LIGHT RAIL TRANSIT AUTHORITY

BAGONG PILIPINAS

Bids and Awards Committee
BID BULLETIN NO. 28-A
Series of 2026

In **Re: Contract for One (1) Lot Rehabilitation of Flooring of Passenger Assistance Office (PAO) at LRT Line 2 Stations under PR No. RS2-2606-129-A and ITB No. 2609-095-11 with an ABC of ₱12,387,000.00**

TO ALL INTERESTED BIDDERS:

Relative to the above procurement, in consideration of the queries raised by the prospective bidders and the need to ascertain pertinent details of the required technical specifications that could materially affect the responsiveness of any future bid there being a need to re-evaluate and validate the same, the **Deadline for the Submission and Opening of Bids** is hereby moved as follows:

Submission of Bids : **22 October 2026 (Thursday)** @ 9:30 A.M.
Cafeteria, LRTA Line 2- Depot, Santolan, Pasig City

Opening of Bids : **22 October 2026 (Thursday)** at 10:00 A.M.
Cafeteria, LRTA Line 2- Depot, Santolan, Pasig City

Moreover, the following amendments/clarifications on the pertinent Bidding Documents are hereby made:

No.	References/Queries	Amendments/Clarifications
1	Clause 5.4 of Bid Data Sheet (BDS): Contracts similar to the Project shall be those described as follows: *For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:* *a. Any contract involving the repair/construction/ rehabilitation of building or establishments may be considered as a similar contract.* *b. The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.*	Clause 5.4 of BDS shall now be read as: Contracts similar to the Project shall be those described as follows: *For this purpose, contracts similar to the Project refer to contracts which have the same major categories of work, which shall be:* *a. Any contract involving the repair/construction/ rehabilitation of building or establishments may be considered as a similar contract.* *b. The Bidder must have completed, **within the last ten (10) years prior to the date of submission of bid,** a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.*

<table>
<tr><td>2</td><td>Clause 18 of Instructions to Bidders (ITB)</td><td>ITB Clause 18 is hereby clarified in BDS Clause 18 as follows:

In addition to the one (1) set original, Each Bidder is requested to submit additional one (1) hard copy and one (1) scanned PDF copy in a CD/USB Flash Drive of each of the first and second components of its Bid.</td></tr>
<tr><td>3</td><td>Clause 6.5 of Special Conditions of the Contract

The Contractor shall employ the following Key Personnel:

<table><tr><th>Description</th><th>No. of Personnel</th></tr><tr><td>Project Engineer</td><td>1</td></tr><tr><td>Construction Safety and Health Officer</td><td>10</td></tr><tr><td>Foreman</td><td>1</td></tr></table></td><td>Clause 6.5 of Special Conditions of the Contract shall now be read as:

The Contractor shall employ the following Key Personnel:

<table><tr><th>Description</th><th>No. of Personnel</th></tr><tr><td>Project Engineer</td><td>1</td></tr><tr><td>Construction Safety and Health Officer</td><td>1</td></tr><tr><td>Foreman</td><td>1</td></tr></table></td></tr>
<tr><td>4</td><td>Section VII. Drawings</td><td>Refer to the Revised Drawings/Layout hereto attached as Annex "A".</td></tr>
<tr><td>5</td><td>Section VIII. Bill of Quantities</td><td>Refer to the Revised Bill of Quantities and Detailed Unit Price Analysis hereto collectively attached as Annex "B".</td></tr>
</table>

This serves as an amendment to the Bidding Documents of the above stated procurement and accordingly modifies/clarifies and/or supersedes any and all provisions which are inconsistent herewith.

For further inquiries, please contact the BAC Secretariat through Tel. No. 647-3484 to 86 loc. 29872; Mobile No. 0955-6578381; Email address: bacsec@lrta.gov.ph and/or Facsimile No. 647-3484 to 86 loc. 29906.

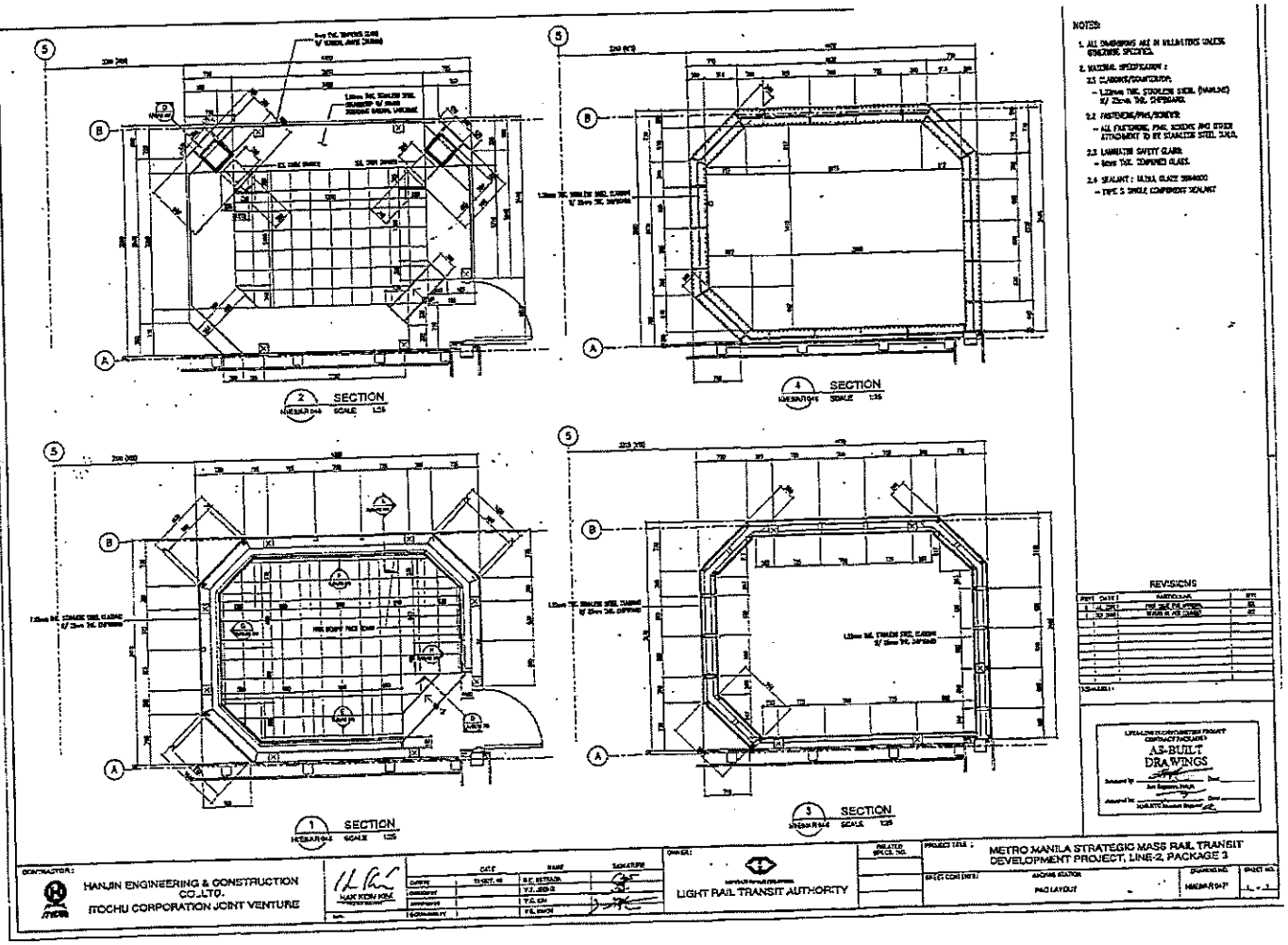
For guidance, reference and proper compliance.

Issued this 15th day of October 2025 at Pasig City, Philippines.

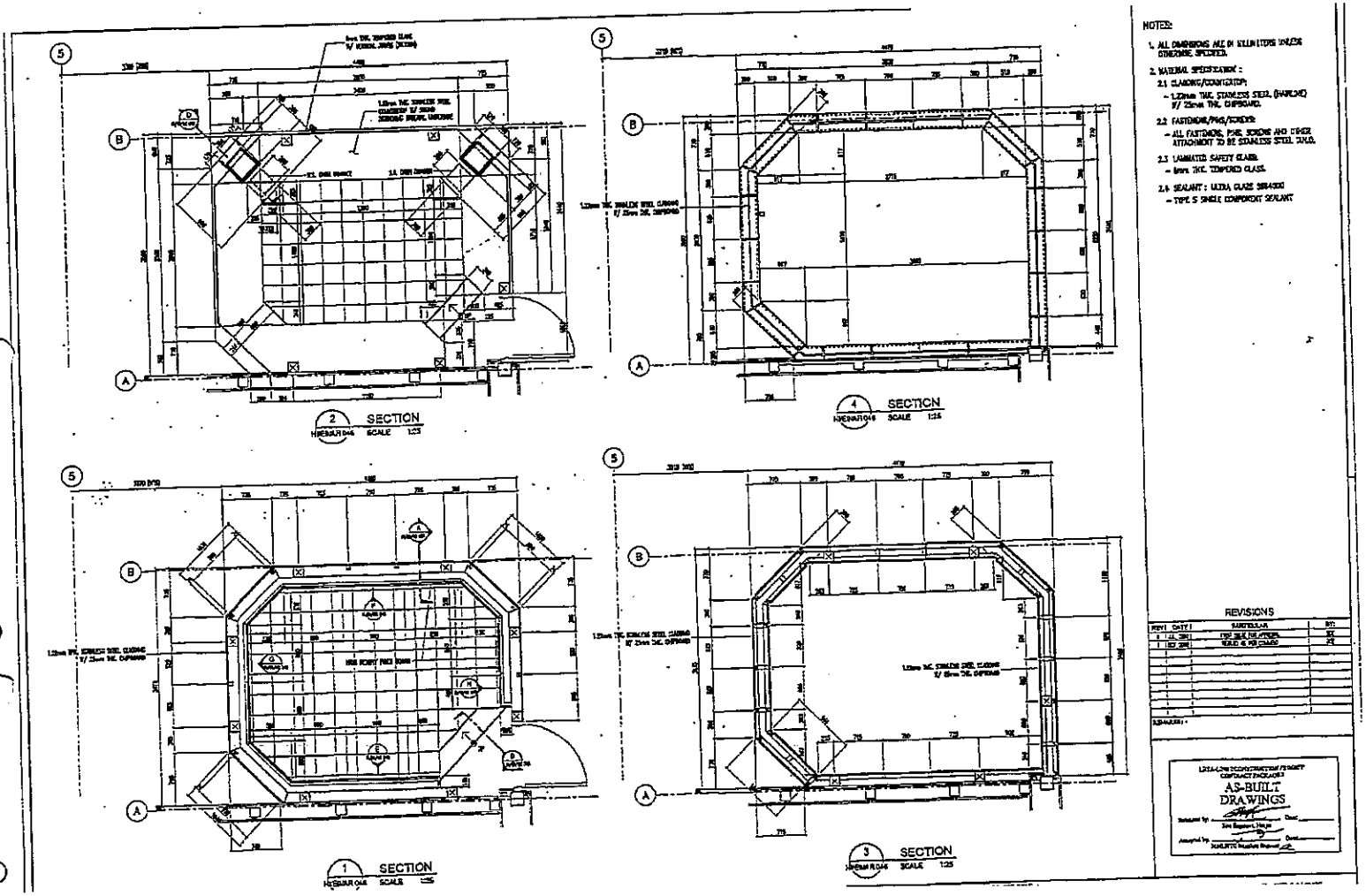
[redacted]

