |  |  |
| B-10-17                     | Medical Gas  | set               | \$ 7,895.16      | 1.00     | \$ 7,895.16  | -          | -    | -                | -    | \$ 7,895.16  | -        | -          | -         | -                  | -         | \$ 7,895.16  | \$ 7,895.16  |  |  |
| B-10-17.1                   | Medical Oxygen Generator Plant consists of Compressor, Dryer, Filters, Air receiver, Oxygen generator, and oxygen buffer tank complete with accessories. | set               | \$ 5,263.44      | 1.00     | \$ 5,263.44  | -          | -    | -                | -    | \$ 5,263.44  | -        | -          | -         | -                  | -         | \$ 5,263.44  | \$ 5,263.44  |  |  |
| B-10-17.2                   | Medical Vacuum Plant, Trivac type has one main unit, 1.5 hp each, complete with tank, control panel and accessories                                      | set               | \$ 14,784.00     | 1.00     | \$ 14,784.00 | -          | -    | -                | -    | \$ 14,784.00 | -        | -          | -         | -                  | -         | \$ 14,784.00 | \$ 14,784.00 |  |  |
| B-10-17.3                   | Medical Oxygen Manifold, automatic changeover complete with 12 oxygen cylinders per bank x 2 banks, and control cabinet                                  | set               | \$ 20,917.60     | 1.00     | \$ 20,917.60 | -          | -    | -                | -    | \$ 20,917.60 | -        | -          | -         | -                  | -         | \$ 20,917.60 | \$ 20,917.60 |  |  |
| B-10-17.4                   | Medical Gas pipe Copper, seamless type L, ASTM BR19, hard temper 1/2 inch dia.   | m                 | \$ 9.24          | 1,600.00 | \$ 14,784.00 | -          | -    | -                | -    | \$ 14,784.00 | -        | -          | -         | -                  | -         | \$ 14,784.00 | \$ 14,784.00 |  |  |
| B-10-17.4.1                 | 3/4 inch dia.  | m                 | \$ 15.72         | 1,330.00 | \$ 20,917.60 | -          | -    | -                | -    | \$ 20,917.60 | -        | -          | -         | -                  | -         | \$ 20,917.60 | \$ 20,917.60 |  |  |
| B-10-17.4.2                 | 1 inch dia.  | m                 | \$ 24.70         | 1,650.00 | \$ 4,075.50  | -          | -    | -                | -    | \$ 4,075.50  | -        | -          | -         | -                  | -         | \$ 4,075.50  | \$ 4,075.50  |  |  |
| B-10-17.4.3                 | 1 1/4 inch dia.  | m                 | \$ 31.31         | 60.00    | \$ 1,878.60  | -          | -    | -                | -    | \$ 1,878.60  | -        | -          | -         | -                  | -         | \$ 1,878.60  | \$ 1,878.60  |  |  |
| B-10-17.4.4                 | 1 1/2 inch dia.  | m                 | \$ 38.60         | 140.00   | \$ 5,044.00  | -          | -    | -                | -    | \$ 5,044.00  | -        | -          | -         | -                  | -         | \$ 5,044.00  | \$ 5,044.00  |  |  |
| B-10-17.4.5                 | 1 1/2 inch dia.  | m                 | \$ 50.98         | 110.00   | \$ 5,522.80  | -          | -    | -                | -    | \$ 5,522.80  | -        | -          | -         | -                  | -         | \$ 5,522.80  | \$ 5,522.80  |  |  |
| B-10-17.4.6                 | 2 inch dia.  | m                 | \$ 64.38         | 22.00    | \$ 1,416.36  | -          | -    | -                | -    | \$ 1,416.36  | -        | -          | -         | -                  | -         | \$ 1,416.36  | \$ 1,416.36  |  |  |
| B-10-17.4.7                 | 2 1/2 inch dia.  | m                 | \$ 99.40         | 70.00    | \$ 9,825.20  | -          | -    | -                | -    | \$ 9,825.20  | -        | -          | -         | -                  | -         | \$ 9,825.20  | \$ 9,825.20  |  |  |
| B-10-17.4.8                 | 3 inch dia.  | m                 | \$ 140.36        | -        | -            | -          | -    | -                | -    | -            | -        | -          | -         | -                  | -         | -            | -            |  |  |
| B-10-17.4.9                 | 4 inch dia.  | m                 | \$ 140.36        | 70.00    | \$ 9,825.20  | -          | -    | -                | -    | \$ 9,825.20  | -        | -          | -         | -                  | -         | \$ 9,825.20  | \$ 9,825.20  |  |  |
| B-10-17.5                   | Isolation Valves, Bronze ball type for medical gas use   | piece             | \$ 11.98         | 5.00     | \$ 59.40     | -          | -    | -                | -    | \$ 59.40     | -        | -          | -         | -                  | -         | \$ 59.40     | \$ 59.40     |  |  |
| B-10-17.5.1                 | 1/2 inch dia.  | piece             | \$ 15.55         | 11.00    | \$ 138.05    | -          | -    | -                | -    | \$ 138.05    | -        | -          | -         | -                  | -         | \$ 138.05    | \$ 138.05    |  |  |
| B-10-17.5.2                 | 3/4 inch dia.  | piece             | \$ 22.27         | 5.00     | \$ 111.35    | -          | -    | -                | -    | \$ 111.35    | -        | -          | -         | -                  | -         | \$ 111.35    | \$ 111.35    |  |  |
| B-10-17.5.3                 | 1 inch dia.  | piece             | \$ 35.49         | 5.00     | \$ 177.45    | -          | -    | -                | -    | \$ 177.45    | -        | -          | -         | -                  | -         | \$ 177.45    | \$ 177.45    |  |  |
| B-10-17.5.4                 | 1 1/4 inch dia.  | piece             | \$ 45.59         | 8.00     | \$ 386.72    | -          | -    | -                | -    | \$ 386.72    | -        | -          | -         | -                  | -         | \$ 386.72    | \$ 386.72    |  |  |
| B-10-17.5.5                 | 1 1/2 inch dia.  | piece             | \$ 82.06         | 7.00     | \$ 574.42    | -          | -    | -                | -    | \$ 574.42    | -        | -          | -         | -                  | -         | \$ 574.42    | \$ 574.42    |  |  |
| B-10-17.5.6                 | 2 inch dia.  | piece             | \$ 201.63        | 1.00     | \$ 201.63    | -          | -    | -                | -    | \$ 201.63    | -        | -          | -         | -                  | -         | \$ 201.63    | \$ 201.63    |  |  |
| B-10-17.5.7                 | 2 1/2 inch dia.  | piece             | \$ 431.87        | 1.00     | \$ 431.87    | -          | -    | -                | -    | \$ 431.87    | -        | -          | -         | -                  | -         | \$ 431.87    | \$ 431.87    |  |  |
| B-10-17.6                   | Check Valves with copper extension for medical gas use   | piece             | \$ 284.97        | 2.00     | \$ 569.94    | -          | -    | -                | -    | \$ 569.94    | -        | -          | -         | -                  | -         | \$ 569.94    | \$ 569.94    |  |  |
| B-10-17.6.1                 | 1 1/2 inch dia.  | lot               | \$ 539.84        | 1.00     | \$ 539.84    | -          | -    | -                | -    | \$ 539.84    | -        | -          | -         | -                  | -         | \$ 539.84    | \$ 539.84    |  |  |
| B-10-17.6.2                 | Pipe changers and supports and markings  | piece             | \$ 94.47         | 178.00   | \$ 16,815.66 | -          | -    | -                | -    | \$ 16,815.66 | -        | -          | -         | -                  | -         | \$ 16,815.66 | \$ 16,815.66 |  |  |
| B-10-17.6.3                 | Medical Oxygen Outlets   | piece             | \$ 53.98         | 179.00   | \$ 9,662.42  | -          | -    | -                | -    | \$ 9,662.42  | -        | -          | -         | -                  | -         | \$ 9,662.42  | \$ 9,662.42  |  |  |
| B-10-17.6.4                 | Medical Vacuum Outlets   | piece             | \$ 728.78        | 5.00     | \$ 3,643.90  | -          | -    | -                | -    | \$ 3,643.90  | -        | -          | -         | -                  | -         | \$ 3,643.90  | \$ 3,643.90  |  |  |
| B-10-17.6.5                 | Zinc Valve Box and Area Alarm Assembly/Box   | set               | \$ 404.88        | 1.00     | \$ 404.88    | -          | -    | -                | -    | \$ 404.88    | -        | -          | -         | -                  | -         | \$ 404.88    | \$ 404.88    |  |  |
| B-10-17.6.6                 | Main Alarm Panel   | set               | \$ 350.90        | 1.00     | \$ 350.90    | -          | -    | -                | -    | \$ 350.90    | -        | -          | -         | -                  | -         | \$ 350.90    | \$ 350.90    |  |  |
| B-10-17.6.7                 | Secondary Alarm Panel  | set               | \$ 269.92        | 1.00     | \$ 269.92    | -          | -    | -                | -    | \$ 269.92    | -        | -          | -         | -                  | -         | \$ 269.92    | \$ 269.92    |  |  |
| <b>B11 ELECTRICAL WORKS</b> |  | <b>Sub Total</b>  |                  |          |              |            |      | \$ 1,201,225.53  |      |              |          |            |           | \$ 818,308.19      |           |              |              |  |  |
| B-11-01                     | Electrical Installation  | ls                | \$ 2,410.00      | 1.00     | \$ 2,410.00  | -          | -    | -                | -    | \$ 2,410.00  | -        | -          | -         | -                  | -         | \$ 2,410.00  | \$ 2,410.00  |  |  |
| B-11-01.1                   | High Voltage Work  | ls                | \$ 1,041.89      | 6.00     | \$ 6,251.34  | -          | -    | -                | -    | \$ 6,251.34  | -        | -          | -         | -                  | -         | \$ 6,251.34  | \$ 6,251.34  |  |  |
| B-11-01.1.1                 | Site Work  | ls                | \$ 1.48          | 287.00   | \$ 424.76    | -          | -    | -                | -    | \$ 424.76    | -        | -          | -         | -                  | -         | \$ 424.76    | \$ 424.76    |  |  |
| B-11-01.1.2.1               | Tapping to Existing 20 KV OH Distribution Lines at Main Access Road  | ls                | \$ 809.76        | 1.00     | \$ 809.76    | -          | -    | -                | -    | \$ 809.76    | -        | -          | -         | -                  | -         | \$ 809.76    | \$ 809.76    |  |  |
| B-11-01.1.2.2               | Concrete Utility Poles with Guy Wires  | set               | \$ 519.84        | 1.00     | \$ 519.84    | -          | -    | -                | -    | \$ 519.84    | -        | -          | -         | -                  | -         | \$ 519.84    | \$ 519.84    |  |  |
| B-11-01.1.2.3               | ACSR Wiring  | set               | \$ 269.92        | 1.00     | \$ 269.92    | -          | -    | -                | -    | \$ 269.92    | -        | -          | -         | -                  | -         | \$ 269.92    | \$ 269.92    |  |  |
| B-11-01.1.2.4               | Cross-Arms and OH Line Accessories   | set               | \$ 269.92        | 1.00     | \$ 269.92    | -          | -    | -                | -    | \$ 269.92    | -        | -          | -         | -                  | -         | \$ 269.92    | \$ 269.92    |  |  |
| B-11-01.1.2.5               | Trimming of Trees/Obstructions at OH Distribution Line Proposed Route  | ls                | \$ 269.92        | 1.00     | \$ 269.92    | -          | -    | -                | -    | \$ 269.92    | -        | -          | -         | -                  | -         | \$ 269.92    | \$ 269.92    |  |  |
| B-11-01.1.3.1               | Excavation   | ls                | \$ 269.92        | 1.00     | \$ 269.92    | -          | -    | -                | -    | \$ 269.92    | -        | -          | -         | -                  | -         | \$ 269.92    | \$ 269.92    |  |  |