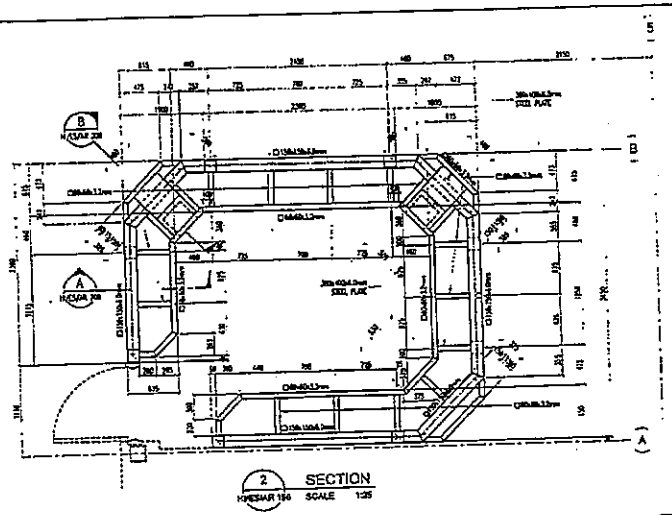
NICOLAS G. OMBAO
Chairperson, Bids and Awards Committee (BAC)

ANNEX "A"


NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL SPECIFICATION :
2.1 CLADDING/ENCLOSURE:
– 1.2mm THK. STAINLESS STEEL (HAIRLINE) W/ 25mm THK. DEFIBOARD.
2.2 FASTENERS/PINS/SCREWS:
– ALL FASTENERS, PINS, SCREWS AND OTHER ATTACHMENT TO BE STAINLESS STEEL 316/L
2.3 LAMINATED SAFETY GLASS:
– 6mm THK. TEMPERED GLASS.
2.4 SEALANT :
– TYPE S SINGLE COMPONENT SEALANT
REVISIONS
2 SECTION
4 SECTION
1 SECTION
3 SECTION
AS-BUILT DRAWINGS
CONTRACTOR:
HANJIN ENGINEERING & CONSTRUCTION CO.,LTD.
ITOCHU CORPORATION JOINT VENTURE
OWNER:
LIGHT RAIL TRANSIT AUTHORITY
METRO MANILA STRATEGIC MASS RAIL TRANSIT DEVELOPMENT PROJECT, LINE-2, PACKAGE 3
PAD LAYOUT

ANNEX "A"


2 SECTION
4 SECTION
1 SECTION
3 SECTION
NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL SPECIFICATION :
2.1 CLADDING/CONFIGURATION
– 1.22mm THK. STAINLESS STEEL (HAIRLINE) W/ 25mm THK. GYPBOARD.
2.2 FASTENER/PINS/SCREWS
– ALL FASTENERS, PINS, SCREWS AND OTHER ATTACHMENT TO BE STAINLESS STEEL 316Ti.
2.3 LAMINATED SAFETY GLASS
– 6mm THK. TEMPERED GLASS.
2.4 SEALANT : ULTRA GLAZE SR4000
– TYPE S SINGLE COMPONENT SEALANT
REVISIONS
AS-BUILT
DRAWINGS



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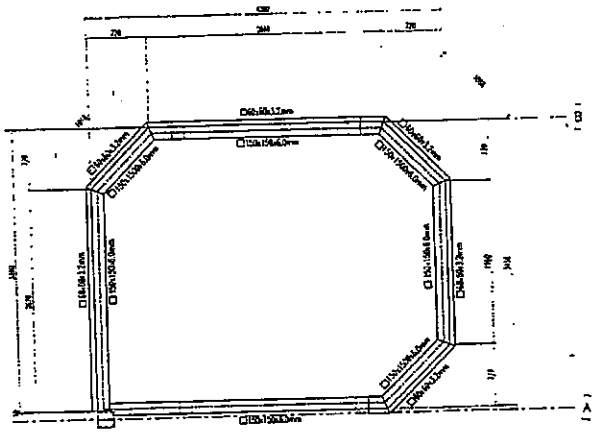

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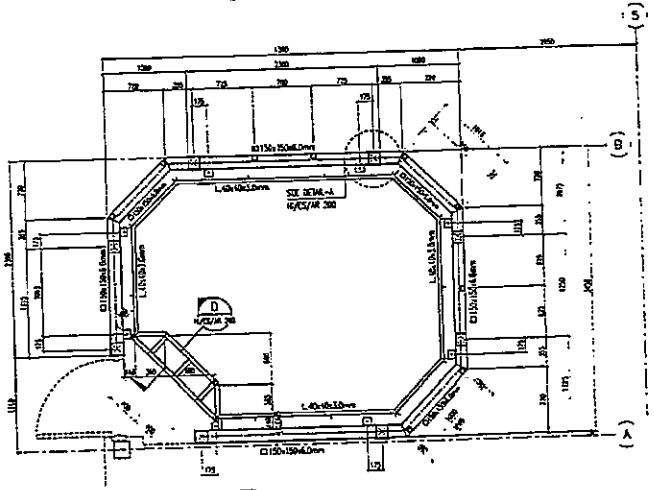

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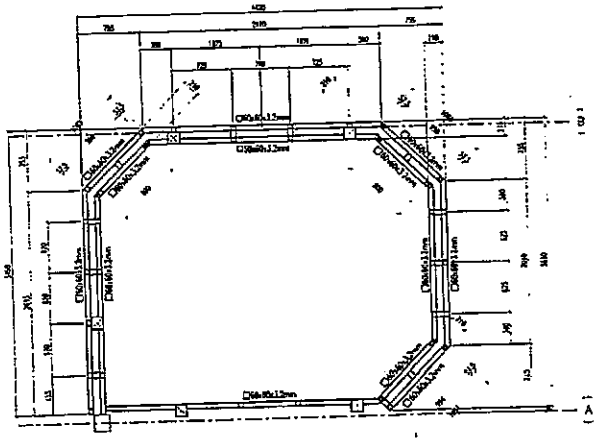


3 SECTION
HVESAR 196 SCALE 1:25

PAO LAYOUT PLAN

NOTES :

1. ALL PLATES AND OPEN SECTIONS ARE ASTM SPECIFICATION A36 UNO
2. ALL TUBULAR SECTIONS ARE S00R 400 GRADE OR EQUIVALENT
3. ALL WELDING ARE IN ACCORDANCE WITH AWS D1.1
4. ALL WELDS FOR SECTIONS 5mm THICKNESS OR LESS ARE 3mm CFW UNO

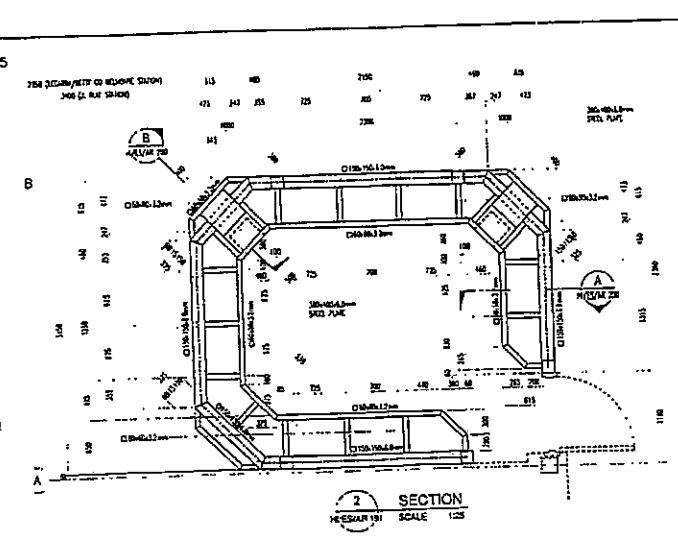
   FOR SECTIONS OF THICKNESS MORE THAN 5mm USE 5mm CFW UNO
5. ALL BOLTS ARE ASTM A325 SPECIFICATION
6. ALL BOLTS ARE GALVANISED FINISH
7. ALL BURRS AND SHARP EDGES ARE REMOVED
8. ALL LENGTHS ON THIS DRAWING ARE DEAD LENGTHS, NO ALLOWANCES HAVE BEEN MADE FOR WELD SHRINKAGE OR SECTION DUALITY
9. ALL FABRICATION WORK IS TO COMPLY WITH THE CONTRACT SPECIFICATION, APPROVED FABRICATION PROCEDURES AND AISC SPECIFICATION
10. ALL FABRICATED PARTS ARE GALVANISED PRIOR TO DELIVERY TO SITE
11. GALVANISING MUST REMAINED FROM AREAS TO BE WELDED PRIOR TO ASSEMBLY, ALL DAMAGED GALVANISED AREAS MUST BE GIVEN TWO COATS OF APPROVED ZINC RICH PAINT AFTER WELDING

REVISIONS

REV#	DATE	PARTICULAR	BY

MMLRT CONSULTANTS

AS-BUILT DRAWINGS



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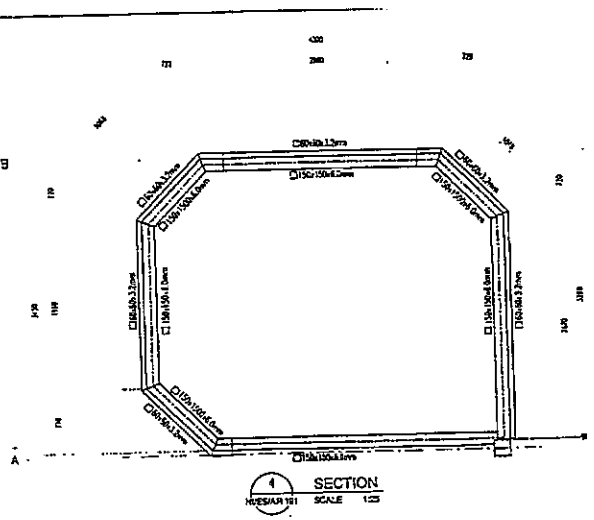

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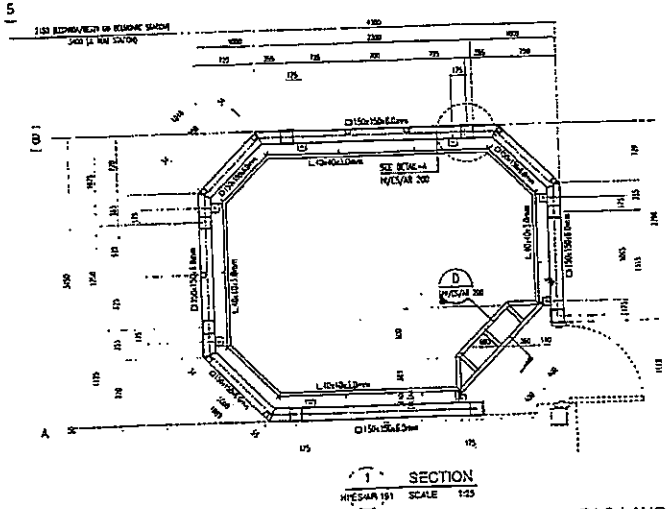

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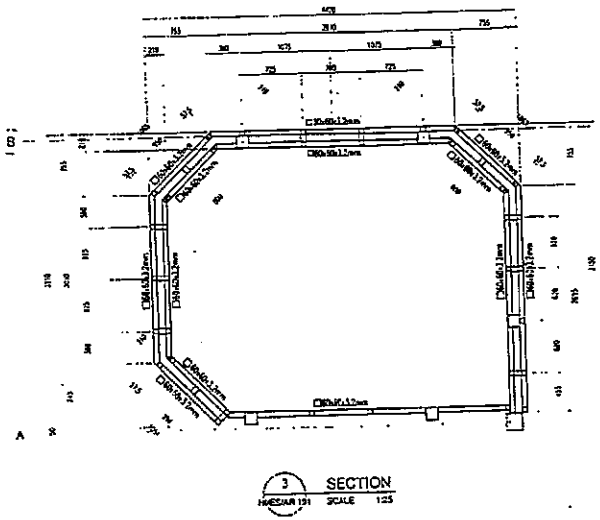

3 SECTION
HVESVAR 191 SCALE 1:25

PAO LAYOUT PLAN

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   FOR SECTIONS OF THICKNESS MORE THAN 5mm USE 5mm CFW UNO
5. ALL BOLTS ARE ASTM A325 SPECIFICATION
6. ALL BOLTS ARE GALVANISED FINISH
7. ALL BURRS AND SHARP EDGES ARE REMOVED
8. ALL LENGTHS ON THIS DRAWING ARE DEAD LENGTHS, NO ALLOWANCES HAVE BEEN MADE FOR WELD SHRINKAGE OR SECTION CHAUFF
9. ALL FABRICATION WORK IS TO COMPLY WITH THE CONTRACT SPECIFICATION, APPROVED FABRICATION PROCEDURES, AND AISC SPECIFICATION
11. GALVANISING ARE REMOVED FROM AREAS WELDED PRIOR TO ASSEMBLY, ALL DAMAGED GALVANISED AREAS ARE GIVEN TWO COATS OF APPROVED ZINC RICH PAINT AFTER WELDING
12. ALL SCREWS ARE 9000 SERIES AL OR 320 SERIES S.S.

REVISIONS

REV	DATE	PARTICULAR	BY

REMARKS:

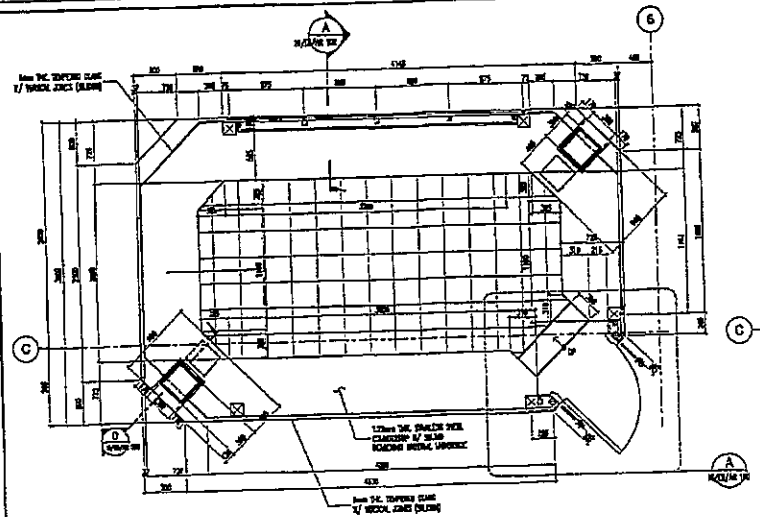
MMLRT CONSULTANTS

MRT-1 LINE 1 CONSTRUCTION PROJECT (CONTRACT PACKAGE 1)

AS-BUILT DRAWINGS

Submitted by: _____ Date: _____
Sur Kumpuni Manila

Approved by: _____ Date: _____
MYLETIC Authority Engineer



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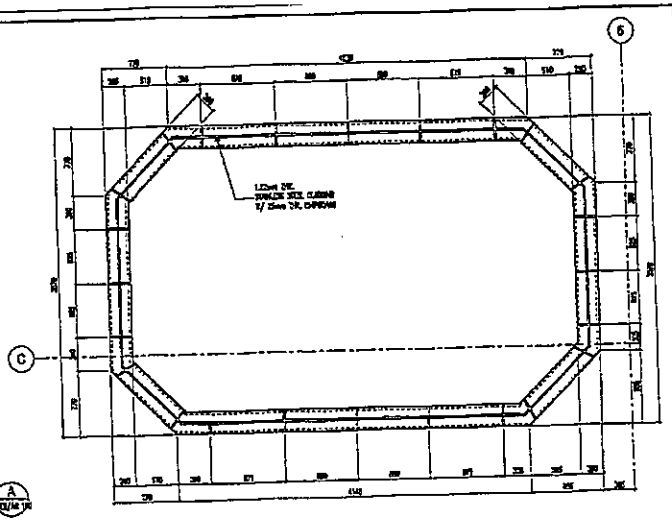
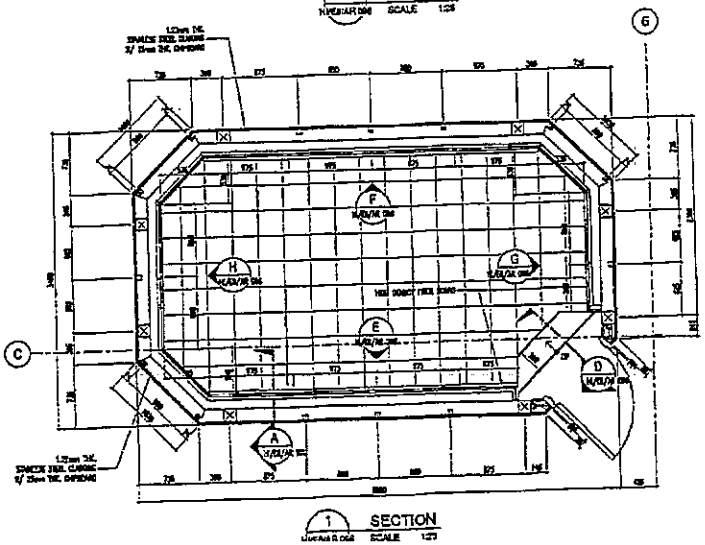
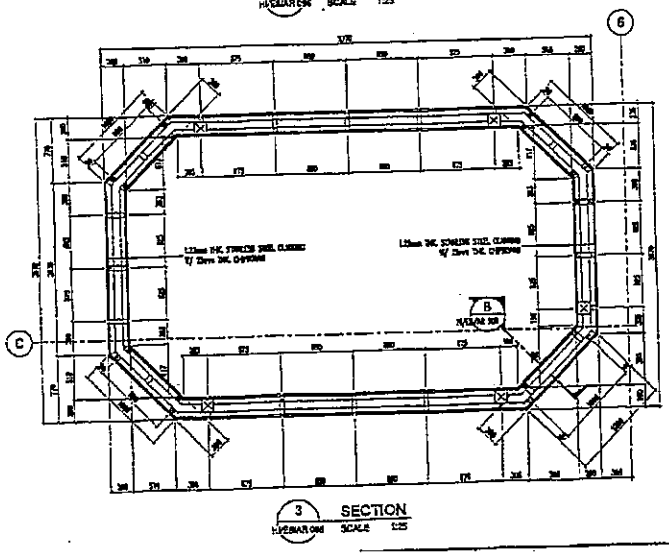


4 SECTION
SCALE 1:25



1 SECTION
SCALE 1:25



3 SECTION
SCALE 1:25

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL SPECIFICATION :
   - 2.1 PANELS:
     - 2.1.1 CLADDING/COUNTERTOP: 1.22mm THK. STAINLESS STEEL. (HAIRLINE) W/ 13mm THK. CHIPBOARD.
     - 2.1.2 SYSTEM NO. 1A
       1.22mm THK. GALVANIZED SHEET TO ASTM A446, 227G WITH 0.48mm THK METAL BACKING SHEET BONDED TO 12.7mm THK. MOISTURE RESISTANT GYPSUM BOARD.
   - 2.2 FASTENERS/PINS/SCREWS
     - ALL FASTENERS, PINS, SCREWS AND OTHER ATTACHMENT TO BE STAINLESS STEEL U.N.O.
   - 2.3 LAMINATED SAFETY GLASS:
     - 6mm THK. TEMPERED GLASS.
   - 2.4 SEALANT : ULTRA GLAZE SS84000
     - TYPE S SINGLE COMPONENT SEALANT

REVISIONS

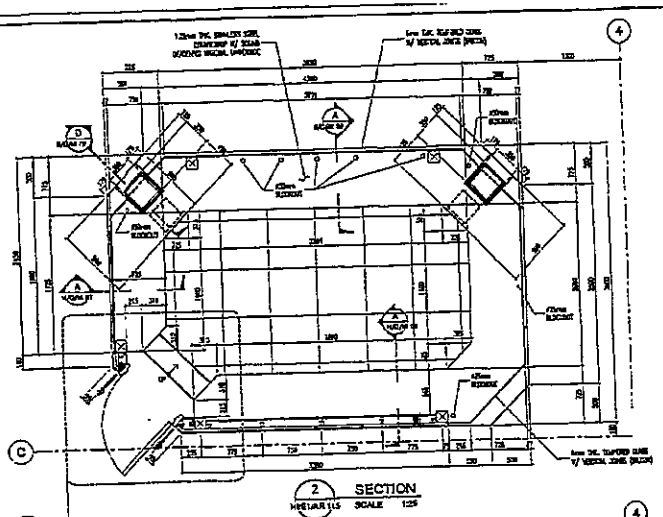
REV	DATE	PARTICULAR	BY
0	11.2021	FOR TENDER/APPROVAL	MC
1	03.2022	ADDED IN PCS DRAWING	MC

ULTRA-LUXE CONSTRUCTION PROJECT
CONTRACT PACKAGE 3

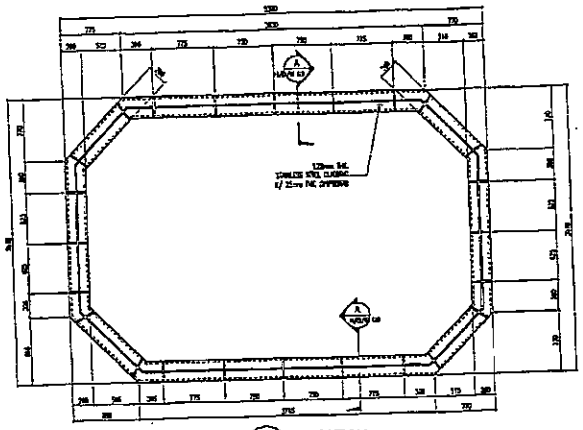
AS-BUILT DRAWINGS

Submitted by: _____ Date: _____
Lee Hightower, Manager

Approved by: _____ Date: _____
MAGNIFIC Kingdom Regional



2 SECTION
HVETIAR 115 SCALE 1:25



4 SECTION
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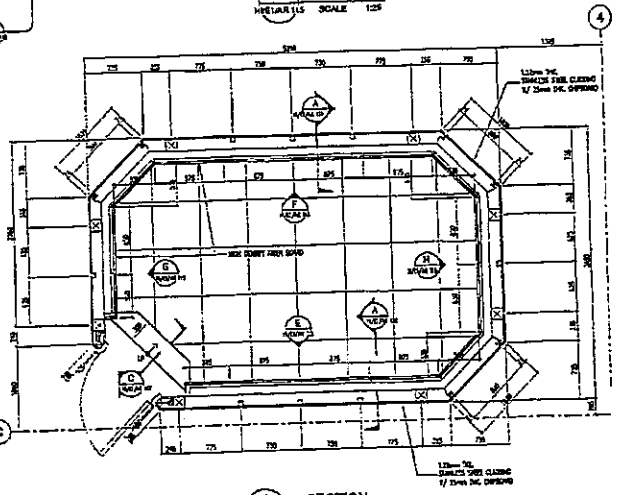

1 SECTION
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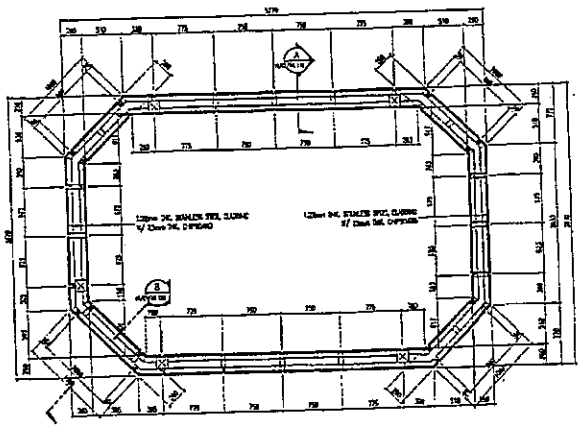


3 SECTION
HVETIAR 115 SCALE 1:25

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL SPECIFICATION :
   - 2.1 PANELS:
     - 2.1.1 CLADDING/LOUVERTOPS:
       1.22mm THK. STAINLESS STEEL (NAMLAM) W/ 25mm THK. CHIPBOARD.
     - 2.1.2 SYSTEM NO. 1A
       1.22mm THK. GALVANIZED SHEET TO ASTM A446, 227G WITH 0.46mm THK. METAL BACKING SHEET BONDED TO 12.7mm THK. MOISTURE RESISTANT GYPSUM BOARD.
   - 2.2 FASTENERS/PINS/BOARDS:
     - ALL FASTENERS, PINS, SCREWS AND OTHER ATTACHMENT TO BE STAINLESS STEEL U.N.O.
   - 2.3 LAMINATED SAFETY GLASS:
     - 5mm THK. TEMPERED GLASS
   - 2.4 SEALANT :
     - DOW CORNING 791-N ONE PART SILICONE SEALANT CONFORMS TO ASTM C-920.