AGENCIA DE GESTIÓN GOVERNATIVO NACIONAL (AGDN)

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**

**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadars National Hospital  
 Project Owner : Guido Valadars National Hospital  
 Consultant : PT Bernain Syarif Cipta Jaya Venture Rachin Piatu Consultant, LDA  
 Location : Guido Valadars National Hospital, Dist - Timor Leste

| Item No        | Description  | OWNER ESTIMATION  |                  |        |              |            |           | VERIFIED BY ADN IP |           |              |              |           |              |
|----------------|--|-------------------|------------------|--------|--------------|------------|-----------|--------------------|-----------|--------------|--------------|-----------|--------------|
|                |  | Original Contract |                  |        | Revised Cost |            |           | Quantity           |           |              | Revised Cost |           |              |
|                |  | Unit              | Unit Price (USD) | Qty    | Cost Amount  | Additional | Deduction | Additional         | Deduction | Amount       | Additional   | Deduction | Amount       |
| B-11-01.1.3.2  | 3.0 AWG, Copper Cable, Rated at 35 KV, TR-XLPE Type  | M                 | \$ 10.26         | 201.00 | \$ 2,062.26  | -          | -         | -                  | -         | \$ 2,062.26  | -            | -         | \$ -         |
| B-11-01.1.3.3  | Concrete Encasement  | Ls                | \$ 30.47         | 1.00   | \$ 1,980.55  | -          | -         | -                  | -         | \$ 1,980.55  | -            | -         | \$ -         |
| B-11-01.1.3.4  | Conduits and Accessories   | M                 | \$ 271.27        | 1.00   | \$ 271.27    | -          | -         | -                  | -         | \$ 271.27    | -            | -         | \$ -         |
| B-11-01.2      | Low Voltage Work   |                   |                  |        |              |            |           |                    |           |              |              |           |              |
| B-11-01.2.1.1  | Switchgears, Power and Lighting Distribution Panelboards LVFG Including the Automatic Transfer Switch Circuit Breakers                 |                   |                  |        |              |            |           |                    |           |              |              |           |              |
| B-11-01.2.1.2  | PP Main 200A/225A/AT/3P, Br. 1-20A/T/100AF 3P, 1-30A/T/100AF 2P, 12-20A/T/100AF 3P   | set               | \$ 4,088.80      | 1.00   | \$ 4,088.80  | -          | -         | -                  | -         | \$ 4,088.80  | -            | -         | \$ -         |
| B-11-01.2.1.3  | PP1 Main 300A/400A/AT/3P, Br. 2-30A/T/100AF 3P, 5-70A/T/100AF 2P, 4-40A/T/100AF 2P, 13-20A/T/100AF 2P                                  | set               | \$ 809.76        | 1.00   | \$ 809.76    | -          | -         | -                  | -         | \$ 809.76    | -            | -         | \$ -         |
| B-11-01.2.1.4  | PP1A Main 200A/225A/AT/3P, Br. 12-30A/T/100AF 3P, 3-20A/T/100AF 2P   | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.5  | PP1B Main: 300A/400A/AT/3P, Br. 1-175A/T/225AF 3P, 1-40A/T/100AF 3P, 3-30A/T/100AF 2P  | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.6  | PP2 Main: 225A/225AT/3P, Br. 3-30A/T/100AF 3P, 21-20A/T/100AF 2P   | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.7  | PP2A Main: 60A/T/100A/AT/3P, Br. 4-30A/T/100AF 2P, 4-20A/T/100AF 2P  | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.8  | PP3 Main: 100A/100A/T/2P, Br. 1-30A/T/100AF 2P, 19-20A/T/100AF 2P  | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.9  | PP3A Main: 100A/F/100A/T/3P, Br. 16-30A/T/100AF 2P, 4-20A/T/100AF 2P   | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.10 | PP4 Main: 400A/400A/AT/3P, Br. 8-30A/T/100AF 3P, 5-30A/T/100AF 3P, 11-20A/T/100AF 2P   | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.11 | PP4A Main: 225A/225AT/3P, Br. 3-70A/T/100AF 2P, 3-50A/T/100AF 2P, 2P, 1-40A/T/100AF 2P, 6-30A/T/100AF 2P.                              | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.12 | PP5 Main: 400A/400A/AT/3P, Br. 7-30A/T/100AF 3P, 1-70A/T/100AF 2P, 2-50A/T/100AF 2P, 14-20A/T/100AF 2P                                 | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.13 | PP5A Main: 200A/225AT/3P, Br. 3-60A/T/100AF 3P, 6-30A/T/100AF 2P, 2P, 11-20A/T/100AF 2P  | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.14 | LP1 Main: 100A/F/100A/T/3P, Br. 24-20A/T/100AF 2P  | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.15 | LP2 Main: 80A/F/100A/T/3P, Br. 18-20A/T/100AF 2P   | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.16 | LP3 Main: 80A/F/100A/T/3P, Br. 20-20A/T/100AF 2P   | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.17 | LP4 Main: 80A/F/100A/T/3P, Br. 20-20A/T/100AF 2P   | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.1.18 | LP5 Main: 80A/F/100A/T/3P, Br. 16-20A/T/100AF 2P   | set               | \$ 674.80        | 1.00   | \$ 674.80    | -          | -         | -                  | -         | \$ 674.80    | -            | -         | \$ -         |
| B-11-01.2.2    | Enclosed Circuit Breakers, for service protection of all ACCUS, Elevators, Water Transfer Pumps, Vacuum Pumps, Submersible Pumps, etc. | set               | \$ 809.76        | 71.00  | \$ 57,392.96 | -          | -         | -                  | -         | \$ 57,392.96 | -            | -         | \$ -         |
| B-11-01.3      | Wires and Cables   |                   |                  |        |              |            |           |                    |           |              |              |           |              |
| B-11-01.3.1    | Copper Wire, mm <sup>2</sup> , type Coflex insulation as shown below:  |                   |                  |        |              |            |           |                    |           |              |              |           |              |
| B-11-01.3.1.1  | 500 mm <sup>2</sup> Copper Wire, THHN/THWN   | set               | \$ 70.85         | 630.00 | \$ 44,635.50 | -          | -         | -                  | -         | \$ 44,635.50 | -            | -         | \$ -         |
| B-11-01.3.1.2  | 250 mm <sup>2</sup> Copper Wire, THHN/THWN   | set               | \$ 34.68         | 200.00 | \$ 6,936.00  | -          | -         | -                  | -         | \$ 6,936.00  | -            | -         | \$ -         |
| B-11-01.3.1.3  | 150 mm <sup>2</sup> Copper Wire, THHN/THWN   | set               | \$ 24.83         | 60.00  | \$ 1,489.80  | -          | -         | -                  | -         | \$ 1,489.80  | -            | -         | \$ -         |
| B-11-01.3.1.4  | 125 mm <sup>2</sup> Copper Wire, THHN/THWN   | mir               | \$ 19.16         | 90.00  | \$ 1,724.40  | -          | -         | -                  | -         | \$ 1,724.40  | -            | -         | \$ -         |
| B-11-01.3.1.5  | 100 mm <sup>2</sup> Copper Wire, THHN/THWN   | mir               | \$ 12.92         | 265.00 | \$ 3,633.70  | -          | -         | -                  | -         | \$ 3,633.70  | -            | -         | \$ -         |
|                |  |                   |                  |        |              |            |           |                    |           |              |              |           | \$ 16,531.70 |