REVISIONS

NEW	DATE	PARTICULAR	BY

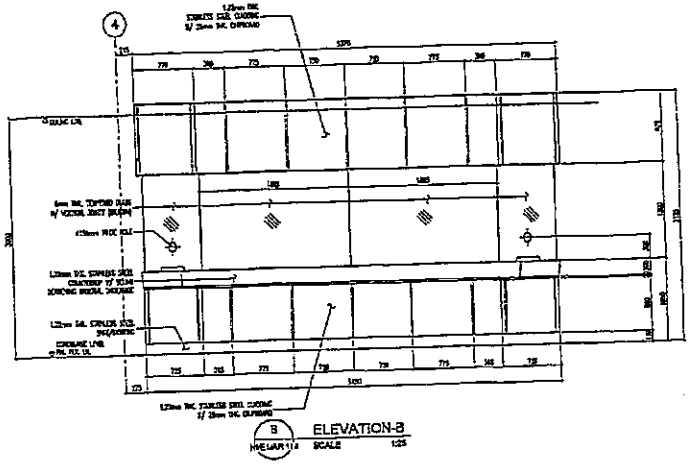
REMARKS:

MMLRT CONSULTANTS

AS-BUILT DRAWINGS

Checked by: _____ Date: _____

Accepted by: _____ Date: _____



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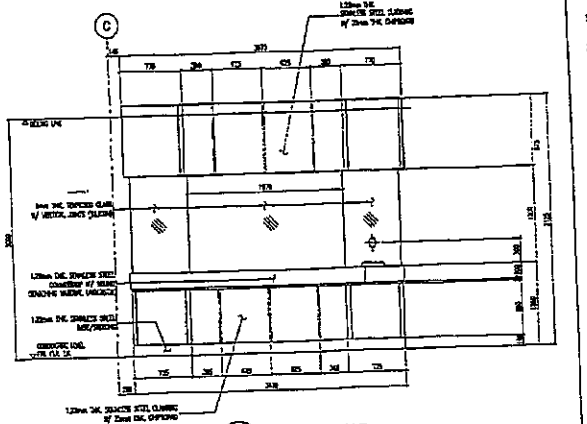

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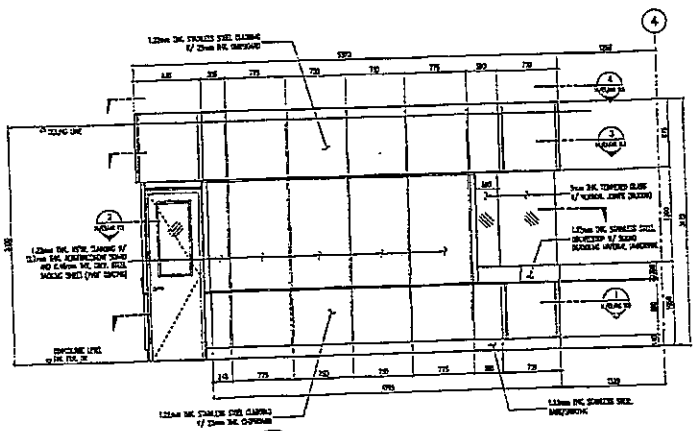

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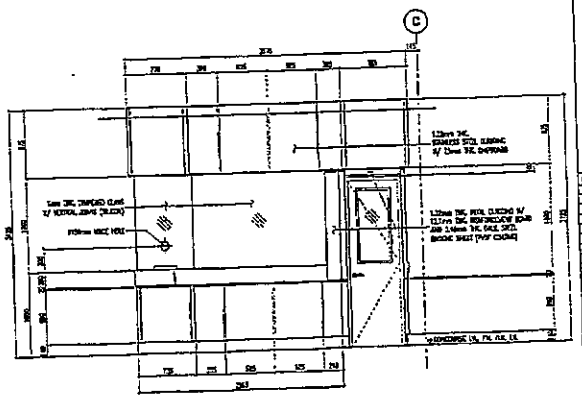
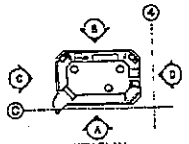


C ELEVATION-C
HAEIAR 114 SCALE 1:25

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL SPECIFICATION :
   - 2.1 PANELS:
     - 2.1.1 CLADDING/SOFFIT/ROOF: 1.22mm THK. STAINLESS STEEL (HAIRLINE) W/ 25mm THK. CHIPBOARD.
     - 2.1.2 SYSTEM #3: 1A
       1.22mm THK. GALVANIZED SHEET TO ASTM A446, ZG75 WITH 0.46mm THK METAL BACKING SHEET BONDED TO 12.7mm THK. MOISTURE RESISTANT GYPSUM BOARD.
   - 2.2 FASTENERS/PINS/SCREWS:
     - ALL FASTENERS, PINS, SCREWS AND OTHER ATTACHMENT TO BE STAINLESS STEEL U.N.O.
   - 2.3 LAMINATED SAFETY GLASS:
     - 5mm THK. TEMPERED GLASS.
   - 2.4 SEALANT :
     - DOW CORNING 791-S ONE PART SILICONE SEALANT CONFORMING TO ASTM C-920.



KEY PLAN

REVISIONS

REV#	DATE	PARTICULARS	BY

REMARKS:

MMLRT CONSULTANTS

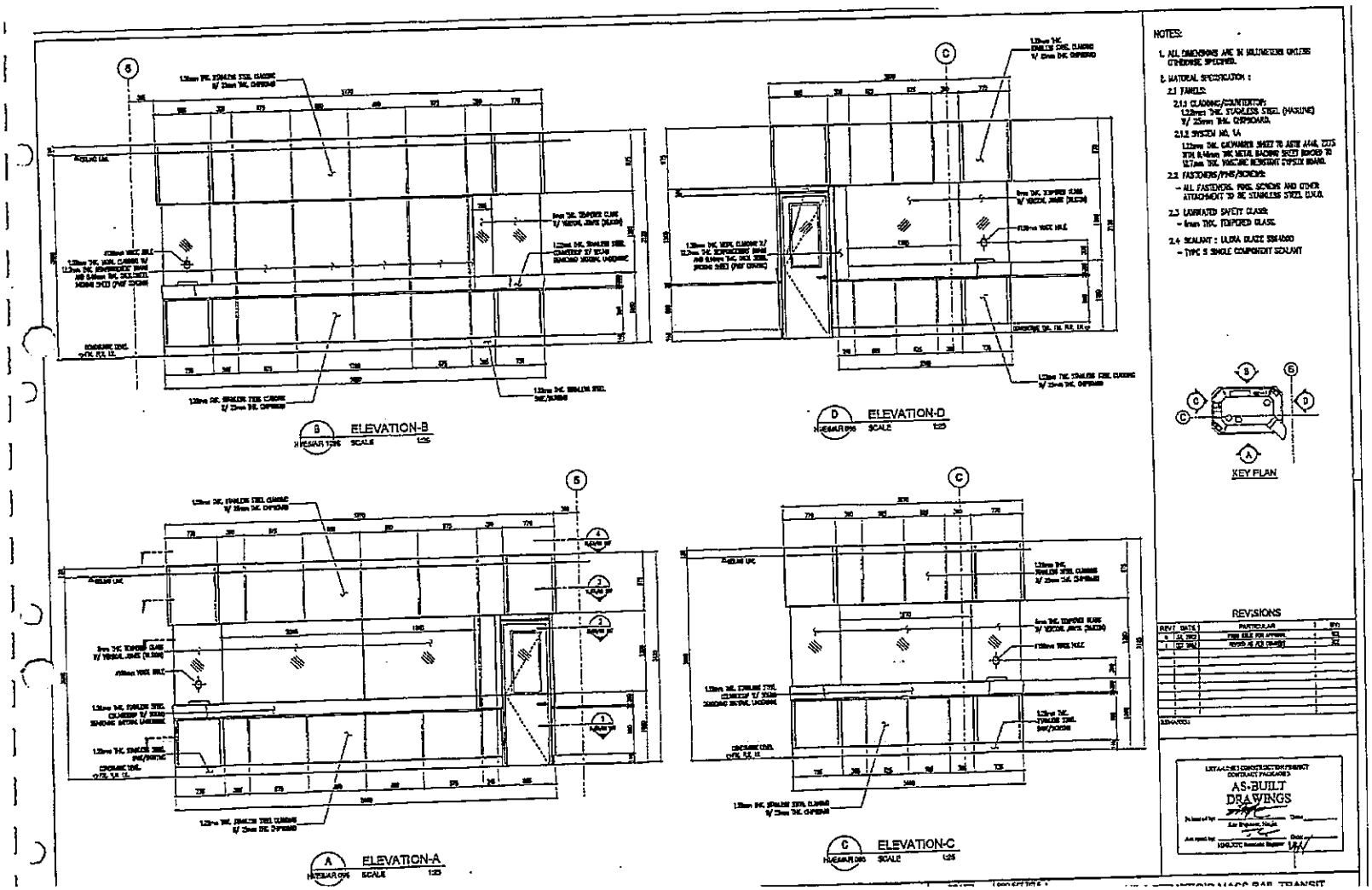
LRT4-LINE CONSTRUCTION PROJECT
CONTRACT PACKAGE 2

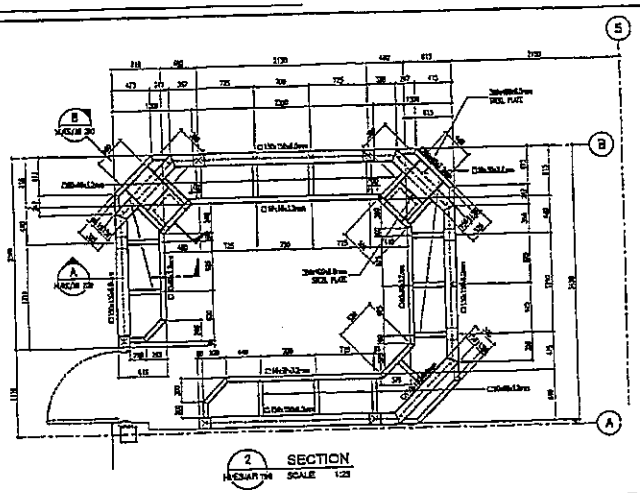
AS-BUILT DRAWINGS

Prepared by: _____ Date: _____
Jun Bagunas, PEng.