AGENCIA DE DESARROLLO NACIONAL

## NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO VALADARES NATIONAL HOSPITAL

**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadars National Hospital  
 Project Owner : Guido Valadars National Hospital  
 Consultant : PT Beaufit Surya Cipta Joint Venture Reclain Plan Consultant, LDA  
 Location : Guido Valadars National Hospital, Dili - Timor Leste

| Item No         | Description  | Original Contract |                  |          |              |                      |      | Owner Estimation |          |                      |              |        |          | VERIFIED BY ADN IP   |              |        |      |      |  |
|-----------------|--|-------------------|------------------|----------|--------------|----------------------|------|------------------|----------|----------------------|--------------|--------|----------|----------------------|--------------|--------|------|------|--|
|                 |  | Unit              | Unit Price (USD) | Qty      | Cost Amount  | Additional Deduction | Cost | Amount           | Quantity | Additional Deduction | Cost         | Amount | Quantity | Additional Deduction | Cost         | Amount |      |      |  |
| B-11-013.1.6    | 80 mm <sup>2</sup> Copper Wire, THW                  | M                 | \$ 12.15         | 135.00   | \$ 1,640.25  | -                    | \$ - | \$ -             | S 11.47  | 160.00               | \$ 1,835.20  | -      | S 11.47  | 160.00               | \$ 1,640.25  | -      | \$ - | \$ - |  |
| B-11-013.1.7    | 70 mm <sup>2</sup> Copper Wire, TW                   | M                 | \$ 11.47         | 65.00    | \$ 716.50    | -                    | \$ - | \$ -             | S 9.04   | 50.00                | \$ 357.50    | -      | S 9.04   | 50.00                | \$ 357.50    | -      | \$ - | \$ - |  |
| B-11-013.1.8    | 60 mm <sup>2</sup> Copper Wire, THHN/THWN            | M                 | \$ 11.47         | 30.00    | \$ 344.10    | -                    | \$ - | \$ -             | S 7.15   | 40.00                | \$ 283.20    | -      | S 7.15   | 40.00                | \$ 283.20    | -      | \$ - | \$ - |  |
| B-11-013.1.9    | 50 mm <sup>2</sup> Copper Wire, TW                   | M                 | \$ 11.47         | 22.00    | \$ 252.34    | -                    | \$ - | \$ -             | S 3.10   | 32.00                | \$ 1,007.50  | -      | S 3.10   | 32.00                | \$ 1,007.50  | -      | \$ - | \$ - |  |
| B-11-013.1.10   | 30 mm <sup>2</sup> Copper Wire, TW                   | M                 | \$ 11.47         | 16.00    | \$ 183.52    | -                    | \$ - | \$ -             | S 3.10   | 87.00                | \$ 2,712.50  | -      | S 3.10   | 87.00                | \$ 2,712.50  | -      | \$ - | \$ - |  |
| B-11-013.1.11   | 22 mm <sup>2</sup> Copper Wire, THHN/THWN            | M                 | \$ 11.47         | 10.00    | \$ 114.70    | -                    | \$ - | \$ -             | S 3.10   | 45.00                | \$ 139.50    | -      | S 3.10   | 45.00                | \$ 139.50    | -      | \$ - | \$ - |  |
| B-11-013.1.12   | 22 mm <sup>2</sup> Copper Wire, THW                  | M                 | \$ 11.47         | 8.00     | \$ 91.76     | -                    | \$ - | \$ -             | S 1.62   | 50.00                | \$ 81.00     | -      | S 1.62   | 50.00                | \$ 81.00     | -      | \$ - | \$ - |  |
| B-11-013.1.13   | 22 mm <sup>2</sup> Copper Wire, TW                   | M                 | \$ 11.47         | 6.00     | \$ 68.82     | -                    | \$ - | \$ -             | S 1.62   | 38.00                | \$ 62.37     | -      | S 1.62   | 38.00                | \$ 62.37     | -      | \$ - | \$ - |  |
| B-11-013.1.14   | 14 mm <sup>2</sup> Copper Wire, THW/THWN             | M                 | \$ 11.47         | 4.00     | \$ 55.88     | -                    | \$ - | \$ -             | S 1.62   | 25.00                | \$ 405.00    | -      | S 1.62   | 25.00                | \$ 405.00    | -      | \$ - | \$ - |  |
| B-11-013.1.15   | 14 mm <sup>2</sup> Copper Wire, THW                  | M                 | \$ 11.47         | 3.00     | \$ 41.41     | -                    | \$ - | \$ -             | S 1.11   | 1,200.00             | \$ 1,312.00  | -      | S 1.11   | 1,200.00             | \$ 1,312.00  | -      | \$ - | \$ - |  |
| B-11-013.1.16   | 14 mm <sup>2</sup> Copper Wire, TW                   | M                 | \$ 11.47         | 2.00     | \$ 28.94     | -                    | \$ - | \$ -             | S 0.70   | 4,800.00             | \$ 3,360.00  | -      | S 0.70   | 4,800.00             | \$ 3,360.00  | -      | \$ - | \$ - |  |
| B-11-013.1.17   | 10 mm <sup>2</sup> Copper Wire, TW                   | M                 | \$ 11.47         | 1.00     | \$ 11.47     | -                    | \$ - | \$ -             | S 0.54   | 22,200.00            | \$ 42.00     | -      | S 0.54   | 22,200.00            | \$ 42.00     | -      | \$ - | \$ - |  |
| B-11-013.1.18   | 5.5 mm <sup>2</sup> Copper Wire, THW                 | M                 | \$ 11.47         | 0.50     | \$ 5.73      | -                    | \$ - | \$ -             | S 0.54   | 11,250.00            | \$ 6,075.00  | -      | S 0.54   | 11,250.00            | \$ 6,075.00  | -      | \$ - | \$ - |  |
| B-11-013.1.19   | 5.5 mm <sup>2</sup> Copper Wire, TW                  | M                 | \$ 11.47         | 0.50     | \$ 5.73      | -                    | \$ - | \$ -             | S 0.54   | 11,988.00            | \$ 11,988.00 | -      | S 0.54   | 11,988.00            | \$ 11,988.00 | -      | \$ - | \$ - |  |
| B-11-013.1.20   | 3.5 mm <sup>2</sup> Copper Wire, THW                 | M                 | \$ 11.47         | 0.50     | \$ 5.73      | -                    | \$ - | \$ -             | S 0.54   | 20.00                | \$ 11.47     | -      | S 0.54   | 20.00                | \$ 11.47     | -      | \$ - | \$ - |  |
| B-11-013.1.21   | 3.5 mm <sup>2</sup> Copper Wire, TW                  | M                 | \$ 11.47         | 0.50     | \$ 5.73      | -                    | \$ - | \$ -             | S 0.54   | 11,250.00            | \$ 6,075.00  | -      | S 0.54   | 11,250.00            | \$ 6,075.00  | -      | \$ - | \$ - |  |
| B-11-013.2      | Grounding System Layout                              |                   |                  |          |              |                      |      |                  |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.1    | 100 mm Medium Drawn Bare Copper Wire                 | M                 | \$ 3.78          | 258.00   | \$ 975.24    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.2    | 50 mm Medium Drawn Bare Copper Wire                  | M                 | \$ 2.02          | 182.00   | \$ 367.64    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.3    | 30 mm <sup>2</sup> Copper Wire, TW                   | M                 | \$ 1.10          | 32.00    | \$ 36.00     | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.4    | 14 mm <sup>2</sup> Copper Wire, TW                   | M                 | \$ 0.54          | 470.00   | \$ 253.80    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.5    | 12 mm Dia x 3.0 M. Length                            | M                 | \$ 2.89          | 31.00    | \$ 120.59    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.6    | 25 mm Dia x 3.0 M. Length                            | M                 | \$ 2.35          | 72.00    | \$ 169.20    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.7    | Ground Rod, 20 mm x 3048 mm Long                     | M                 | \$ 83.68         | 4.00     | \$ 334.72    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.8    | Type GT <sup>®</sup> CADWELL Endotracheic Connection | M                 | \$ 121.46        | 34.00    | \$ 4,129.64  | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.9    | Type GT <sup>®</sup> CADWELL Endotracheic Connection | M                 | \$ 267.22        | 34.00    | \$ 9,083.48  | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.10   | Type GT <sup>®</sup> CADWELL Endotracheic Connection | M                 | \$ 317.16        | 25.00    | \$ 7,929.00  | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.2.11   | Conduits   | M                 | \$ 400.83        | 52.00    | \$ 20,943.16 | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.1    | EMT Conduits   | piece             | \$ 3.56          | 921.00   | \$ 3,314.36  | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.1.1  | Azuma Dia. X 3.00 M. Length                          | piece             | \$ 3.56          | 921.00   | \$ 3,314.36  | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2    | IMC Conduits   | set               | \$ 140.36        | 6.00     | \$ 842.16    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.1  | 125mm Dia x 3.0M. Length                             | M                 | \$ 125.78        | 6.00     | \$ 754.68    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.2  | 101.60 mm Dia x 3.0M. Length                         | M                 | \$ 108.51        | 11.00    | \$ 1,193.61  | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.3  | 97mm Dia x 3.0 M. Length                             | M                 | \$ 99.11         | 27.00    | \$ 1,595.97  | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.4  | 65mm Dia x 3.0 M. Length                             | piece             | \$ 34.82         | 18.00    | \$ 626.76    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.5  | 50mm Dia x 3.0 M. Length                             | M                 | \$ 21.59         | 21.00    | \$ 453.39    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.6  | 32mm Dia x 3.0 M. Length                             | M                 | \$ 18.08         | 93.00    | \$ 1,681.44  | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.7  | 25mm Dia x 3.0 M. Length                             | M                 | \$ 10.32         | 1,246.00 | \$ 12,858.72 | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.8  | 20mm Dia x 3.0 M. Length                             | M                 | \$ 5.30          | 63.00    | \$ 343.90    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.9  | 152.4 mm Dia x 3.0 M. Length complete with End Caps  | piece             | \$ 25.64         | 6.00     | \$ 151.84    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.10 | 110 mm Dia x 3.0 M. Length                           | piece             | \$ 23.78         | 3.00     | \$ 71.34     | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.11 | 90 mm Dia x 3.0 M. Length                            | piece             | \$ 21.92         | 26.00    | \$ 569.92    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.12 | 65 mm Dia x 3.0 M. Length                            | piece             | \$ 13.90         | 3.00     | \$ 41.70     | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.13 | 40 mm Dia x 3.0 M. Length                            | piece             | \$ 8.81          | 16.00    | \$ 140.96    | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |
| B-11-013.3.2.14 | 32 mm Dia x 3.0 M. Length                            | piece             | \$ 6.88          | 10.00    | \$ 68.80     | -                    | \$ - | \$ -             |          |                      |              |        |          |                      |              |        |      |      |  |

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**  
**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Binaan Sukses Cipta Joint Venture Radio Plan Consultant, LDA  
 Location : Guido Valadares National Hospital Dist - Timor Leste

| Item No         | Description  | OWNER ESTIMATION  |                  |          |              |            |           | VERIFIED BY ADN IP |            |           |              |     |  |
|-----------------|--|-------------------|------------------|----------|--------------|------------|-----------|--------------------|------------|-----------|--------------|-----|--|
|                 |  | Original Contract |                  |          | Revised      |            |           | Revised            |            |           | Cost         |     |  |
|                 |  | Unit              | Unit Price (USD) | Qty      | Cost Amount  | Additional | Deduction | Quantity           | Additional | Deduction | Amount       | Air |  |
| B-11-01.3.3.8   | 25 mm Dia. x 1.0 M Length  | piece             | \$ 4.66          | 12.00    | \$ 55.92     | -          | -         | -\$                | -          | -         | \$ 55.92     | -   |  |
| B-11-01.3.3.9   | Flexible Metallic Conduit  | piece             | \$ 0.74          | 1,600.00 | \$ 1,184.00  | -          | -         | -\$                | -          | -         | \$ 1,184.00  | -   |  |
| B-11-01.3.3.4.1 | 20mm Dia. Complete with straight and angle connectors  | piece             | \$ 3,643.92      | 1.00     | \$ 3,643.92  | -          | -         | -\$                | -          | -         | \$ 3,643.92  | -   |  |
| B-11-01.3.4     | Gutters and Gutter Trays   | piece             | \$ 6,073.20      | 1.00     | \$ 6,073.20  | -          | -         | -\$                | -          | -         | \$ 6,073.20  | -   |  |
| B-11-01.3.4.1   | Wire Gutter  | piece             | \$ 3,643.92      | 1.00     | \$ 3,643.92  | -          | -         | -\$                | -          | -         | \$ 3,643.92  | -   |  |
| B-11-01.3.4.2   | Cable Trays, 100 mm Width x 100 mm. High. Hot-Dip Galvanized   | piece             | \$ 6,073.20      | 1.00     | \$ 6,073.20  | -          | -         | -\$                | -          | -         | \$ 6,073.20  | -   |  |
| B-11-01.3.5     | Fixtures and Devices   | piece             | \$ 1,184.00      | -        | -            | -          | -         | -\$                | -          | -         | \$ 1,184.00  | -   |  |
| B-11-01.3.5.1   | 2x22W Track-Type with Electronic Ballast   | M                 | \$ 70.18         | 207.00   | \$ 14,527.26 | -          | -         | -\$                | -          | -         | \$ 14,527.26 | -   |  |
| B-11-01.3.5.2   | Downlight with 26W Compact Fluorescent Lamp  | act               | \$ 47.74         | 624.00   | \$ 29,477.76 | -          | -         | -\$                | -          | -         | \$ 29,477.76 | -   |  |
| B-11-01.3.5.3   | Wall-Mounted Light with 15W CFL Bulb   | sct               | \$ 35.74         | 12.00    | \$ 408.88    | -          | -         | -\$                | -          | -         | \$ 408.88    | -   |  |
| B-11-01.3.5.4   | Chandelier Lighting Fixture (Chandelier Box), Assumed Load: 12 x 60W Type "P", Industrial Type with Heavy Gauge Aperture Reflector 2 x 12W   | sct               | \$ 391.38        | 8.00     | \$ 3,131.04  | -          | -         | -\$                | -          | -         | \$ 3,131.04  | -   |  |
| B-11-01.3.5.5   | T8 Fluorescent Lamp  | lot               | \$ 107.97        | 17.00    | \$ 1,835.49  | -          | -         | -\$                | -          | -         | \$ 1,835.49  | -   |  |
| B-11-01.3.5.6   | Type "V", Vaportight Industrial Type with Internal Prismatic Lens, 2 x 32W T8 Fluorescent Lamp   | s                 | \$ 121.46        | 12.00    | \$ 1,457.52  | -          | -         | -\$                | -          | -         | \$ 1,457.52  | -   |  |
| B-11-01.3.5.7   | Emergency Lighting, with 2 x 3W PAR 36 LAMP, 230V, 60Hz  | sct               | \$ 161.95        | 147.00   | \$ 23,806.65 | -          | -         | -\$                | -          | -         | \$ 23,806.65 | -   |  |
| B-11-01.3.5.8   | Exit Light, Type "X", 2 x 8W T8 Fluorescent Lamp   | sct               | \$ 110.67        | 89.00    | \$ 9,849.63  | -          | -         | -\$                | -          | -         | \$ 9,849.63  | -   |  |
| B-11-01.3.5.9   | Single-Gang Switch, Wide Series with LED Indicator   | sct               | \$ 5.40          | 147.00   | \$ 793.80    | -          | -         | -\$                | -          | -         | \$ 793.80    | -   |  |
| B-11-01.3.5.10  | Two-Gang Switch, Wide Series with LED Indicator  | sct               | \$ 6.07          | 38.00    | \$ 534.16    | -          | -         | -\$                | -          | -         | \$ 534.16    | -   |  |
| B-11-01.3.5.11  | Three-Gang Switch, Wide Series with LED Indicator  | sct               | \$ 6.75          | 58.00    | \$ 391.50    | -          | -         | -\$                | -          | -         | \$ 391.50    | -   |  |
| B-11-01.3.5.12  | Three-Way Switch, Wide Series with LED Indicator   | sct               | \$ 6.75          | 35.00    | \$ 236.25    | -          | -         | -\$                | -          | -         | \$ 236.25    | -   |  |
| B-11-01.3.5.13  | Duplex Convenience Outlet, Universal, with Switches  | s                 | \$ 6.75          | 370.00   | \$ 2,497.50  | -          | -         | -\$                | -          | -         | \$ 2,497.50  | -   |  |
| B-11-01.3.5.14  | Duplex C. O., Universal, with Switches mounted on Counterstop  | sct               | \$ 8.10          | 74.80    | \$ 599.40    | -          | -         | -\$                | -          | -         | \$ 599.40    | -   |  |
| B-11-01.3.5.15  | Weatherproof Duplex Convenience Outlet   | sct               | \$ 26.99         | 4.00     | \$ 107.96    | -          | -         | -\$                | -          | -         | \$ 107.96    | -   |  |
| B-11-01.3.5.16  | Air Conditioning Outlet, Universal Type, 3-Prong Terminal  | sct               | \$ 8.10          | 11.00    | \$ 89.10     | -          | -         | -\$                | -          | -         | \$ 89.10     | -   |  |
| B-11-01.3.5.17  | Multi-point Water Heater Outlet, 30 Amp, 240 VAC rating Upfitters, IP 23 HV150 c/w CDM-T 1500Watts, with electronic ballast and prismatic lens (60 degrees round, 7.21 m or 23.04 ft leg asymmetrical), IP 66 casting, Class 1 G12 Socket Type: 220-240V, 50/60 Brand: Pramanticce of Sweden. Available in Singapore | sct               | \$ 67.48         | 4.00     | \$ 269.92    | -          | -         | -\$                | -          | -         | \$ 269.92    | -   |  |
| B-11-01.3.5     | Boxes and Accessories  | piece             | \$ 3.31          | 970.00   | \$ 3,210.70  | -          | -         | -\$                | -          | -         | \$ 3,210.70  | -   |  |
| B-11-01.3.5.1   | Rectangular Box, 54mmx102mmx54mm, 1.2mm thk, CRS Plate   | sct               | \$ 4.05          | 1,027.00 | \$ 4,159.35  | -          | -         | -\$                | -          | -         | \$ 4,159.35  | -   |  |
| B-11-01.3.5.2   | Octagonal Box, 100mmx100mmx55mm, 1.2mm thk, CRS Plate  | sct               | \$ 5.40          | 30.00    | \$ 162.00    | -          | -         | -\$                | -          | -         | \$ 162.00    | -   |  |
| B-11-01.3.5.3   | Square Box, 118mmx118mmx54mm, 1.2mm thk, CRS Plate   | sct               | \$ 701.79        | 1.00     | \$ 701.79    | -          | -         | -\$                | -          | -         | \$ 701.79    | -   |  |
| B-11-01.3.5.4   | Current Transformer Cabinet and KWH Meter and Meter Base   | piece             | \$ 539.84        | 1.00     | \$ 539.84    | -          | -         | -\$                | -          | -         | \$ 539.84    | -   |  |
| B-11-02         | Lightning Arrestor   | piece             | \$ 134.96        | 1.00     | \$ 134.96    | -          | -         | -\$                | -          | -         | \$ 134.96    | -   |  |
| B-11-02.1       | Lightning Arrestor   | piece             | \$ 539.84        | 1.00     | \$ 539.84    | -          | -         | -\$                | -          | -         | \$ 539.84    | -   |  |
| B-11-02.2       | Lightning Event Counter  | piece             | \$ 539.84        | 1.00     | \$ 539.84    | -          | -         | -\$                | -          | -         | \$ 539.84    | -   |  |