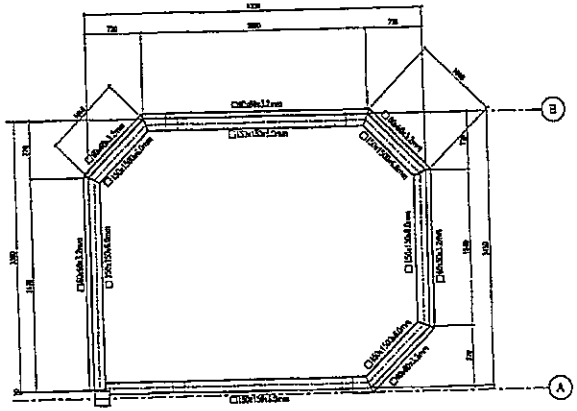
Accepted by: _____ Date: _____
MMLRT Project Engineer

MANILA LIGHT RAIL TRANSIT

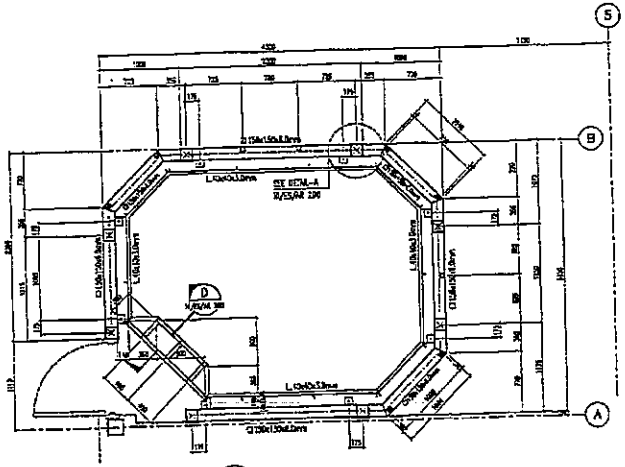

B ELEVATION-B
D ELEVATION-D
A ELEVATION-A
C ELEVATION-C
KEY PLAN
NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL SPECIFICATION :
2.1 PANELS:
2.1.1 CLADDING/PARTITION:
1.22mm THK. STAINLESS STEEL (HAIRLINE) W/ 25mm THK. GYPSBOARD.
2.1.2 SYSTEM NO. 1A
1.22mm THK. GALVANIZE SHEET TO ASTM A446, 2275 MPM, 0.46mm THK METAL BACKING SHEET BONDED TO 12.7mm THK. MOISTURE RESISTANT GYPSUM BOARD.
2.2 FASTENERS/PINS/SCREWS:
- ALL FASTENERS, PINS, SCREWS AND OTHER ATTACHMENT TO BE STAINLESS STEEL GRADE.
2.3 LAMINATED SAFETY GLASS:
- 6mm THK. TEMPERED GLASS.
2.4 SEALANT : ULTRA GLAZE SSG4000
- TYPE S SINGLE COMPONENT SEALANT
REVISIONS
AS-BUILT DRAWINGS



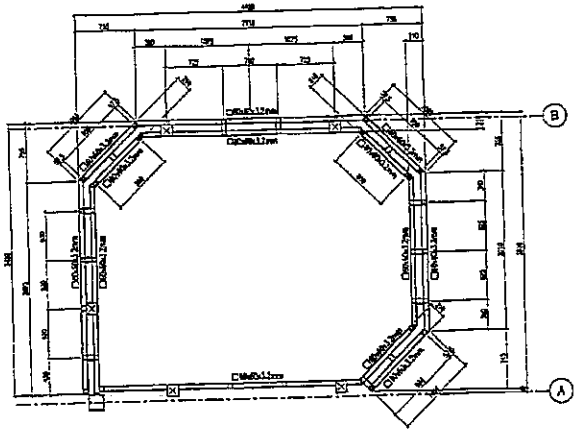
2 SECTION
SCALE 1:25



4 SECTION
SCALE 1:25



1 SECTION
SCALE 1:25



3 SECTION
SCALE 1:25

PAO LAYOUT PLAN

NOTES :

1. ALL PLATES AND OPEN SECTIONS ARE ASTM SPECIFICATION A36 UNO
2. ALL TUBULAR SECTIONS ARE STKR 400 GRADE OR EQUIVALENT
3. ALL WELDING ARE IN ACCORDANCE WITH AWS D1.1
4. ALL WELDS FOR SECTIONS 5mm THICKNESS OR LESS ARE 3mm CFW UNO

   FOR SECTIONS OF THICKNESS MORE THAN 5mm USE 5mm CFW UNO
5. ALL BOLTS ARE ASTM A325 SPECIFICATION
6. ALL BOLTS ARE GALVANISED FINISH
7. ALL BURRS AND SHARP EDGES ARE REMOVED
8. ALL LENGTHS ON THE DRAWING ARE DEAD LENGTHS, NO ALLOWANCES HAVE BEEN MADE FOR WELD SHRINKAGE OR SECTION CUTOUTS
9. ALL FABRICATION WORK IS TO COMPLY WITH THE CONTRACT SPECIFICATION, APPROVED FABRICATION PROCEDURES, AND AISC SPECIFICATION
10. ALL FABRICATED PARTS ARE GALVANISED PRIOR TO DELIVERY TO SITE
11. GALVANISING WERE REMOVED FROM AREAS TO BE WELDED PRIOR TO ASSEMBLY. ALL DAMAGED GALVANISED AREAS WERE GIVEN TWO COATS OF APPROVED ZINC RICH PAINT AFTER WELDING

REVISIONS

REV	DATE	PARTICULAR	BY

REMARKS :

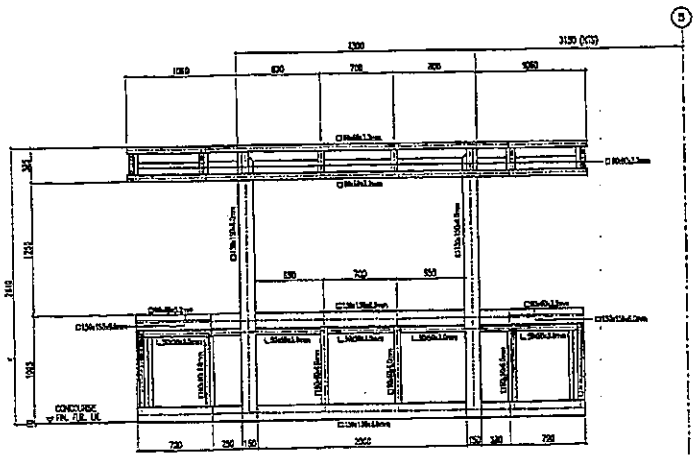
MMLRT CONSULTANTS

AS-BUILT DRAWINGS

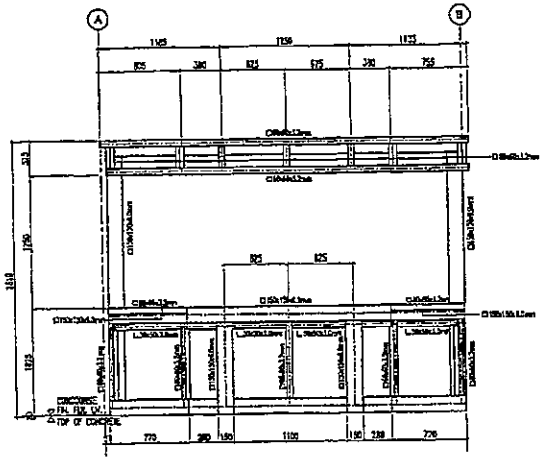
Submitted by : _____ Date : _____

Approved by : _____ Date : _____

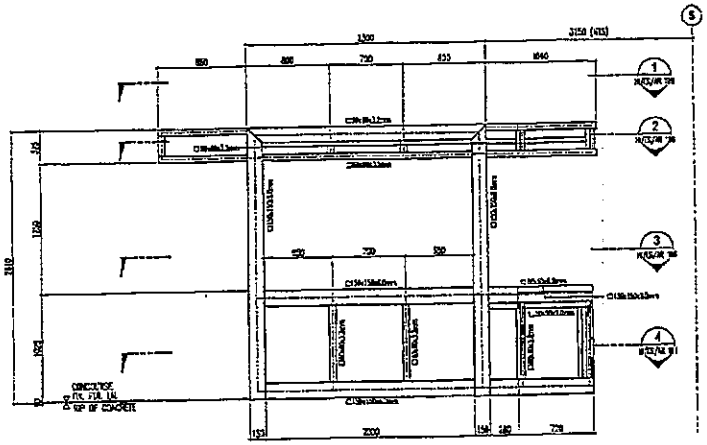
PROJECT TITLE : ... STRATEGIC MASS RAIL TRANSIT



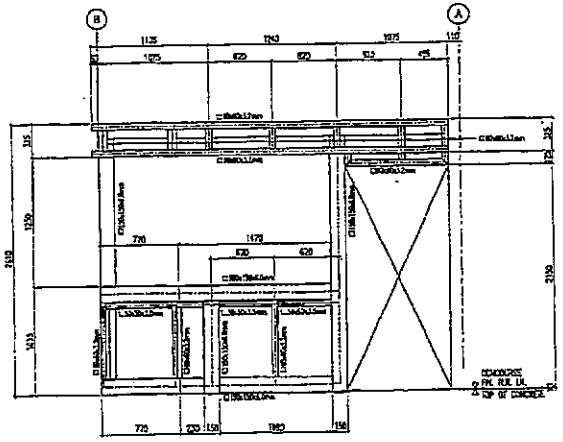
2 ELEVATION-2
HVESAR198 SCALE 1:20



4 ELEVATION-4
HVESAR198 SCALE 1:20



1 ELEVATION-1
HVESAR198 SCALE 1:20



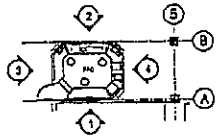
3 ELEVATION-3
HVESAR198 SCALE 1:20

PAO FRAMING ELEVATION

NOTES :

1. ALL PLATES AND RHS SECTIONS ARE ASTM SPECIFICATION A36 MIN
2. ALL TUBULAR SECTIONS ARE STKR 400 GRADE OR EQUIVALENT
3. ALL WELDING ARE IN ACCORDANCE WITH AWS D1.1
4. ALL WELDS FOR SECTIONS 5mm THICKNESS OR LESS ARE 3mm CFW (CS)

   FOR SECTIONS OF THICKNESS MORE THAN 5mm USE 5mm CFW (CS)
5. ALL BOLTS ARE ASTM A325 SPECIFICATION
6. ALL BOLTS ARE GALVANISED FINISH
7. ALL BURRS AND SHARP EDGES ARE REMOVED
8. ALL LENGTHS ON THIS DRAWING ARE READ EDGE TO EDGE NO ALLOWANCES HAVE BEEN MADE FOR WELD SHRINKAGE OR SECTION OVALITY
9. ALL FABRICATION WORK IS TO COMPLY WITH THE CONTRACT SPECIFICATION, APPROVED FABRICATION PROCEDURES, AND AISC SPECIFICATION.
10. ALL FABRICATED PARTS ARE GALVANISED PRIOR TO DELIVERY TO SITE
11. GALVANISING WERE REMOVED FROM AREAS TO BE WELDED PRIOR TO ASSEMBLY. ALL DAMAGED GALVANISED AREAS WERE GIVEN TWO COATS OF APPROVED ZINC RICH PAINT AFTER WELDING



KEYPLAN

REVISIONS

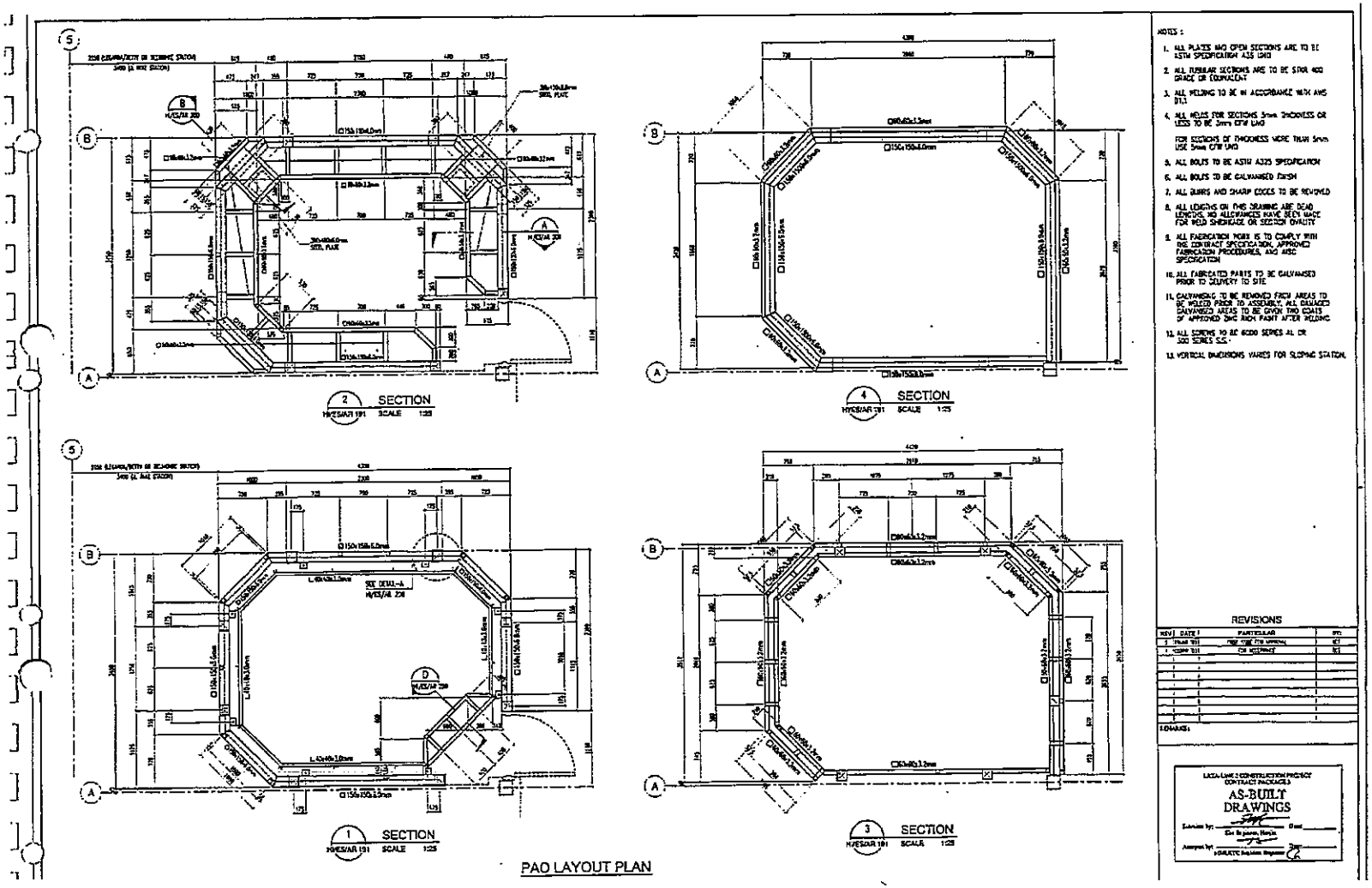
REV	DATE	PARTICULAR	BY

ABRAHAM

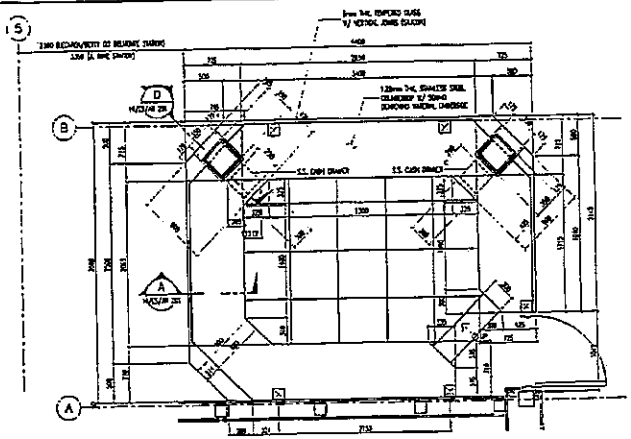
MMLRT CONSULTANTS

CONTRACT PACKAGE 3

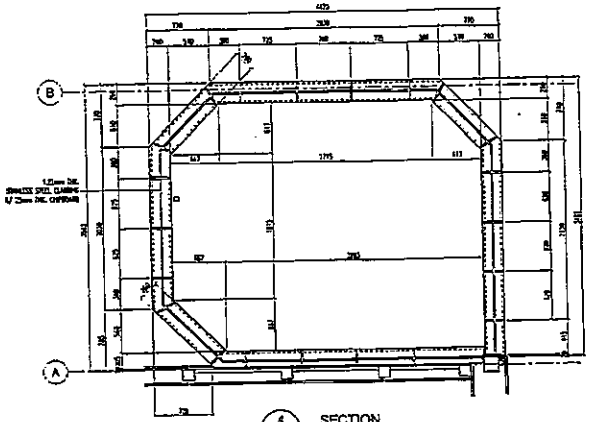
AS-BUILT DRAWINGS



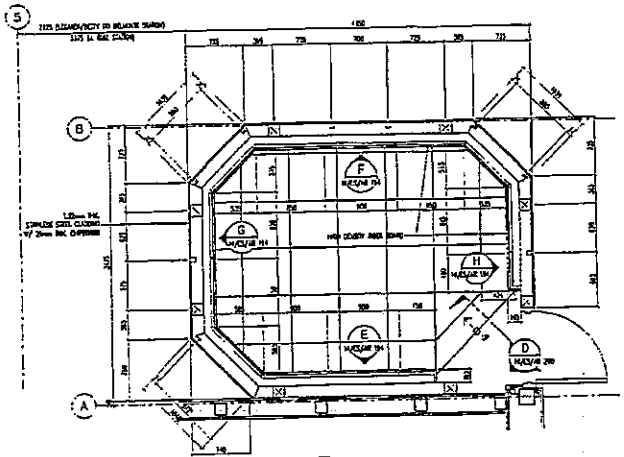
PAO LAYOUT PLAN



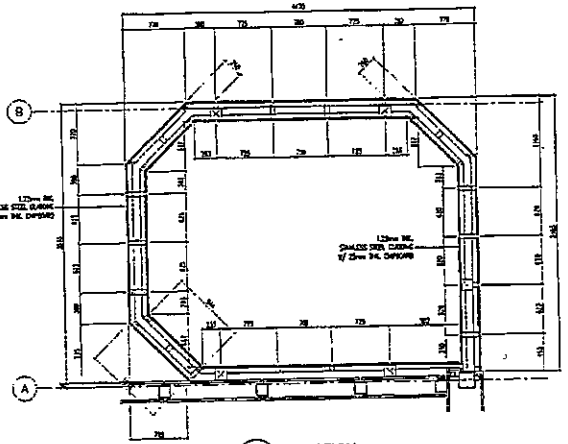
2 SECTION
HVESAR 193 SCALE 1:25



4 SECTION
HVESAR 193 SCALE 1:25



1 SECTION
HVESAR 193 SCALE 1:25



3 SECTION
HVESAR 193 SCALE 1:25

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. MATERIAL SPECIFICATION :
   - 2.1 CLADDING/COUNTERTOP:
     - 1.22mm THK STAINLESS STEEL (MARINE) W/ 25mm THK. CHIPBOARD.
   - 2.2 FASTENERS/PINS/SCREWS:
     - ALL FASTENERS, PINS, SCREWS AND OTHER ATTACHMENT TO BE STAINLESS STEEL U.N.O.
   - 2.3 LAMINATED SAFETY GLASS:
     - 6mm THK. TEMPERED GLASS.
   - 2.4 SEALANT : ULTRA GLAZE SS64000
     - TYPE S SINGLE COMPONENT SEALANT

REVISIONS

REVI	DATE	PARTICULAR	BY
1	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]

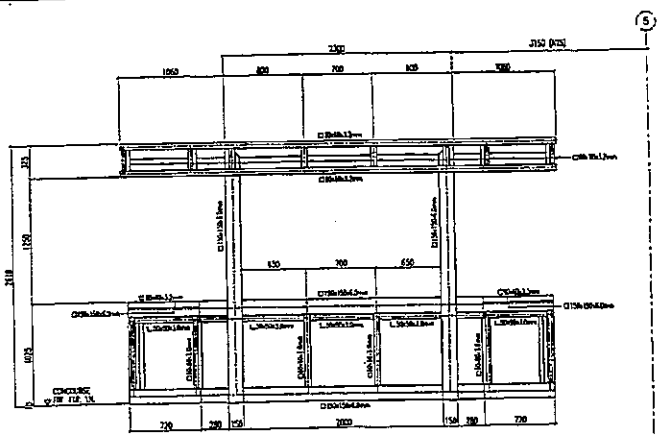
REMARKS :

LRT-1 LINE2 CONSTRUCTION PROJECT
CONTRACT PACKAGE 3

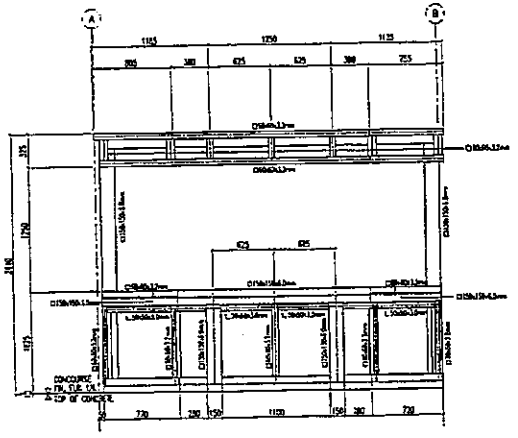
AS-BUILT DRAWINGS

Submitted by: _____ Date: _____
Rail Engineering Manager

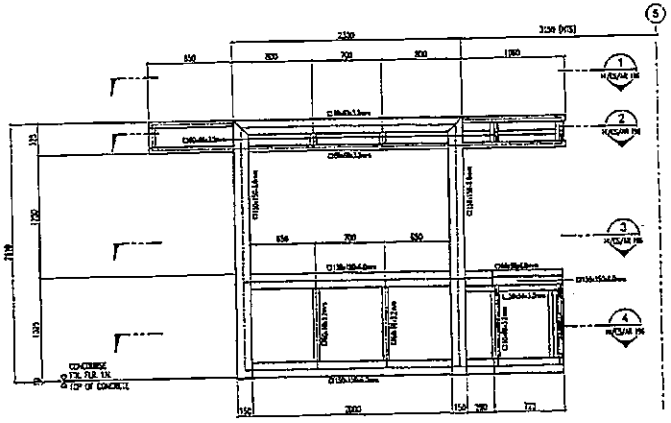
Accepted by: _____ Date: _____
MRT/LRTA Railway Engineer



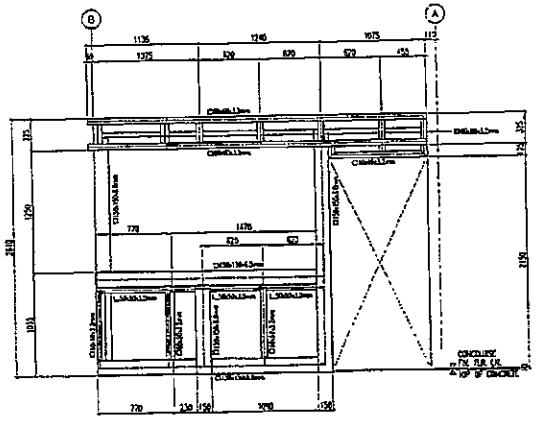
2 ELEVATION-2
HMESAR195 SCALE 1:20



4 ELEVATION-4
HMESAR195 SCALE 1:20



1 ELEVATION-1
HMESAR195 SCALE 1:20



3 ELEVATION-3
HMESAR195 SCALE 1:20

PAD FRAMING ELEVATION

NOTES :

1. ALL PLATES AND OPEN SECTIONS ARE ASTM SPECIFICATION A36 GRD
2. ALL TUBULAR SECTIONS ARE STKR 400 GRADE OR EQUIVALENT
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   FOR SECTIONS OF THICKNESS MORE THAN 5mm USE 5mm CFW UNO
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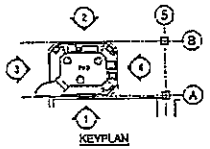