**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**  
**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Benaventura Surya Cipta Joint Venture - Racinha Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No       | Description   | OWNER ESTIMATION  |                  |        |              |                      |           | VERIFIED BY ADN IP |                      |           |              |           |              |
|---------------|---|-------------------|------------------|--------|--------------|----------------------|-----------|--------------------|----------------------|-----------|--------------|-----------|--------------|
|               |   | Original Contract |                  |        | Revised Cost |                      |           | Quantity           |                      |           | Revised Cost |           |              |
|               |   | Quantity          | Unit Price (USD) | Qty    | Cost Amount  | Additional Deduction | Deduction | Amount             | Additional Deduction | Deduction | Additional   | Deduction | Amount       |
| B-11-02.3     | Main Grounding Bus Bar, 500mm L x 50 mm W x 6 mm thick, cw with Grounding Terminals, etc.   | piece             | \$ 245.63        | 2.00   | \$ 491.26    | -                    | -         | \$ 491.26          | -                    | -         | -            | -         | \$ -         |
| B-11-03       | Sound System  |                   |                  |        |              |                      |           |                    |                      |           |              |           |              |
| B-11-03.1     | Power Amplifier Audio Mixer / Preampifier (audio unit with min. of 550-watts multiple mix inputs, gain and tone controls; optional: fm antenna, mp3, wav player, usb stick, aux input, CD/DVD player  | unit              | \$ 472.36        | 1.00   | \$ 472.36    | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 472.36    |
| B-11-03.2     | Mic (gooseneck, desktop), XLR-type  | lot               | \$ 688.30        | 2.00   | \$ 1,376.60  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 1,376.60  |
| B-11-03.3     | Speakers full-range (framed) >=6W, 8-ohms impedance, ceiling mounted, including mounting kit for wall and ceiling   | lot               | \$ 263.17        | 20.00  | \$ 5,263.40  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 5,263.40  |
| B-11-03.4     | Volume controller for speakers (optional)   | piece             | \$ 202.44        | 2.00   | \$ 404.88    | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 404.88    |
| B-11-03.5     | Speakers and Microphone cabling (note: supplier shall provide converter/adapters if RJ45 UTP cables are used)   | piece             | \$ 2.16          | 484.00 | \$ 1,002.24  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 1,002.24  |
| B-11-04       | Information and Technology System   |                   |                  |        |              |                      |           |                    |                      |           |              |           |              |
| B-11-04.1     | Information and Technology System   |                   |                  |        |              |                      |           |                    |                      |           |              |           |              |
| B-11-04.1.1   | Modem 800 (WAN x 800 (H) x 800mm (Depth))   | piece             | \$ 431.57        | 4.00   | \$ 1,726.28  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 1,726.28  |
| B-11-04.1.1.1 | Fit 600 x 600mm (with metal chequers plate with lifting handle)   | piece             | \$ 333.20        | 4.00   | \$ 1,412.80  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 1,412.80  |
| B-11-04.1.2   | 4 ways 800mm depth  | unit              | \$ 46.62         | 54.00  | \$ 2,517.48  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 2,517.48  |
| B-11-04.1.3   | Intrabuilding / Local Infrastructure  |                   |                  |        |              |                      |           |                    |                      |           |              |           |              |
| B-11-04.1.3.1 | Main Distribution Frame (MDF) Room : Electrical Room  | piece             | \$ 431.87        | 1.00   | \$ 431.87    | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 431.87    |
| B-11-04.1.3.2 | 2-vertical 200 pairs 110-block Cat5e stainless steel Wall Mounting Frame  | piece             | \$ 431.87        | 1.00   | \$ 431.87    | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 431.87    |
| B-11-04.1.4   | Intrabuilding Copper Backbone Cabling System  |                   |                  |        |              |                      |           |                    |                      |           |              |           |              |
| B-11-04.1.4.2 | From MDF (Electrical) room to Equipment room, ground floor  | M                 | \$ 8.84          | 45.00  | \$ 397.80    | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 397.80    |
| B-11-04.2     | Telecommunication Closet  |                   |                  |        |              |                      |           |                    |                      |           |              |           |              |
| B-11-04.2.1   | 42U 19" (482.6mm) Equipment (Server) Rack 2100mm(D) x 600mm(W) x 1000mm(D) with power strip, vertical cable management, ventilation fans, quick release lockable perforated side panels, lockable metal perforated iron door, cable entry ports provided for top/bottom access, adjustable feet, heavy duty casters | unit              | \$ 2,240.34      | 1.00   | \$ 2,240.34  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 2,240.34  |
| B-11-04.2.2   | 42U 19" (482.6mm) Open bay rack with vertical manager and cable managers  | piece             | \$ 2,240.34      | 5.00   | \$ 11,201.70 | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 11,201.70 |
| B-11-04.2.3   | 24-port Patch Panel (Category 6) 19" (482.6mm) rackmount  | unit              | \$ 22.68         | 6.00   | \$ 1,336.08  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 1,336.08  |
| B-11-04.3     | Backbone Cabling System   |                   |                  |        |              |                      |           |                    |                      |           |              |           |              |
| B-11-04.3.1   | Category 6 (EIA/TIA) 23 AWG UTP copper cable from Equipment Room to TCR (Electrical Room) Ground floor  | Meter             | \$ 7.76          | 120.00 | \$ 931.20    | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 931.20    |
| B-11-04.3.2   | Category 6 (EIA/TIA) 23 AWG UTP copper cable from Equipment Room to TCR (Electrical Room) Second (2nd) floor, in hot dip galvanized metal trunking, including all necessary materials/accessories to reflect complete system installation   | Meter             | \$ 7.76          | 130.00 | \$ 1,008.80  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 1,008.80  |
| B-11-04.3.3   | Category 6 (EIA/TIA) 23 AWG UTP copper cable from Equipment Room to TCR (Electrical Room) Third (3rd) floor (for backup and redundancy), in hot dip galvanized metal trunking, including all necessary materials/accessories to reflect complete system installation  | Meter             | \$ 7.76          | 140.00 | \$ 1,086.40  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 1,086.40  |
| B-11-04.3.4   | Category 6 (EIA/TIA) 23 AWG UTP copper cable from Equipment Room to TCR (Electrical Room) Fourth (4th) floor, in hot dip galvanized metal trunking, including all necessary materials/accessories to reflect complete system installation   | Meter             | \$ 7.76          | 150.00 | \$ 1,164.00  | -                    | -         | \$ -               | -                    | -         | -            | -         | \$ 1,164.00  |

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**  
**ICB#050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB#050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Bernatina Syaria Cipta Joint Venture Raciun Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No     | Description   | Original Contract |                  |             |              |          |      | Owner Estimation |            |           |              |              |            | Verified by ADN IP |      |            |            |           |            |              |  |
|-------------|---|-------------------|------------------|-------------|--------------|----------|------|------------------|------------|-----------|--------------|--------------|------------|--------------------|------|------------|------------|-----------|------------|--------------|--|
|             |   | Unit              | Unit Price (USD) | Qty         | Cost Amount  | Quantity |      | Additional       |            | Amount    |              | Revised Cost |            | Quantity           |      | Additional |            | Amount    |            | Revised Cost |  |
|             |   |                   |                  |             |              | Revised  | Cost | Deduction        | Additional | Deduction | Additional   | Deduction    | Additional | Revised            | Cost | Deduction  | Additional | Deduction | Additional | Deduction    |  |
| B-11-04.3.5 | Category 6 (EIA/TIA), 23 AWG UTP copper cable from Equipment Room to TCR (Electrical Room) Fifth (5th) floor, in hot dip galvanized metal trunking, including all necessary materials/accessories to reflect complete system installation   | \$ 7.76           | \$ 160.00        | \$ 1,241.60 | -            | -        | \$   | -                | \$         | -         | \$ 1,241.60  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4   | Horizontal Cabling  |                   |                  |             |              |          |      |                  |            |           |              |              |            |                    |      |            |            |           |            |              |  |
| B-11-04.4.1 | Category 6 (EIA/TIA), 23 AWG UTP copper cable from IDF1 (Equipment Room) Ground floor to the designated work areas - nurses station and/or offices, in hot dip galvanized metal trunking, UPVC concealed conduit  | M                 | \$ 7.76          | 561.00      | \$ 4,353.36  | -        | \$   | -                | \$         | -         | \$ 4,353.36  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4.2 | Category 6 (EIA/TIA), 23 AWG UTP copper cable from IDF2 (Electrical Room) Second floor to the designated work areas - nurses station and/or offices, in hot dip galvanized metal trunking, UPVC concealed conduit   | M                 | \$ 7.76          | 381.00      | \$ 2,956.56  | -        | \$   | -                | \$         | -         | \$ 2,956.56  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4.3 | Category 6 (EIA/TIA), 23 AWG UTP copper cable from IDF3 (Electrical Room) Third floor to the designated work areas - nurses station and/or offices, in hot dip galvanized metal trunking, UPVC concealed conduit  | M                 | \$ 7.76          | 433.00      | \$ 3,398.88  | -        | \$   | -                | \$         | -         | \$ 3,398.88  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4.4 | Category 6 (EIA/TIA), 23 AWG UTP copper cable from IDF4 (Electrical Room) Fourth floor to the designated work areas - nurses station and/or offices, in hot dip galvanized metal trunking, UPVC concealed conduit   | M                 | \$ 7.76          | 1,085.00    | \$ 7,998.40  | -        | \$   | -                | \$         | -         | \$ 7,998.40  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4.5 | Category 6 (EIA/TIA), 23 AWG UTP copper cable from IDF5 (Electrical Room) Fifth floor to the designated work areas - nurses station and/or offices, in hot dip galvanized metal trunking, UPVC concealed conduit  | M                 | \$ 7.76          | 181.00      | \$ 2,552.10  | -        | \$   | -                | \$         | -         | \$ 2,552.10  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4.6 | 1.0 meter length UTP Cat 6 (EIA/TIA) factory terminated patch cords with RJ45 connectors and boots for 42U rack   | M                 | \$ 10.80         | 220.00      | \$ 2,376.00  | -        | \$   | -                | \$         | -         | \$ 2,376.00  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4.7 | 3.0 meter length UTP Cat 6 (EIA/TIA) factory terminated patch cords with RJ45 connectors and boots from faceplate to workstation  | M                 | \$ 10.80         | 96.00       | \$ 1,036.40  | -        | \$   | -                | \$         | -         | \$ 1,036.40  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4.8 | 1.5 meter length UTP Cat 6 (EIA/TIA) factory terminated patch cords with RJ45 connectors and boots from faceplate to Wireless Access Point (AP) and CCTV cameras  | M                 | \$ 7.42          | 58.00       | \$ 430.36    | -        | \$   | -                | \$         | -         | \$ 430.36    | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.4.9 | Information Outlets (IO) RJ-45 Cat 6 UTP with 1x2or3-gang face plate and utility box  | M                 | \$ 14.10         | -           | -            | -        | \$   | -                | \$         | -         | \$           | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.5   | Private Branch Exchange (PBX)   |                   |                  |             |              |          |      |                  |            |           |              |              |            |                    |      |            |            |           |            |              |  |
| B-11-04.5.1 | PBX Main Device - PBX, main component preferably hybrid or IP-based with multiple card slots and include expansion cards for CO, Trunking, digital or analog hybrid lines, message waiting, call forwarding and Operator Console/Spokephone, headset input, multiple c/o. and local buttons, (note: supplier may provide POE switch or power adaptors if landline is POE capable) | M                 | \$ 2.879.95      | 1.00        | \$ 2,879.95  | -        | \$   | -                | \$         | -         | \$ 2,879.95  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.5.2 | (Operator Console/Spokephone, headset input, multiple c/o. and local buttons, (note: supplier may provide POE switch or power adaptors if landline is POE capable))   | M                 | \$ 1,928.00      | 1.00        | \$ 1,928.00  | -        | \$   | -                | \$         | -         | \$ 1,928.00  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.5.3 | Telephone handsets (Digital/Aalogic/hybrid) with speakerphone, (note: supplier may provide POE switch or power adaptors if landlines are POE capable)   | piece             | \$ 297.64        | 48.00       | \$ 14,286.72 | -        | \$   | -                | \$         | -         | \$ 14,286.72 | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.5.4 | Installation and programming services (labor) incl. Roughing-in materials   | piece             | \$ 1,021.12      | 1.00        | \$ 1,021.12  | -        | \$   | -                | \$         | -         | \$ 1,021.12  | -            | -          | \$                 | -    | \$         | -          | \$        | -          | \$           |  |
| B-11-04.6   | Nurse Call Station  |                   |                  |             |              |          |      |                  |            |           |              |              |            |                    |      |            |            |           |            |              |  |
| B-11-04.6.1 | Nurse Call Annunciation Panel Station Monitor   |                   |                  |             |              |          |      |                  |            |           |              |              |            |                    |      |            |            |           |            |              |  |
| B-11-04.6.2 | (note: shall include control panel, power supply and others for a complete system installation)   |                   |                  |             |              |          |      |                  |            |           |              |              |            |                    |      |            |            |           |            |              |  |
| B-11-04.6.2 | Full Call Patient Switch  |                   |                  |             |              |          |      |                  |            |           |              |              |            |                    |      |            |            |           |            |              |  |

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**

**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Benavides Saya Cipta Joint Venture Radice Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No        | Description  | Original Contract |                  |        |              |               |           | OWNER ESTIMATION |           |              |           |            |           | VERIFIED BY ADN IP |              |      |  |  |  |
|----------------|--|-------------------|------------------|--------|--------------|---------------|-----------|------------------|-----------|--------------|-----------|------------|-----------|--------------------|--------------|------|--|--|--|
|                |  | Unit              | Unit Price (USD) | Qty    | Cost Amount  | Quantity      |           | Cost             |           | Quantity     |           | Cost       |           | Revised Cost       |              | Cost |  |  |  |
|                |  |                   |                  |        |              | Additional    | Deduction | Additional       | Deduction | Additional   | Deduction | Additional | Deduction | Additional         | Deduction    | Am   |  |  |  |
| B-11-04.6.3    | Down light with lens   | \$                | 94.47            | 22.00  | \$ 2,078.34  | -             | -         | \$ -             | \$ -      | \$ 2,078.34  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-04.6.4    | Cabling from patient switch/pull cord to demo light and to nurse station.<br>(fact: supplied staff provide adaptors/stainless UTP cables are used) | piece             | \$ 7.76          | 250.00 | \$ 1,940.00  | -             | -         | \$ -             | \$ -      | \$ 1,940.00  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| <b>B12</b>     | <b>EXTERNAL WORKS</b>  |                   |                  |        |              | \$ 471,310.11 |           |                  |           |              |           |            |           | \$ 471,218.11      |              |      |  |  |  |
| B-12-05.1      | <b>Drainage</b>  |                   |                  |        |              |               |           |                  |           |              |           |            |           |                    |              |      |  |  |  |
| B-12-05.1.1    | Storm Drainage System  | set               | \$ 189.78        | 25.00  | \$ 4,744.50  | -             | -         | \$ -             | \$ -      | \$ 4,744.50  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.2    | Catch Basin  | set               | \$ 454.70        | 2.00   | \$ 909.40    | -             | -         | \$ -             | \$ -      | \$ 909.40    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3    | Manhole  | piece             | \$ 215.94        | 4.00   | \$ 863.76    | -             | -         | \$ -             | \$ -      | \$ 863.76    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.1  | Downspout  | piece             | \$ 175.45        | 40.00  | \$ 7,018.00  | -             | -         | \$ -             | \$ -      | \$ 7,018.00  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.2  | PVC Pipe 300mm dia x 3m  | piece             | \$ 134.96        | 11.00  | \$ 1,484.56  | -             | -         | \$ -             | \$ -      | \$ 1,484.56  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.3  | PVC Pipe 250mm dia x 3m  | piece             | \$ 175.31        | 12.00  | \$ 903.72    | -             | -         | \$ -             | \$ -      | \$ 903.72    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.4  | PVC Pipe 200mm dia x 3m  | piece             | \$ 48.99         | 22.00  | \$ 1,077.78  | -             | -         | \$ -             | \$ -      | \$ 1,077.78  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.5  | PVC Pipe 150mm dia x 3m  | piece             | \$ 22.67         | 258.00 | \$ 5,848.86  | -             | -         | \$ -             | \$ -      | \$ 5,848.86  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.6  | PVC Pipe 125mm dia x 3m  | piece             | \$ 23.98         | 37.00  | \$ 1,997.26  | -             | -         | \$ -             | \$ -      | \$ 1,997.26  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.7  | PVC Pipe 100mm dia x 3m  | piece             | \$ 9.31          | 20.00  | \$ 186.20    | -             | -         | \$ -             | \$ -      | \$ 186.20    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.8  | PVC Elbow 125mm x 100mm dia  | piece             | \$ 26.99         | 36.00  | \$ 971.64    | -             | -         | \$ -             | \$ -      | \$ 971.64    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.9  | PVC Wye 100mm dia  | piece             | \$ 26.99         | 20.00  | \$ 539.80    | -             | -         | \$ -             | \$ -      | \$ 539.80    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.10 | PVC Elbow 14.5 x 100mm dia   | piece             | \$ 4,838.56      | 1.00   | \$ 4,838.56  | -             | -         | \$ -             | \$ -      | \$ 4,838.56  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.11 | PVC Elbow 1.8 x 100mm dia  | set               | \$ 421.08        | 2.00   | \$ 842.16    | -             | -         | \$ -             | \$ -      | \$ 842.16    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.1.3.12 | Stainless Steel Grate Open Canal Cover, 400mm width x 12.0m length   |                   |                  |        |              |               |           |                  |           |              |           |            |           |                    |              |      |  |  |  |
| B-12-05.2      | Grease Trap  |                   |                  |        |              |               |           |                  |           |              |           |            |           |                    |              |      |  |  |  |
| B-12-05.2.1    | Cistern  |                   |                  |        |              |               |           |                  |           |              |           |            |           |                    |              |      |  |  |  |
| B-12-05.2.1.1  | Structure  |                   |                  |        |              |               |           |                  |           |              |           |            |           |                    |              |      |  |  |  |
| B-12-05.2.2    | 3 Compartments : 13.50meters x 4.30meters x 3.0meters Height   | Ls                | \$ 8,190.57      | 1.00   | \$ 8,190.57  | -             | -         | \$ -             | \$ -      | \$ 8,190.57  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.2.3    | Plugs  | m2                | \$ 0.22          | 222.90 | \$ 2,278.04  | -             | -         | \$ -             | \$ -      | \$ 2,278.04  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.2.4    | Waterproofing  |                   |                  |        |              |               |           |                  |           |              |           |            |           |                    |              |      |  |  |  |
| B-12-05.2.4.1  | Pumps  | set               | \$ 1,687.00      | 2.00   | \$ 3,374.00  | -             | -         | \$ -             | \$ -      | \$ 3,374.00  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.2.4.2  | 15 Hp Transfer Pumps   | set               | \$ 944.72        | 2.00   | \$ 1,899.44  | -             | -         | \$ -             | \$ -      | \$ 1,899.44  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-12-05.2.4.3  | 1.0 Hp Chlorine Dosing Pump  |                   |                  |        |              |               |           |                  |           |              |           |            |           |                    |              |      |  |  |  |
| <b>B13</b>     | <b>SPECIALTY WORKS</b>   |                   |                  |        |              | \$ 47,978.35  |           |                  |           |              |           |            |           | \$ 52,633.44       | \$ 42,714.81 |      |  |  |  |
| B-11-01        | Roofing/Balcony Finials  | set               | \$ 809.76        | 4.00   | \$ 3,239.04  | -             | -         | \$ -             | \$ -      | \$ 3,239.04  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-01.1      | Crucifix   | set               | \$ 519.60        | 4.00   | \$ 2,078.40  | -             | -         | \$ -             | \$ -      | \$ 2,078.40  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-01.2      | Utility Band/Drop  |                   |                  |        |              |               |           |                  |           |              |           |            |           |                    |              |      |  |  |  |
| B-11-02        | Man OR Pendant   | set               | \$ 13,495.60     | 1.00   | \$ 13,495.60 | -             | -         | \$ -             | \$ -      | \$ 13,495.60 | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-02.1      | Ward Utility Stems   | M                 | \$ 40.99         | 180.00 | \$ 7,288.20  | -             | -         | \$ -             | \$ -      | \$ 7,288.20  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-02.2      | VIP Room Utility Stems   | M                 | \$ 40.99         | 15.00  | \$ 607.35    | -             | -         | \$ -             | \$ -      | \$ 607.35    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-02.3      | ICU Utility Stems  | M                 | \$ 40.99         | 21.80  | \$ 882.68    | -             | -         | \$ -             | \$ -      | \$ 882.68    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-02.4      | ICCU Utility Stems   | M                 | \$ 40.99         | 19.00  | \$ 769.31    | -             | -         | \$ -             | \$ -      | \$ 769.31    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-02.5      | Pediatric ICU Utility Stems  | M                 | \$ 40.99         | 12.23  | \$ 512.35    | -             | -         | \$ -             | \$ -      | \$ 512.35    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-02.6      | New-Natal ICU Utility Stems  | M                 | \$ 40.99         | 130.00 | \$ 5,263.70  | -             | -         | \$ -             | \$ -      | \$ 5,263.70  | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |
| B-11-02.7      | ER Utility Stems   | M                 | \$ 40.99         | 24.00  | \$ 971.76    | -             | -         | \$ -             | \$ -      | \$ 971.76    | -         | -          | \$ -      | \$ -               | \$ -         | \$ - |  |  |  |

**NEW CONSTRUCTION OF PEDIATRIC AND ICU BUILDING OF THE GUIDO  
VALADARES NATIONAL HOSPITAL**  
**ICB/050/MOH-2022**

Project Name : New Construction of Pediatric And ICU Building of The Guido Valadares National Hospital ICB/050/MOH-2022  
 Project Owner : Guido Valadares National Hospital  
 Consultant : PT Beraudi Surya Cipta Joint Venture Reclan Plan Consultant, LDA  
 Location : Guido Valadares National Hospital, Dili - Timor Leste

| Item No   | Description  | Original Contract |                  |       |                        |          |            | Owner Estimation |               |                       |            |           |                     | VERIFIED BY ADN IP   |      |                        |           |                        |  |
|-----------|--|-------------------|------------------|-------|------------------------|----------|------------|------------------|---------------|-----------------------|------------|-----------|---------------------|----------------------|------|------------------------|-----------|------------------------|--|
|           |  | Unit              | Unit Price (USD) | Qty   | Cost Amount            | Quantity | Additional | Deduction        | Amount        | Quantity              | Additional | Deduction | Amount              | Revised Cost         | Cost | Additional             | Deduction | Amt                    |  |
| B-13-03   | Signages   | set               | \$ 4,091.14      | 1.00  | \$ 4,091.14            | -        | -          | \$ -             | \$ 4,091.14   | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
| B-13-03.1 | Main Signage   | set               | \$ 3,873.24      | 1.00  | \$ 3,873.24            | -        | -          | \$ -             | \$ 3,873.24   | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
| B-13-03.2 | "Emergency" Signage  | m2                | \$ 80.98         | 60.00 | \$ 4,858.80            | -        | -          | \$ -             | \$ 4,858.80   | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
| B-13-04   | Lead Shielding, 3mm  |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | <b>Sub Total</b>   |                   |                  |       | <b>\$ 47,559.67</b>    |          |            |                  |               |                       |            |           | <b>\$ 47,559.67</b> |                      |      |                        |           |                        |  |
|           | <b>OVERHEAD</b>  |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
| 1         | Safety and Security Operation (PPE)                        | Ls                | \$ 26,510.00     | 1.00  | \$ 26,510.00           | -        | -          | \$ -             | \$ 26,510.00  | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
| 2         | Contractor Project Team                                    | Ls                | \$ 357,451.20    | 1.00  | \$ 357,451.20          | -        | -          | \$ -             | \$ 357,451.20 | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
|           | Project Manager  |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Site Engineer  |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Safety and Pollution Control Officer                       |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Traffic Officer  |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Finance and Administration Officer                         |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Construction Coordination Meeting Snack And Meals          |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Shop Drawings  | Ls                | \$ 11,568.00     | 1.00  | \$ 11,568.00           | -        | -          | \$ -             | \$ 11,568.00  | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
|           | As Built Drawing   | Ls                | \$ 3,126.98      | 1.00  | \$ 3,126.98            | -        | -          | \$ -             | \$ 3,126.98   | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
|           | Project Report and Documentation                           | Ls                | \$ 521,11.63     | 1.00  | \$ 521,11.63           | -        | -          | \$ -             | \$ 521,11.63  | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
|           | Transportation Allowance and Per Diems for Site Inspectors | Ls                | \$ 17,352.00     | 1.00  | \$ 17,352.00           | -        | -          | \$ -             | \$ 17,352.00  | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
|           | Standards and Codes  | Ls                | \$ 2,651.00      | 1.00  | \$ 2,651.00            | -        | -          | \$ -             | \$ 2,651.00   | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
|           | Material Sampling Testing and Sterification                | Ls                | \$ 4,820.00      | 1.00  | \$ 4,820.00            | -        | -          | \$ -             | \$ 4,820.00   | -                     | -          | \$ -      | \$ -                | \$ -                 | \$ - | \$ -                   | \$ -      |                        |  |
|           | Cylinder Compression Test and Certifications               |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Rebar Test and Certifications                              |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Field Density Test(95% Compaction)                         |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Other Necessary Test                                       |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Rental Equipment   |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Crane  |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Scaffolding  |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | Other Necessary Equipment                                  |                   |                  |       |                        |          |            |                  |               |                       |            |           |                     |                      |      |                        |           |                        |  |
|           | <b>Sub Total</b>   |                   |                  |       | <b>\$ 479,300.81</b>   |          |            |                  |               | <b>\$ 1,591,03.14</b> |            |           |                     | <b>\$ 295,028.00</b> |      | <b>\$ 8,037,581.55</b> |           | <b>\$ 295,028.00</b>   |  |
|           | <b>GRAND TOTAL</b>   |                   |                  |       | <b>\$ 9,341,663.69</b> |          |            |                  |               |                       |            |           |                     |                      |      |                        |           | <b>\$ 1,599,103.14</b> |  |