KEYPLAN

REVISIONS

REV	DATE	PARTICULAR	BY

REMARKS:

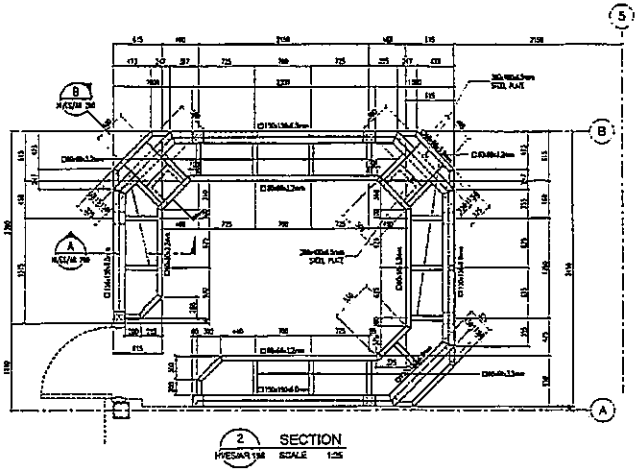
MMLRT CONSULTANTS

LATA-GENEL CONSTRUCTION PROJECT
CONTRACT PACKAGE 3

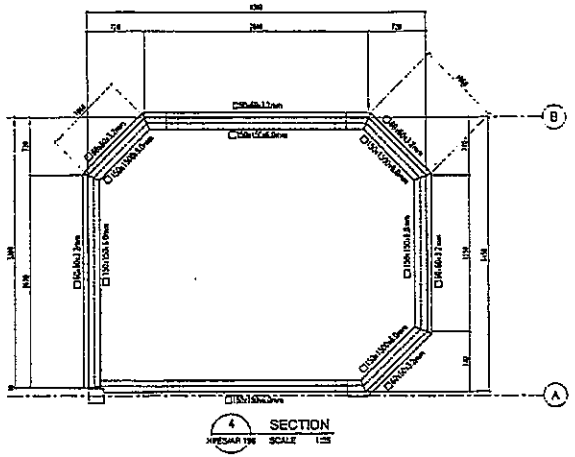
AS-BUILT DRAWINGS

Submitted by: _____ Date: _____

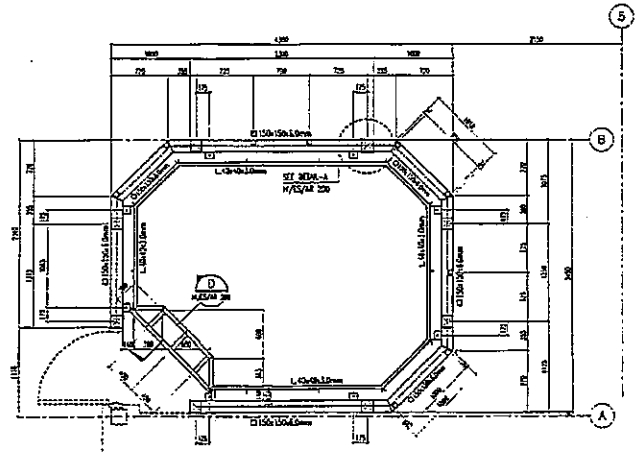
Accepted by: _____ Date: _____



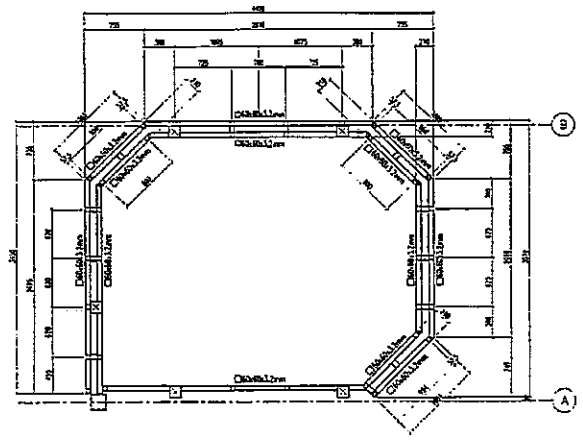
2 SECTION
H/ESKAR 196 SCALE 1:25



4 SECTION
H/ESKAR 196 SCALE 1:25



1 SECTION
H/ESKAR 196 SCALE 1:25



3 SECTION
H/ESKAR 196 SCALE 1:25

PAO LAYOUT PLAN

NOTES :

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11. GALVANISING WERE REMOVED FROM AREAS TO BE WELDED PRIOR TO ASSEMBLY. ALL DAMAGED GALVANISED AREAS WERE GIVEN TWO COATS OF APPROVED ZINC RICH PAINT AFTER WELDING

REVISIONS

REV	DATE	PARTICULAR	BY

REMARKS :

MMLRT CONSULTANTS

LRT1-LINE1 CONSTRUCTION PROJECT
CONTRACT PACKAGE 3

AS-BUILT
DRAWINGS

Submitted by: _____ Date: _____
Site Engineer, Konjin

Approved by: _____ Date: _____
MR.ELERIC Kwabena Obeng

BILL OF QUANTITIES

PROJECT : REHABILITATION OF FLOORING OF PASSENGER ASSISTANCE OFFICE (PAO) AT LRT 2 STATIONS

Item	Description	Quantity	Unit	Unit Cost	Total Cost
A.	**DIRECT COST**				
I	**GENERAL REQUIREMENTS**				
1	Project Supervision	1.00	lot		
2	Permits and Clearances	1.00	lot		
3	Occupational Safety & Health Program	1.00	lot		
II	**DEMOLITION WORKS**				
1	Recto Passenger Assistance Office 1	1.00	job		
2	Recto Passenger Assistance Office 2	1.00	job		
3	Legarda Passenger Assistance Office	1.00	job		
4	Pureza Passenger Assistance Office	1.00	job		
5	V.Mapa Passenger Assistance Office	1.00	job		
6	J. Ruiz Passenger Assistance Office	1.00	job		
7	Gilmore Passenger Assistance Office	1.00	job		
8	Betty Go-Belmonte Passenger Assistance Office	1.00	job		
9	Cubao Passenger Assistance Office 1	1.00	job		
10	Cubao Passenger Assistance Office 2	1.00	job		
11	Anonas Passenger Assistance Office	1.00	job		
12	Katipunan Passenger Assistance Office 1	1.00	job		
13	Katipunan Passenger Assistance Office 2	1.00	job		
14	Santolan Passenger Assistance Office 1	1.00	job		
15	Santolan Passenger Assistance Office 2	1.00	job		
III	**INSTALLATION OF NEW RAISED FLOOR PANEL SYSTEM AT PASSENGER ASSISTANCE OFFICE**				
	Materials: *60cm Length x 60cm Width x 30mm-35mm thk. Aluminum Alloy and/or Stainless Steel Raised Floor Panel with anti-slip/anti-skid vinyl tiles and complete Accessories*				
1	Recto Passenger Assistance Office 1	20.00	sq.m.		
2	Recto Passenger Assistance Office 2	8.00	sq.m.		
3	Legarda Passenger Assistance Office	15.00	sq.m.		
4	Pureza Passenger Assistance Office	15.00	sq.m.		
5	V.Mapa Passenger Assistance Office	15.00	sq.m.		
6	J. Ruiz Passenger Assistance Office	15.00	sq.m.		
7	Gilmore Passenger Assistance Office	15.00	sq.m.		
8	Betty Go-Belmonte Passenger Assistance Office	15.00	sq.m.		
9	Cubao Passenger Assistance Office 1	20.00	sq.m.		
10	Cubao Passenger Assistance Office 2	8.00	sq.m.		
11	Anonas Passenger Assistance Office	15.00	sq.m.		
12	Katipunan Passenger Assistance Office 1	20.00	sq.m.		
13	Katipunan Passenger Assistance Office 2	8.00	sq.m.		
14	Santolan Passenger Assistance Office 1	20.00	sq.m.		
15	Santolan Passenger Assistance Office 2	8.00	sq.m.		

Bidder's Name:

Signature over Printed Name

BILL OF QUANTITIES

PROJECT : REHABILITATION OF FLOORING OF PASSENGER ASSISTANCE OFFICE (PAO) AT LRT 2 STATIONS

Item	Description	Quantity	Unit	Unit Cost	Total Cost
IV	**ELECTRICAL WORKS**				
1	Recto Passenger Assistance Office 1	1.00	lot		
2	Recto Passenger Assistance Office 2	1.00	lot		
3	Legarda Passenger Assistance Office	1.00	lot		
4	Pureza Passenger Assistance Office	1.00	lot		
5	V.Mapa Passenger Assistance Office	1.00	lot		
6	J. Ruiz Passenger Assistance Office	1.00	lot		
7	Gilmore Passenger Assistance Office	1.00	lot		
8	Betty Go-Belmonte Passenger Assistance Office	1.00	lot		
9	Cubao Passenger Assistance Office 1	1.00	lot		
10	Cubao Passenger Assistance Office 2	1.00	lot		
11	Anonas Passenger Assistance Office	1.00	lot		
12	Katipunan Passenger Assistance Office 1	1.00	lot		
13	Katipunan Passenger Assistance Office 2	1.00	lot		
14	Santolan Passenger Assistance Office 1	1.00	lot		
15	Santolan Passenger Assistance Office 2	1.00	lot		
V	**PAINTING WORKS (UNDER FLOOR)**				
1	Recto Passenger Assistance Office 1	24.00	sq.m.		
2	Recto Passenger Assistance Office 2	9.60	sq.m.		
3	Legarda Passenger Assistance Office	18.00	sq.m.		
4	Pureza Passenger Assistance Office	18.00	sq.m.		
5	V.Mapa Passenger Assistance Office	18.00	sq.m.		
6	J. Ruiz Passenger Assistance Office	18.00	sq.m.		
7	Gilmore Passenger Assistance Office	18.00	sq.m.		
8	Betty Go-Belmonte Passenger Assistance Office	18.00	sq.m.		
9	Cubao Passenger Assistance Office 1	24.00	sq.m.		
10	Cubao Passenger Assistance Office 2	9.60	sq.m.		
11	Anonas Passenger Assistance Office	18.00	sq.m.		
12	Katipunan Passenger Assistance Office 1	24.00	sq.m.		
13	Katipunan Passenger Assistance Office 2	9.60	sq.m.		
14	Santolan Passenger Assistance Office 1	24.00	sq.m.		
15	Santolan Passenger Assistance Office 2	9.60	sq.m.		

Bidder's Name:

Signature over Printed Name

BILL OF QUANTITIES

PROJECT : REHABILITATION OF FLOORING OF PASSENGER ASSISTANCE OFFICE (PAO) AT LRT 2 STATIONS

Item	Description	Quantity	Unit	Unit Cost	Total Cost
APPROXIMATE SUMMARY OF COST					
I. ESTIMATED PROJECT COST					TOTAL (PhP)
I.A	**Estimated Direct Cost (EDC):**				
I.	General Requirements				
II.	Demolition Works				
III.	Installation of New Raised Floor Panel System at Passenger Assistance Office				
IV.	Electrical Works				
VI.	Painting Works (Under Floor)				
				SUBTOTAL (A)	
I.B	**Estimated Indirect Cost (EIC):**				
	I.B1 OCM (12% of EDC)				
	I.B2 Contractor's Profit (8% of EDC)				
	I.B.3 VAT (5% of the sum of EDC, OCM and Contractor's Profit)				
	I.B.4 Mobilization/Demobilization (1% of EDC)				
				SUBTOTAL (B)	
TOTAL (A + B)					

Bidder's Name:

Signature over Printed Name

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : I.1. Project Supervision
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Day/s	Daily Rate	Amount
A	Labor a. Project Engineer	1.00	180.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Day/s	Daily Rate	Amount
B	Equipment				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F	Materials				
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : I.2. Permits and Clearances
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Day/s	Daily Rate	Amount
A	Labor				
	Sub Total for A				₱ -
	Name and Capacity	No. of Unit/s	No. of Day/s	Daily Rate	Amount
B	Equipment a. Minor Tools (10% of Labor Cost)				₱ -
	Sub Total for B				₱ -
C	Total (A + B)				₱ -
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				₱ -
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F	Materials a. Building Permits and Clearances for the following Local Government Units (LGUs), 1. Manila City (Recto, Legarda, Pureza, V. Mapa) 2. San Juan City (J. Ruiz) 3. Quezon City (Gilmore, Betty Go, Cubao, Anonas, Katipunan) 4. Pasig City (Santolan)	 stations stations stations stations	 4.000 1.000 5.000 1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : I.3. Occupational Safety & Health Program
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor a. Safety Officer	1.00	180.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. Safety Helmet	pcs	8.000		
	b. Safety Shoes	pcs	8.000		
	c. Safety Gloves	pcs	8.000		
	d. Reflectorized Vest	pcs	8.000		
	e. Dust Mask	pcs	6.000		
	f. First Aid Kit	set	2.000		
	g. Warning Signages (2'x3')	sets	13.000		
	h. Caution Tape (100ft)	rolls	3.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : II. Removal of Existing Raised Floor System, Outlets, Electrical Wirings, etc.
(Unit Price for Recto PAO 1, Cubao PAO 1, Katipunan PAO 1 and Santolan PAO 1)
Unit of Measurement : job
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	7.00		
	b. Skilled Worker	2.00	7.00		
	c. Non-skilled Worker	3.00	7.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : II. Removal of Existing Raised Floor System, Outlets, Electrical Wirings, etc. (Unit Price for Legarda, Pureza, V.Mapa, J.Ruiz, Gilmore, Betty Go-Belmonte, Anonas)

Unit of Measurement : job

Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	5.00		
	b. Skilled Worker	2.00	5.00		
	c. Non-skilled Worker	3.00	5.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : II. Removal of Existing Raised Floor System, Outlets, Electrical Wirings, etc.
(Unit Price for Recto PAO 2, Cubao PAO 2, Katipunan PAO 2 and Santolan PAO 2)
Unit of Measurement : job
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : III. Installation of New Raised Floor Panel System at Passenger Assistance Office (Unit Price for Recto PAO 1, Cubao PAO 1, Katipunan PAO 1 and Santolan PAO 1)
Unit of Measurement : sq.m.
Output : 20.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	10.00		
	b. Skilled Worker	2.00	10.00		
	c. Non-skilled Worker	3.00	10.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				20.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 60cm Length x 60cm Width x 30mm-35mm thk. Aluminum Alloy Raised Floor Panel with anti-slip/anti-skid vinyl tiles and complete Accessories	sets	2.78		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : III. - Installation of New Raised Floor Panel System at Passenger Assistance Office (Unit Price for Legarda, Pureza, V.Mapa, J.Ruiz, Gilmore, Betty Go-Belmonte, Anonas PAO)
Unit of Measurement : sq.m.
Output : 15.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	7.50		
	b. Skilled Worker	2.00	7.50		
	c. Non-skilled Worker	3.00	7.50		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				15.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 60cm Length x 60cm Width x 30mm-35mm thk. Aluminum Alloy Raised Floor Panel with anti-slip/anti-skid vinyl tiles and complete Accessories	sets	2.78		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : III. Installation of New Raised Floor Panel System at Passenger Assistance Office (Unit Price for Recto PAO 2, Cubao PAO 2, Katipunan PAO 2 and Santolan PAO 2)
Unit of Measurement : sq.m.
Output : 8.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	4.00		
	b. Skilled Worker	2.00	4.00		
	c. Non-skilled Worker	3.00	4.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				8.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 60cm Length x 60cm Width x 30mm-35mm thk. Aluminum Alloy Raised Floor Panel with anti-slip/anti-skid vinyl tiles and complete Accessories	sets	2.78		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.1. Electrical Works (Recto Passenger Assistance 1)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	2.00		
	b. Skilled Worker	2.00	2.00		
	c. Non-skilled Worker	3.00	2.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	20.000		
	c. Universal Duplex Convenience Outlet	pcs	6.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	6.000		
	f. Electrical Tape	pcs	50.000		
	g. Quick-Open Bolted type (QOB) 15A, 2Pole, 240V, Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.2. Electrical Works (Recto Passenger Assistance 2)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	35.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	50.000		
	g. Quick-Open Bolted type (QOB) 15A, 2Pole, 240V, Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.3. Electrical Works (Legarda Passenger Assistance Office)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	20.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	25.000		
	g. QOB 15A, 2Pole, 240V, Bolt-on type Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.4. Electrical Works (Pureza Passenger Assistance Office)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	20.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	25.000		
	g. QOB 15A, 2Pole, 240V, Bolt-on type Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.5. Electrical Works (V.Mapa Passenger Assistance Office)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	**No. of Unit/s**	**No. of Hours**	**Hourly Rate**	**Amount (PhP)**
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				₱ -
	Sub Total for B				₱ -
C	Total (A + B)				₱ -
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				₱ -
	Name and Specification	**Unit**	**Quantity**	**Unit Cost (PhP)**	**Amount (PhP)**
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	20.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	25.000		
	g. QOB 15A, 2Pole, 240V, Bolt-on type Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.6. Electrical Works (J.Ruiz Passenger Assistance Office)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
B	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	20.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	25.000		
	g. QOB 15A, 2Pole, 240V, Bolt-on type Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.7. Electrical Works (Gilmore Passenger Assistance Office)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	20.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	25.000		
	g. QOB 15A, 2Pole, 240V, Bolt-on type Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.8. Electrical Works (Betty Go-Belmonte Passenger Assistance Office)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	20.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	25.000		
	g. QOB 15A, 2Pole, 240V, Bolt-on type Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.9. Electrical Works (Cubao Passenger Assistance Office 1)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	2.50		
	b. Skilled Worker	2.00	2.50		
	c. Non-skilled Worker	3.00	2.50		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	30.000		
	c. Universal Duplex Convenience Outlet	pcs	6.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	6.000		
	f. Electrical Tape	pcs	50.000		
	g. Quick-Open Bolted type (QOB) 15A, 2Pole, 240V, Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.10. Electrical Works (Cubao Passenger Assistance Office 2)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	**Labor**				
	a. Construction Foreman	1.00	2.50		
	b. Skilled Worker	2.00	2.50		
	c. Non-skilled Worker	3.00	2.50		
	Sub Total for A				
	Name and Capacity	**No. of Unit/s**	**No. of Hours**	**Hourly Rate**	**Amount (PhP)**
B	**Equipment**				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	**Total (A + B)**				
D	**Output**				1.00
E	**Direct Unit Cost (C ÷ D)**				
	Name and Specification	**Unit**	**Quantity**	**Unit Cost (PhP)**	**Amount (PhP)**
F	**Materials**				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	10.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	50.000		
	g. Quick-Open Bolted type (QOB) 15A, 2Pole, 240V, Circuit Breaker	unit	1.000		
	Sub Total for F				
G	**Total Unit Cost (E + F)**				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.11. Electrical Works (Anonas Passenger Assistance Office)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	**Labor**				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	**No. of Unit/s**	**No. of Hours**	**Hourly Rate**	**Amount (PhP)**
B	**Equipment**				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	**Total (A + B)**				
D	**Output**				1.00
E	**Direct Unit Cost (C ÷ D)**				
	Name and Specification	**Unit**	**Quantity**	**Unit Cost (PhP)**	**Amount (PhP)**
F	**Materials**				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	20.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	25.000		
	g. QOB 15A, 2Pole, 240V, Bolt-on type Circuit Breaker	unit	1.000		
	Sub Total for F				
G	**Total Unit Cost (E + F)**				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.12. Electrical Works (Katipunan Passenger Assistance Office 1)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	2.00		
	b. Skilled Worker	2.00	2.00		
	c. Non-skilled Worker	3.00	2.00		
	Sub Total for A				
	Name and Capacity	**No. of Unit/s**	**No. of Hours**	**Hourly Rate**	**Amount (PhP)**
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	**Unit**	**Quantity**	**Unit Cost (PhP)**	**Amount (PhP)**
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	5.000		
	c. Universal Duplex Convenience Outlet	pcs	6.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	6.000		
	f. Electrical Tape	pcs	50.000		
	g. Quick-Open Bolted type (QOB) 15A, 2Pole, 240V, Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.10. Electrical Works (Katipunan Passenger Assistance Office 2)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	**Labor**				
	a. Construction Foreman	1.00	3.00		
	b. Skilled Worker	2.00	3.00		
	c. Non-skilled Worker	3.00	3.00		
	Sub Total for A				
	Name and Capacity	**No. of Unit/s**	**No. of Hours**	**Hourly Rate**	**Amount (PhP)**
B	**Equipment**				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	**Total (A + B)**				
D	**Output**				1.00
E	**Direct Unit Cost (C ÷ D)**				
	Name and Specification	**Unit**	**Quantity**	**Unit Cost (PhP)**	**Amount (PhP)**
F	**Materials**				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	25.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	50.000		
	g. Quick-Open Bolted type (QOB) 15A, 2Pole, 240V, Circuit Breaker	unit	1.000		
	Sub Total for F				
G	**Total Unit Cost (E + F)**				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.14. Electrical Works (Santolan Passenger Assistance Office 1)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	2.50		
	b. Skilled Worker	2.00	2.50		
	c. Non-skilled Worker	3.00	2.50		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	10.000		
	c. Universal Duplex Convenience Outlet	pcs	6.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	6.000		
	f. Electrical Tape	pcs	50.000		
	g. Quick-Open Bolted type (QOB) 15A, 2Pole, 240V, Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : IV.15. Electrical Works (Santolan Passenger Assistance Office 2)
Unit of Measurement : lot
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	2.50		
	b. Skilled Worker	2.00	2.50		
	c. Non-skilled Worker	3.00	2.50		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	a. Minor Tools (10% of Labor Cost)				
	Sub Total for B				
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. 3.5 sq.mm THHN Wire (150m/box)	box	1.00		
	b. RSC Pipe 20mm Dia. x 3m length	pcs	25.000		
	c. Universal Duplex Convenience Outlet	pcs	4.000		
	d. Pull Box w/ Cover 4"x4"x1-1/2"	pcs	1.000		
	e. PVC Utility Box 4"x2"	pcs	4.000		
	f. Electrical Tape	pcs	50.000		
	g. Quick-Open Bolted type (QOB) 15A, 2Pole, 240V, Circuit Breaker	unit	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name:

PROPOSED IMPROVEMENT OF LRTA FACILITIES
LRTA LINE 2, SANTOLAN PASIG

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No. & Description : V. Painting Works (Under Floor)
Unit of Measurement : sq.m.
Output : 1.00

	Designation	No. of Person/s	No. of Days	Daily Rate	Amount (PhP)
A	Labor				
	a. Construction Foreman	1.00	0.50		
	b. Skilled Worker	2.00	0.50		
	c. Non-skilled Worker	3.00	0.50		
	Sub Total for A				
	Name and Capacity	No. of Unit/s	No. of Hours	Hourly Rate	Amount (PhP)
B	Equipment				
	Sub Total for B				₱ -
C	Total (A + B)				
D	Output				1.00
E	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost (PhP)	Amount (PhP)
F	Materials				
	a. Concrete Sealer, 2coats	gal	0.200		
	b. Fire Retardant Paint, 4L/gal	gal	0.100		
	c. Paint Roller 4" w/ Rolling Pan	pcs	1.000		
	d. Paint Brush, 2"	pcs	1.000		
	e. Masking Tape, 1"	pcs	1.000		
	Sub Total for F				
G	Total Unit Cost (E + F)				

Bidder's Name: