LIGHT RAIL TRANSIT AUTHORITY

BAGONG PILIPINAS

Invitation to Bid for the

Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System Under PR No. RS2-2410-259 and ITB No. 2502-30-11

Schedule of Activities

Pre-bid Conference : **13 August 2025 (Wednesday)** at 10:00 A.M.
Cafeteria, LRTA Line 2- Depot, Santolan, Pasig City

Deadline of Submission of Bids : **27 August 2025 (Wednesday)** at 9:30 A.M.
Cafeteria, LRTA Line 2- Depot, Santolan, Pasig City

Opening of Bids : **27 August 2025 (Wednesday)** at 10:00 A.M.
Cafeteria, LRTA Line 2- Depot, Santolan, Pasig City

Complete details of the Technical Specifications are in the Bidding Documents, and can be viewed on PhilGEPS and LRTA websites.

The Light Rail Transit Authority (LRTA), through the Government of the Philippines (GOP) FY 2025, intends to apply the sum of **Forty-Five Million Nine Hundred Thousand (₱45,900,000.00) Pesos only,** inclusive of all duties, taxes, and/or other charges, being the Approved Budget for the Contract (ABC) to payments under the afore-mentioned contract. Bids received in excess of the ABC shall be automatically rejected at bid opening.

LRTA now invites bids from Prospective/Interested Bidders with the following details:

Description	Approved Budget for the Contract (ABC) (₱)	Bid Security		Cost of Bid Documents
		Cash/CC-MCBank draft/ guarantee or ILC (2%)	Surety bond (5%)	
Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System	**₱45,900,000.00**	**₱918,000.00**	**₱2,295,000.00**	**₱25,000.00**

Note: Prospective bidders have the option to post a Bid Securing Declaration which commits to pay the corresponding amount as fine and be suspended for a period of time from being qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as required in the guidelines issued by the GPPB.

The contract period is within **Sixty (60) Calendar Days from receipt of Notice to Proceed (NTP).** Bidders should have completed, within fifteen (15) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

Bidding will be conducted through open competitive bidding procedure using a non-discretionary" pass/*fail"* criterion as specified in the 2016 Implementing Rules and Regulations (R-IRR) of Republic Act No. 9184.

Bidding is restricted to Filipino citizens / sole proprietorships, partnerships, corporations, cooperatives or joint ventures with at least sixty (60%) percent interest or outstanding capital stock belonging to citizens of the Philippines and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

Prospective Bidders may obtain further information from LRTA and inspect the Bidding Documents at the BAC Secretariat Office, LRTA Line 2 Depot, Marcos Highway, Santolan, Pasig City during office hours from 8:00 A.M. to 5:00 P.M.

A complete set of Bidding Documents may be acquired by interested Bidders on **06 August 2025 (Wednesday)** until not later than the deadline for the submission and receipt of bids from the address below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount indicated above. The LRTA shall allow the bidder to present its proof of payment for the fees through personal appearance, facsimile, or through e-mail.

The LRTA will hold a Pre-Bid Conference on the date and address as described above, which shall be open to prospective bidders.

Bids must be duly received by the BAC Secretariat through manual submission at the address indicated above on or before **27 August 2025 (Wednesday) @ 9:30 A.M.** Late bids shall not be accepted.

All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in the Instruction to Bidders and the Bid Data Sheet.

Bid opening shall be on **27 August 2025 (Wednesday) @ 10:00 A.M.** at the address indicated above. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.

The LRTA reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.

For further information, please refer to:

Atty.AYLWINSTON C. PILLOS
Head, BAC Secretariat
BAC Secretariat Office
LRTA Line 2 Depot, Marcos Highway, Santolan, Pasig City
Tel. Nos. 647-3484 to 86 loc. 29872
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You may visit the following websites:

https://www.lrta.gov.ph/
https://philgeps.gov.ph/

NICOLAS G. OMBAO
Chairperson, Bids and Awards Committee

Simultaneously posted @ PhilGEPS and LRTA websites, as well as in the LRTA Bulletin Board on 06 August 2025

REPUBLIC OF THE PHILIPPINES
Department Of TRansportation
LIGHT RAIL TRANSIT AUTHORITY

BIDDING DOCUMENTS

(Procurement of GOODS)

Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System

Under

PR No. RS2-2410-259 and ITB No. 2502-30-11

Posting Date : 06 August 2025

Sixth Edition
July 2020

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Glossary of Acronyms, Terms, and Abbreviations

ABC –Approved Budget for the Contract.

BAC – Bids and Awards Committee.

Bid – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*.(2016 revised IRR, Section 5[c])

Bidder – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

Bidding Documents – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

BIR – Bureau of Internal Revenue.

BSP – BangkoSentralngPilipinas.

Consulting Services – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

CDA - Cooperative Development Authority.

Contract – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

CIP – Carriage and Insurance Paid.

CPI – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means "delivered duty paid."

DTI – Department of Trade and Industry.

EXW – Ex works.

FCA – "Free Carrier" shipping point.

FOB – "Free on Board" shipping point.

Foreign-funded Procurement or Foreign-Assisted Project–Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

Framework Agreement – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

GFI – Government Financial Institution.

GOCC –Government-owned and/or –controlled corporation.

Goods – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

GOP – Government of the Philippines.

GPPB –Government Procurement Policy Board.

INCOTERMS – International Commercial Terms.

Infrastructure Projects – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

LGUs – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

PhilGEPS - Philippine Government Electronic Procurement System.

Procurement Project – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

PSA – Philippine Statistics Authority.

SEC – Securities and Exchange Commission.

SLCC – Single Largest Completed Contract.

Supplier – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

UN – United Nations.

Section I
Invitation to Bid

LIGHT RAIL TRANSIT AUTHORITY

BAGONG PILIPINAS

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Complete details of the Technical Specifications are in the Bidding Documents, and can be viewed on PhilGEPS and LRTA websites.

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LRTA now invites bids from Prospective/Interested Bidders with the following details:

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Note: **Prospective bidders have the option to post a Bid Securing Declaration which commits to pay the corresponding amount as fine and be suspended for a period of time from being qualified to participate in any government procurement activity in the event it violates any of the conditions stated therein as required in the guidelines issued by the GPPB.**

The contract period is within **Sixty (60) Calendar Days from receipt of Notice to Proceed (NTP).** Bidders should have completed, within fifteen (15) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

Bidding will be conducted through open competitive bidding procedure using a non-discretionary" pass*/fail"* criterion as specified in the 2016 Implementing Rules and Regulations (R-IRR) of Republic Act No. 9184.

Bidding is restricted to Filipino citizens / sole proprietorships, partnerships, corporations, cooperatives or joint ventures with at least sixty (60%) percent interest or outstanding capital stock belonging to citizens of the Philippines and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

Prospective Bidders may obtain further information from LRTA and inspect the Bidding Documents at the BAC Secretariat Office, LRTA Line 2 Depot, Marcos Highway, Santolan, Pasig City during office hours from 8:00 A.M. to 5:00 P.M.

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For further information, please refer to:

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Head, BAC Secretariat
BAC Secretariat Office
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Mobile No. 09555678381
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Facsimile No. 647-3484 to 86 loc. 29906/29

You may visit the following websites:

https://www.lrta.gov.ph/
https://philgeps.gov.ph/

NICOLAS G. OMBAO
Chairperson, Bids and Awards Committee

Section II
Instructions to Bidders

1. Scope of Bid

The Light Rail Transit Authority (LRTA) wishes to receive Bids for Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System Under PR No. RS2-2410-259 and ITB No. 2502-30-11

The Contract is composed of Various Items, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The Government of the Philippines (GOP) through the source of funding as indicated below for FY 2025 in the amount of **Forty-Five Million Nine Hundred Thousand (₱45,900,000.00) Pesos only**.

2.2. The source of funding is:

Government of the Philippines (GOP)

3. Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

5. Eligible Bidders

5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.

5.2. a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:

i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;

ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;

iii. When the Goods sought to be procured are not available from local suppliers; or

iv. When there is a need to prevent situations that defeat competition or restrain trade.

b. Foreign ownership limited to those allowed under the rules may participate in this Project.

5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:

The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that:

~~a. Subcontracting is allowed. The portions of Project and the maximum percentage allowed to be subcontracted are indicated in the **BDS**, which shall not exceed twenty percent (20%) of the contracted Goods.~~

b. ***Subcontracting is not allowed.***

~~7.2. The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.~~

~~7.3. The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.~~

~~7.4. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.~~

8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time and either at its physical address and/or through as indicated in the **IB and Clause 8 of the BDS.**

9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

10. Documents comprising the Bid: Eligibility and Technical Components

10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

10.2. The Bidder's SLCC as indicated in **ITB** Clause5.3 should have been completed within ***15 years*** prior to the deadline for the submission and receipt of bids.

10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

11. Documents comprising the Bid: Financial Component

11.1. The second bid envelope shall contain the financial documents for the Bid as specified in **Section VIII (Checklist of Technical and Financial Documents)**.

11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.

11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.

11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

11.5. Financial proposals for single or multi-year Framework Agreement shall be submitted before the deadline of submission of bids as prescribed in the **IB**. For multi-year Framework Agreement, evaluation of the financial proposal during this stage is for purposes of determining eligibility and whether or not such financial proposal is within the ABC.

12. Bid Prices

12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:

a. For Goods offered from within the Procuring Entity's country:

i. The price of the Goods quoted EXW (ex-works, ex-factory, ex-warehouse, ex-showroom, or off-the-shelf, as applicable);

ii. The cost of all customs duties and sales and other taxes already paid or payable;

iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and

iv. The price of other (incidental) services, if any, listed in the **BDS.**

b. For Goods offered from abroad:

i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.

ii. The price of other (incidental) services, if any, as listed in **Section VII (Technical Specifications).**

12.2. For Framework Agreement, the following should also apply in addition to Clause 12.1:

a. For a single year Framework Agreement, the prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.

b. For a multi-year Framework Agreement, the prices quoted by the Bidder during submission of eligibility documents shall be the ceiling and the price quoted during mini-competition must not exceed the initial price offer. The price quoted during call for mini-competition shall be fixed during the Bidder's performance of that Call-off and not subject to variation or escalation on any account. Price schedules required under Clause 12.1 shall be submitted with the bidding documents.

13. Bid and Payment Currencies

13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.

13.2. Payment of the contract price shall be made in:

a. Philippine Pesos.

~~b. *[indicate currency if procurement involves a foreign-denominated bid as allowed by the Procuring Entity, which shall be tradable or acceptable by the BSP].*~~

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.

14.2. The Bid and bid security shall be valid until ***120 calendar days from the date of opening of bids.*** Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

14.3. In the case of Framework Agreement, other than the grounds for forfeiture under the 2016 revised IRR, the bid security may also be forfeited if the successful bidder fails to sign the Framework Agreement, or fails to furnish the performance security or performance securing declaration. Without prejudice on its forfeiture, bid securities shall be returned only after the posting of performance security or performance securing declaration, as the case may be, by the winning Bidder or compliant Bidders and the signing of the Framework Agreement.

15. Sealing and Marking of Bids

Each Bidder shall submit one copy of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

16. Deadline for Submission of Bids

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in the **IB and Clause 16.1 of BDS.**

16.2. For multi-year Framework Agreement, the submission of bids shall be for the initial evaluation of their technical and financial eligibility. Thereafter, those declared eligible during the said initial eligibility evaluation and entered into a Framework Agreement with the Procuring Entity shall submit anew their best financial offer at the address and on or before the date and time indicated in the Call for each mini-competition.

17. Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

18. Domestic Preference

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

18.2. For multi-year Framework Agreement, determination of margin of preference shall be conducted every call for Mini-Competition.

19. Detailed Evaluation and Comparison of Bids

19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.

a. In the case of single-year Framework Agreement, the Lowest Calculated Bid shall be determined outright after the detailed evaluation;

b. For multi-year Framework Agreement, the determination of the eligibility and the compliance of bidders with the technical and financial aspects of the projects shall be initially made by the BAC, in accordance with Item 7.4.2 of the Guidelines on the Use of Framework Agreement.

19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.

19.3. The descriptions of the lots or items shall be indicated in **Section VII (Technical Specifications)**, although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.

19.4. The Project shall be awarded as follows:

Option 1 – One Project having several items that shall be awarded as one contract.

~~Option 2 – One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.~~

~~Option 3 – One Project having several items, which shall be awarded as separate contracts per item.~~

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

20. Post-Qualification

20.1. For multi-year Framework Agreement, all bidders initially determined to be eligible and financially compliant shall be subject to initial post-qualification. The BAC shall then recommend the execution of a Framework Agreement among all eligible, technically and financially compliant bidders and the Procuring Entity and shall be issued by HoPE a Notice to Execute Framework Agreement. The determination of the Lowest Calculated Bid (LCB) shall not be performed by the BAC until a Mini-Competition is conducted among the bidders who executed a Framework Agreement. When a Call for Mini-Competition is made, the BAC shall allow the bidders to submit their best financial proposals on such pre-scheduled date, time and place to determine the bidder with the LCB.

20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, or in the case of multi-year Framework Agreement, that it is one of the eligible bidders who have submitted bids that are found to be technically and financially compliant,}the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**. For every mini-competition in Framework Agreement, the LCB shall likewise submit the required documents for final Post Qualification.}

21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

21.2. At the same time as the Procuring Entity notifies the successful Bidder that its bid has been accepted, the Procuring Entity shall send the Framework Agreement Form to the Bidder, which contract has been provided in the Bidding Documents, incorporating therein all agreements between the parties.

21.3. Within ten (10) calendar days from receipt of the Notice to Execute Framework Agreement with the Procuring Entity, the successful Bidder or its duly authorized representative shall formally enter into a Framework

Agreement with the procuring entity for an amount of One Peso to be paid to the procuring entity as a consideration for the option granted by the procuring entity to procure the items in the Framework Agreement List when the need arises.

21.4. The Procuring Entity shall enter into a Framework Agreement with the successful Bidder within the same ten (10) calendar day period provided that all the documentary requirements are complied with.

21.5. The following documents shall form part of the Framework Agreement:

a. Framework Agreement Form;
b. Bidding Documents;
c. Call-offs;
d. Winning bidder's bid, including the Technical and Financial Proposals, and all other documents/statements submitted (*e.g.,* bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
e. Performance Security or Performance Securing Declaration, as the case may be;
f. Notice to Execute Framework Agreement; and
g. Other contract documents that may be required by existing laws and/or specified in the **BDS**.

Section III
Bid Data Sheet

Bid Data Sheet

<table>
<tr><th>ITB Clause</th><th></th></tr>
<tr><td>5.3</td><td>For this purpose, contracts similar to the Project shall be:

a. Any contract/s on the Supply and Delivery of manufactured, produced, fabricated, repair, rebuilt or restored equipment/assembly/component/parts for any of the following: Rolling Stocks System; Signaling System; and Telecoms System; .

b. The Bidder must have completed, within the last fifteen (15) 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.</td></tr>
<tr><td>7.1 (b)</td><td><u>Sub-contracting is NOT ALLOWED</u></td></tr>
<tr><td>12</td><td>Refer to Section V & Section VII – Special Conditions of Contract on Incidental Services & Technical Specifications.

The bid/price quote shall be delivered duty paid (DDP) with destination: Light Rail Transit Authority (LRTA), Line 2 Depot, Marcos Highway, Santolan, Pasig City.</td></tr>
<tr><td>14.1</td><td>The bid security shall be in the form of a Bid Securing Declaration or any of the following forms and amounts:
<table>
<tr><th rowspan="2">Description</th><th colspan="2">Bid Security</th></tr>
<tr><td>Cash/CC-MCBank draft/ guarantee or ILC (2%)</td><td>Surety bond (5%)</td></tr>
<tr><td>Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System</td><td>₱918,000.00</td><td>₱2,295,000.00</td></tr>
</table>
For Surety Bond, the ORIGINAL RECEIPT (O.R) which corresponds to the payment of premium as well as a copy of a Certification duly signed by the insurance Commission authorizing such surety or insurance company to issue such security must be attached and submitted.</td></tr>
<tr><td>15</td><td>In addition to the one (1) set original, Each Bidder is requested to submit additional one (1) set 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>16.1</td><td>In case the deadline for submission of bids fall on a non-working day duly declared by the president, governor or city/municipal mayor or other government official authorized to make such decision, the deadline shall be the next working day.</td></tr>
</table>

<table>
<tr><td>19.3</td><td>
<table>
<tr><th></th><th>Description</th><th>Approved Budget for the Contract (ABC)</th></tr>
<tr><td></td><td>Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System</td><td>₱45,900,000.00</td></tr>
<tr><td>Note:</td><td>Note: Bidders must indicate in the Price Schedule (Form No. 6 and/or 6A) the Price of Item/s.

Significantly, only bids that are within the ABC, regardless if the price offered for other items in the lot exceeds their respective ABC per item, may be considered for award if proven to be the lowest calculated and responsive bid among all other bids, in the case where several items are grouped into one lot and awarded as one contract.</td><td></td></tr>
</table>
</td></tr>
<tr><td>19.4</td><td>The Project shall be awarded as One Project having several items that shall be awarded as one contract.</td></tr>
<tr><td>20.2</td><td>For further instruction upon issuance of Notice of Post-Qualification.</td></tr>
<tr><td>21.1</td><td>No further instruction.</td></tr>
<tr><td>21.2</td><td>Not applicable.</td></tr>
</table>

Section IV
General Conditions of Contract

1. Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract** (**SCC).**

2. Advance Payment and Terms of Payment

2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.

2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

2.3. For a single-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier in its bid.

2.4. For multi-year Framework Agreement, prices charged by the Supplier for Goods delivered and/or services performed under a Call-Off shall not vary from the prices quoted by the Supplier during conduct of Mini-Competition.

3. Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184. *In the case o*f Framework Agreement, the Bidder may opt to furnish the performance security or a Performance Securing Declaration as defined under the Guidelines on the Use of Framework Agreement.*}*

4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project or Framework Agreement*}* specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV (Technical Specifications)** shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

5. Warranty

5.1 In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.

5.2 The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

Section V
Special Conditions of Contract

Special Conditions of Contract

GCC Clause	
1	**Delivery and Documents –** For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows: *For Goods supplied from abroad:* "The delivery terms applicable to the Contract are DDP delivered Light Rail Transit Authority (LRTA), Line 2 Depot, Marcos Highway, Santolan, Pasig City. In accordance with INCOTERMS." *For Goods supplied from abroad:* Upon shipment, the Supplier shall notify the Procuring Entity and the insurance company by cable the full details of the shipment, including Contract Number, description of the Goods, quantity, vessel, bill of lading number and date, port of loading, date of shipment, port of discharge etc. Upon delivery to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents as applicable with the documentary requirements of any letter of credit issued taking precedence: a) Original and four copies of the Supplier's invoice showing Good's description, quantity, unit price, and total amount; b) Original and four copies of the negotiable, clean shipped on board bill lading marked "freight pre-paid" and five copies of the non – negotiable bill of lading; c) Original Supplier's factory inspection report; d) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate; e) Original and four copies of the certificate of origin (for imported Goods); f) Delivery receipt detailing number and description of items received signed by the Procuring Entity's representative at the Project Site; g) Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site; and h) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site; *For Goods supplied from within the Philippines:* "The delivery terms applicable to this Contract are delivered Light Rail Transit Authority (LRTA), Line 2 Depot, Marcos Highway, Santolan, Pasig City. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination." *For Goods supplied from within the Philippines:*

Upon delivery of the Goods to the Project Site, the Supplier shall notify the Procuring Entity and present the following documents to the Procuring Entity:

a) Original and four copies of the Supplier's invoice showing Good's description, quantity, unit price, and total amount;
b) Original and four copies delivery receipt/note, railway receipt, or truck receipt;
c) Original Supplier's factory inspection report;
d) Original and four copies of the Manufacturer's and/or Supplier's warranty certificate;
e) Original and four copies of the certificate of origin (for imported Goods);
f) Delivery receipt detailing number and description of items received signed by the authorized receiving personnel;
g) Certificate of Acceptance/Inspection Report signed by the Procuring Entity's representative at the Project Site; and
h) Four copies of the Invoice Receipt for Property signed by the Procuring Entity's representative at the Project Site.

Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).

For purposes of this Clause the Procuring Entity's Representative at the Project Site is *Light Rail Transit Authority (LRTA), Line 2 Depot, Marcos Highway, Santolan, Pasig City.*

Incidental Services –

The Supplier is required to provide all of the following services, including additional services, if applicable as required in Section VII Technical Specifications and/or as pertinent and due to and based on the nature and character of the goods subject of the procurement:

a. Cost of photocopying of Contract and Implementation Documents in such number of sets required by LRTA; and,
b. Cost of notarization of contract and implementation documents.

The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other parties by the Supplier for similar services.

Packaging –

The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the

Goods' final destination and the absence of heavy handling facilities at all points in transit.

The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.

The outer packaging must be clearly marked on at least four (4) sides as follows:
Name of the Procuring Entity
Name of the Supplier
Contract Description
Final Destination
Gross weight
Any special lifting instructions
Any special handling instructions
Any relevant HAZCHEM classifications

A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.

Transportation –

Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.

Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine consulate to the port of dispatch. In the event that carriers of Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.

The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of

	Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.
	Intellectual Property Rights – The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
2.2	***Full payment or partial payment corresponding to the value of the goods delivered and accepted may be made within Thirty (30) calendar days upon final acceptance of goods and submission of complete documents required by existing accounting and auditing rules of the government specifically, among others, COA CIRCULAR No. 2012-001.***
4	The inspections and tests that will be conducted are: ***Refer to Annex "C" (Testing Procedures) of Section VII - Technical Specifications (if applicable)***

Section VI
Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
	Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System	**One (1) lot**	**One (1) lot**	**Sixty (60) Calendar Days from receipt of Notice to Proceed (NTP)**

Section VII
Technical Specifications

Technical Specifications

[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution.]

Description	**Statement of Compliance** (State whether "**Comply**" or "**Not Comply**") must be supported by evidence in a Bidders Bid and cross-referenced to that evidence
REPAIR OF TRAIN ON-BOARD SIGNALING SYSTEM	
BACKGROUND The LRT Line 2 System is fitted with an Automatic Train Operation (ATO) and Automatic Train Protection (ATP) signaling system. However, according to the Invensys Dimetronics Signals Maintenance Manual, Volume II, page 27, Clause 5.3, "The life expectancy of Westrace equipment is approximately twenty (20) years, and it will ultimately become unreliable. It must be replaced when life expired and not kept in service with degraded reliability." Although the LRT Line 2 signaling system was designed with the highest safety integrity level (SIL) as a fail-safe system, the manual's statement regarding degraded service reliability applies not only to the signaling interlocking but also to the entire fleet both wayside and onboard equipment, which are integral to the signaling system hierarchy. LRT Line 2 System began revenue operations on April 2003 and is now in its twenty-one (21) years of service. On March 25, 2021, Siemens Mobility Infrastructure in Madrid issued a notice informing that the existing onboard signaling cabinets for LRT Line 2 System have limited functionality due to the impending obsolescence of critical components and are currently in a phase of discontinuation. The project "Repair of Train On-Board Signaling System" aims to immediately restore the reliability and functionality of three (3) degraded onboard signaling cabinets back to their original designed capability.	
1. SCOPE OF WORK The project shall consist of the following scope of works; but not limited to: 1.1 The supply of labor, materials, parts/components needed for the repair of three (3) ATC onboard signaling cabinets shall be the responsibility of the Contractor. 1.2 Prior to repair works, the Contractor shall conduct Quality Inspection for both physical and functional condition in	

order to assess the repairability of overstaying units and units with complex failures or undocumented defects upon acceptance of the units to be repaired. 1.2.1 Inspection and evaluation of all modules in the ATC cabinet. 1.2.2 Printed Circuit Board/Main Boards level gross inspection to identify possible failing components. 1.3 Identification of End of Life (EOL) components. 1.3.1 Identification and recommendation for alternatives to replace EOL components. 1.4 Each repaired ATC onboard signaling cabinet shall undergo relevant testing prior to final acceptance. Among the tests that shall be performed are the following: 1.4.1 Low-speed functionality test of Trainset with newly repaired ATC onboard signaling cabinet at Depot Area. 1.4.2 High-speed functionality test of Trainset with newly repaired ATC onboard signaling cabinet at the Revenue Line without passengers for two (2) loops. 1.4.3 High-speed functionality test with newly repaired ATC onboard signaling cabinet at the Revenue Line with passengers for two (2) loops. 1.5 The description of scopes of work for each ATC onboard signaling Cabinets and other incidental services required are included in this project. 1.6 Any items, activity, material, and equipment necessary for the proper implementation of the works contemplated, which is not specified or described herein, shall be deemed part of the repair works and shall be complied without additional cost. 1.7 The supplier shall conduct on-site local training for six (6) LRTA and Maintenance personnel.	
2. PERSONNEL REQUIREMENTS The Contractor shall provide the following Key Personnel: 2.1 Technical Services Operations Engineer The Qualification Standard of the Technical Services Operations Engineer: 2.1.1 Licensed Electronics Engineer; 2.1.2 With at least ten (10) years experience in Electronics Industry. 2.2 Hardware Engineer The Qualification Standard of the Hardware Engineer: 2.2.1 Licensed Electronics Engineer; 2.2.2 With at least five (5) years experience in Electronics Industry. 2.3 PCB Layout Design Engineer The Qualification Standard of the PCB Layout Design Engineer: 2.3.1 Licensed Electronics Engineer; 2.3.2 With at least five (5) years experience in Electronics Industry.	

2.4 Technical Services Operations Technician

The Qualification Standard of the Technical Services Operations Technician:

2.4.1 Graduate of at least vocational course in Electronics;

2.4.2 With at least five (5) years experience in Electronics Industry.

3. WORK PLAN

The Contractor shall provide the following Work Plan but not limited to:

3.1. Work Methodology Plan:

3.1.1. See Annex A for Automatic Train Control (ATC) Cabinet Repair, Rebuilt and Re-engineering Procedure.

3.2 Safety and Security Plan

A narrative plan which demonstrates clearly the policies, procedures and guidelines for the effective and efficient achievement of safety and security practices in the performance of the project. The Safety and Security Plan include the safety procedure, regulations and implementation guidelines and policy for ensuring safety and security including the preventive actions.

3.3 Communication Plan

A narrative plan which facilitate the effective and efficient communications between the LRTA and the Contractor, and other offices / agencies or individual having a major stake in the project. The Communication Plan describes how project communications will occur. A good communication forestalls surprises, prevents duplication of effort, and can help to reveal omissions and misallocation of resources early enough to permit corrections

4. SAFETY AND SECURITY REQUIREMENTS

4.1. Contractor must comply with all Safety and Security procedure and policy from LRTA Safety and Security Office.

4.2. Before the start of the implementation of the Contract, all personnel of the Contractor must attend Security and Safety Orientation to be conducted by LRTA Security and Safety Officers.

5. TECHNICAL SPECIFICATIONS

5.1. All modules and sub-parts of the ATC signaling cabinet must function properly in order for the whole cabinet to be fully operational.

ATC Signaling Cabinet No.1, No. 2, and No.3
consisting of the following modules and subparts:

Automatic Train Control Cabinet	
Components:	**Quantity:**
ATO Cards:	

	Processor Module (MPM) ATO	3		
	TBS PBA SLM ATO	3		
	TBS PBA SIOM ATO	3		
	Discrete Input/Output Module ATO (DIOM)	3		
	Loop Module ATO (LMM)	3		
	PBA MIST ATO card	3		
	TBS Low Power Relay Module MRBP (ATO)	9		
	TBS RELAY CARD BP 110V (ATO)	3		
	MIC CARD (ATO)	3		
	ATP Cards:			
	Processor Module (MPM) ATP	6		
	Speed Module (SLM)	6		
	TBS PBA TCM ATP	6		
	Serial Input/Output Module (SIOM)	6		
	Discrete Input/Output Module (DIOM)	6		
	Interface ATP/TBS (MIC)	6		
	Input/Output Interface Card ATP (MIES)	6		
	Sub-components:			
	Power Supply Module 110 V cd (PSU)	9		
	J1 Backplane ATP/ATO-TBS	3		
	J2 Backplane ATP-TBS	6		
	J2 Backplane ATO-TBS	3		
	QN10 110 Vcc 6F/2B	6		
	QNN10 110Vcc 4F/4B	3		
	QNC10 110Vcc 8F/8B	3		
	RF4-SY-DI 110 Vcc Relay (Arteche)	18		
	Relay Base s-411 1 pole	3		

Timer relay desc.+adj,spring	3
Ventilation Unit, cod for ATP/ATO	3
Thermostat C/Contact	3
Timer 0.1/3 S LA2-DTO P/contact CA-2	3
TBS PBA Backplane RBP	9
Converter 100-24 volts	3
PBA Backplane VME (ATP)	6

Reverse Engineering and Manufacture of the following cards (modules).

ATC ATO CARDS	QTY
Loop Module ATO (LMM)	1
PBA MIST ATO card	1
TBS Low Power Relay Module MRBP (ATO)	6
TBS RELAY CARD BP 110V (ATO)	2
ATC ATP CARDS	QTY
Processor Module (MPM) ATP	3
TBS PBA TCM ATP	2
Serial Input/output Module (SIOM)	1
Interface ATP/TBS (MIC)	1
Input/Output Interface Card ATP (MIES)	4
Sub-components:	QTY
J2 Backplane ATP-TBS	2
QN10 110 Vcc 6F/2B	2
QNN10 110Vcc 4F/4B	1
QNC10 110Vcc 8F/8B	1
RF4-SY-DI 110 Vcc Relay (Arteche)	6
Relay Base s-411 1 pole	1
Timer relay desc.+adj,spring	1
PBA Backplane VME (ATP)	1

AUTOMATIC TRAIN CONTROL CABINET

Incidental Services and Capability Requirements:

a. **Shall submit detailed methodology for the repair of the cards (modules) and sub parts included in the cabinet.**
b. **Shall conduct quality Inspection for both physical**

and functional condition of the cards (modules) and sub parts in the whole ATC cabinet. **i. Inspection and evaluation of all components.** **ii. Board level functional test and component debugging and analysis.** **iii. Replacement of non-functional and derated (less than 50% lifespan) components.** **iv. Re-coating of PCB to cover exposed traces and conductors, if any.** **c. End of Life (EOL) components** **i. Replace obsolete (EOL) components with exact or equivalent alternatives** **d. Reverse Engineering and Manufacturing of Cards.** **i. Pin mapping.** **ii. Pin to pin checking.** **iii. Electronic Schematic Diagram Modeling and Capture using any of the following CAD software: Cadence Allegro / NI Multism / LTSpice.** **e. PCB Engineering and Design** **i. Components replacements as close as possible to the original reference PCBA** **ii. Trace (connections) layout and design; as close as possible to the original reference PCBA.** **iii. Above works to be accomplished in any of the following CAD Software: Cadence Allegro / NI Multism / LTSpice.** **iv. Bidder/Service Provider must have a licensed Cadence Allegro for PCB layout design software.** **f. PCB Fabrication and Assembly (Build/Manufacturing)** **i. Component sourcing** **ii. PCB fabrication based on approved PCB design** **iii. PCB assembly and test.** **g. Mechanical Refurbishment** **v. Clean, repair and repaint the cabinet.** **vi. Clean, repair and refurbish all mechanical parts including frames, railings, brackets, covers. Etc.** **h. Test and Functionality** **vii. Offline testing of ATC cards for power and functionality as applicable.** **viii. Test and Acceptance of the ATC 1 cabinet and all of each cards (modules) thru a mutually-agreed upon procedure between LRTA and Contractor.** **ix. Installation and train set energization** **x. Test results** **i. Quality Assurance and Standards** **xi. Submit Certificate of Compliance as per above Scope of Work (upon delivery).** **xii. Ensure that the whole ATC cabinet is cleaned thoroughly.** **xiii. Proper harnessing of wires and cables as per agreed-upon standards.** **j. Workmanship Standards must be as per relevant IPC Standards as follows:**	

xiv. **IPC 7711/7721 For PCBA Repair**
xv. **IPC-J-STD 001 For PCB Assembly**
xvi. **IPC 610 For PCBA Inspection**
xvii. **Bidder must show proof of ISO 9001-2015 Certification for PCB Design, Assembly and Repair**

6. PROJECT PERIOD

6.1. The Contractor agrees and obligates itself to perform and complete all the works provided under the Contract and Contract Documents within **60 Calendar Days** from receipt of Notice to Proceed (NTP).

7. PAYMENT

7.1. PAYMENT SCHEDULE

7.1.1 Payment for accomplished works under the project shall be based on the listed project Milestones and its corresponding indicated cost.

Item no.	Description	Requirements	Percentage
1	Repair of ATC Cabinet No.1 including Testing and Commissioning	• Notice to Proceed • Pre-Inspection Delivery Report • Delivery Inspection and Delivery Acceptance Report • Design of Repaired ATC Cabinet No. 1 • Accomplishment Reports • Inspection Report • Duly Aprroved Test Results • Acceptance Results	30%
2	Repair of ATC Cabinet No.2 including Testing and Commissioning	• Pre-Inspection Delivery Report • Delivery Inspection and Delivery Acceptance Report • Design of Repaired ATC Cabinet No. 2 • Accomplishment Reports • Inspection Report • Duly Aprroved	30%

			Test Results • **Acceptance Results**		
Note: This payment schedule shall prevail over Clause 11 of the General Conditions of Contract	**3**	**Repair of ATC Cabinet No.3 including Testing and Commissioning**	• **Pre-Inspection Delivery Report** • **Delivery Inspection and Delivery Acceptance Report** • **Design of Repaired ATC Cabinet No. 3** • **Accomplishment Reports** • **Inspection Report** • **Duly Aprroved Test Results** **Acceptance Results**	**40%**	

8. DEFECTS LIABILITY/WARRANTY PERIOD

8.1. The Contractor shall be responsible for any defect or failure of the newly repaired modules or workmanship thereof for the whole two (2) years Defects Liability and Warranty Period.

8.2. Defects Liability/Warranty period shall start from the date of final acceptance.

9. OTHER TERMS AND CONDITIONS
(Please see Annex B)

Note: Upon award of the contract, the Contractor shall submit a Notarized Undertaking.
(Please refer to Annex "D")

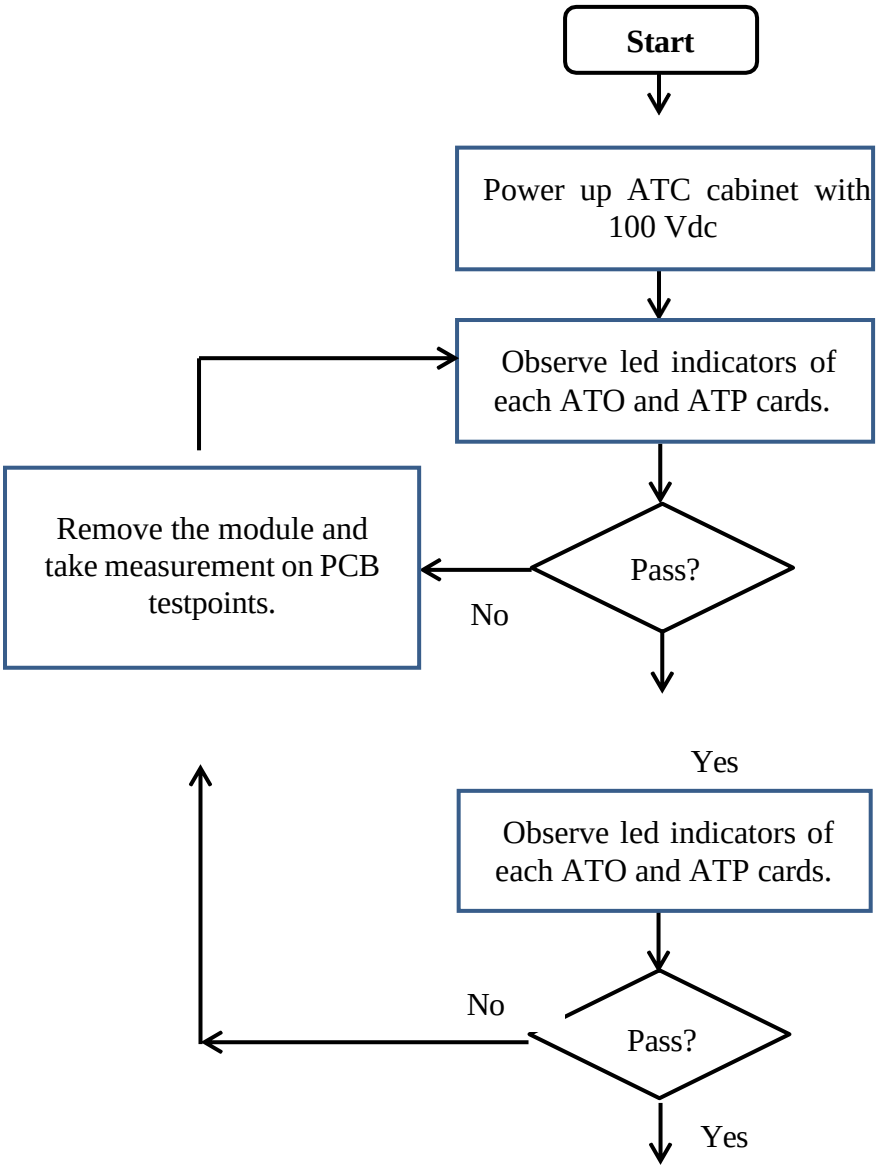
Aside from the conformity with the **Schedule of Requirements** and **Technical Specifications**, enumerated and specified in **Sections VI** and **VII**, respectively, of the Bidding Documents, bidders must also submit the following additional duly signed Technical Documents that must be included in the first envelope, to wit:

1. Warranty Package (Minimum of two (2) year upon acceptance);

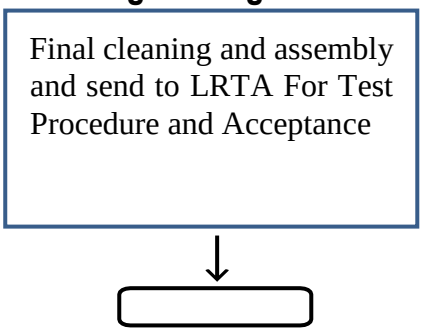
Annex A:

Automatic Train Control (ATC) Cabinet Repair, Rebuilt and Re-engineering Procedure

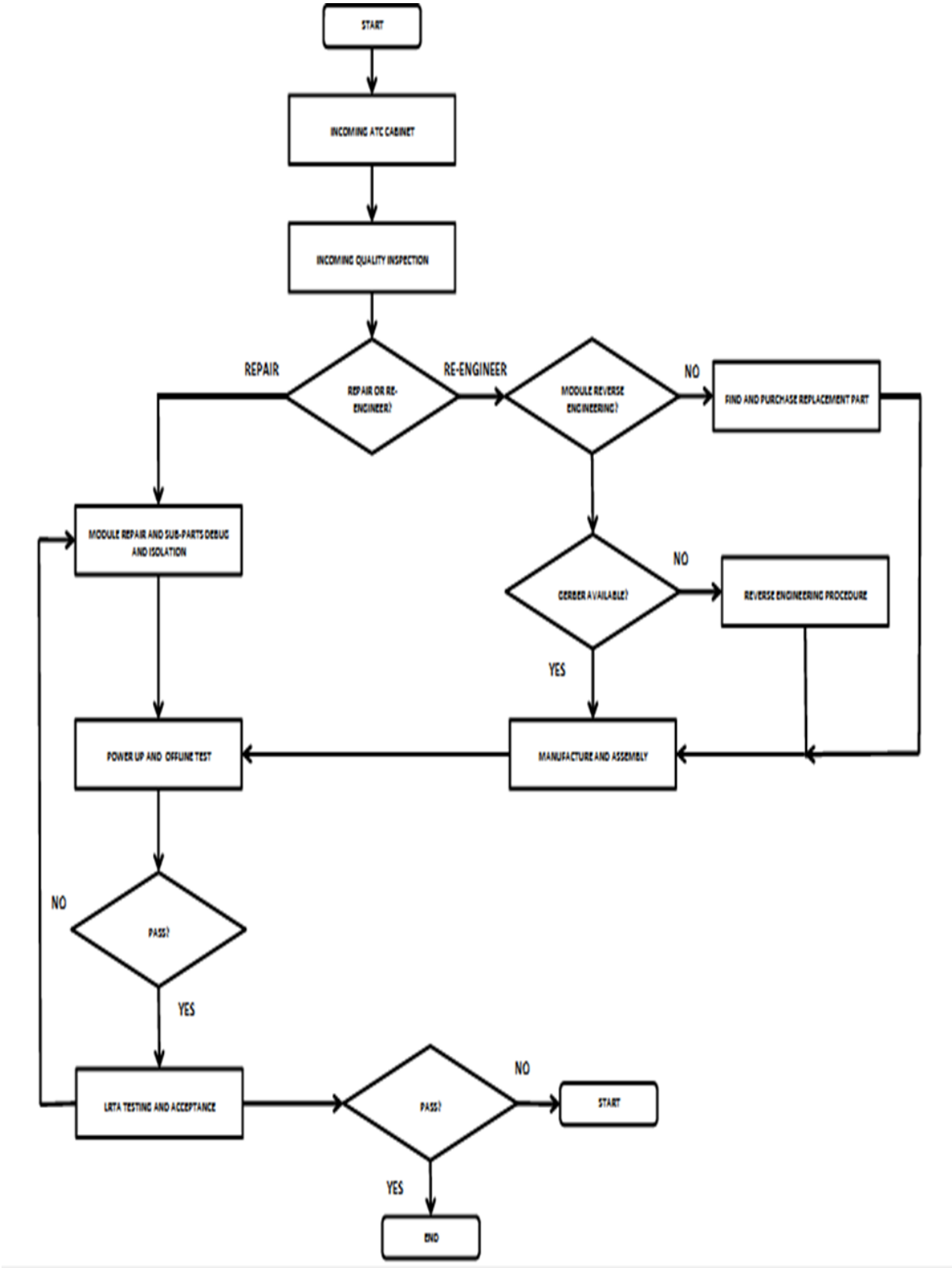
1.1 ATC Cabinet Repair



1.2 Rebuild and Re- Engineering:



End



2.0 DETAILS

2.1 Incoming and Outgoing Check Items

2.1.1 Information *(Issuance of Job Order Tag).*

2.1.1.1 Job Order Number
2.1.1.2 Serial Number
2.1.1.3 Manufacturer Part Number
2.1.1.4 Status *(Normal, DOA, Warranty)*
2.1.1.5 Log data into the database.

2.1.2 Casing
2.1.2.1 Check for dents, scratches, dirt, screws.

2.1.3 Terminals
2.1.3.1 Check DC input terminals *(screws and loose thread/tab).*
2.1.3.2 Check Input and output control connector.

2.1.4 Record the information's to database.
2.1.5 Capture images of internal and external parts of the unit before proceeding to troubleshooting and repair and after FQI.

2.2 Reverse Engineering
2.2.1 Pin to pin checking
2.2.2 BOM generation
2.2.3 Design layout
2.2.4 Manufacturing
2.2.5 Component Sourcing
2.2.6 Assembly

2.3 New Board Assembly
2.3.1 Request materials needed from kitting personnel.
2.3.2 Assemble the board in reference with its schematic and BOM.
2.3.3 Record data into the database

2.4 Debugging Guidelines
2.4.1 Units requiring complex debug shall be assessed for reparability by the technical services operation engineer.
2.4.2 Irreparable units shall be sent back to the customer with the corresponding evaluation report. Otherwise, proceed to initial test.

2.5 Initial power up and test
2.5.1 Power up the unit to find and confirm faults and failures as reported by customer.

2.6 Diagnostic Test Procedure
2.6.1 Diagnostic test shall be executed to check that the unit's functionality is achieved and outputs are correct with respect to unit's requirement.
2.7 Final Test Procedure
2.7.1 Final testing will be done onsite in accordance to Customer procedure.
2.7.2 Customer Acceptance procedure.

ANNEX B

TERMS OF REFERENCE
Project Name: REPAIR OF TRAIN ON-BOARD SIGNALING SYSTEM

1. RESPONSIBILITIES OF THE CONTRACTOR

1.1 Satisfactorily render, perform, deliver, finish and complete all of the works stipulated under Clause 1 Project Scope of Work and its sub-clauses of the TOR.

1.2 Procure all imported spare parts or materials, if there is a need for such, and include the lead time for their ordering, delivery and receipt, and reasonably maintain substantial inventory of needed materials and spare parts in its own warehouse. Tariffs, duties, taxes, and all other payments to be made for the delivery of all spare parts or materials shall be to the full account of the Contractor.

1.3 Provide for itself storage compartments and facilities for its tools, equipment, and materials necessary for the project. Such storage compartments and facilities as well as the tools, equipment, and materials prior to their entry to the premises of the LRTA Line 2 Systems, should be duly covered by an approved entry pass and the same must be presented during withdrawal/s in the presence of authorized LRTA personnel.

1.4 Strictly adhere to the Work Program, Schedule and Work Methodology it has submitted and approved, and accepted by LRTA for the timely completion of the project as well other related documents.

1.5 Ensure at all times that any work activity work will not in any manner cause any form of delay in the day-to-day operation of the LRTA Line 2 System.

1.6 Notify LRTA in writing of any incident/accident occurring during the performance and delivery of the contract soonest time possible but should not be later than twenty four hours (24 hrs.) from occurrence of said accident/incident.

1.7 Assume full responsibility of the conduct of all its employees during the execution of the contract. Safety of its workers, LRTA employees and all other individuals within the designated workplace should always be part of the prime concern of the Contractor.

1.8 Ensure that while performing the services, the behavior of all its employees shall conform to generally accepted standards and act in a manner consistent with the physical safety of all persons in LRTA premises. LRTA reserves the right to remove from or to refuse admittance to its premises any person engaged in performing the services who, in the judgment of concerned LRTA personnel/staff is affected by alcohol, drugs or any intoxicating substance or banned by Philippine law, or who for any other reason be deemed incapable of reliably carrying out the prescribed duties and responsibilities.

1.9 Immediately stop/cease/abort any work in progress and/or clear the work area/s concerned if needed and upon receipt of a written order from LRTA.

1.10 Shoulder the notarial fee for the Contract.

1.11 Provide the needed and required manpower to satisfactorily finish the subject contract, taking in for consideration the following concerns:

1.11.1 ensure that all personnel are adequately trained for their respective individual jobs/assignments/duties;

1.11.2 ensure that each personnel is at all times free from any communicable diseases, and is physically and mentally fit for each job assignment/duty;

1.12 The Contractor shall, as soon as practicable prior to the commencement of the services, submit to LRTA the names of its nominated personnel, designation, and home address, for the proper issuance of an approved duty/access pass. LRTA reserves the right to refuse entry to any personnel of the Contractor whose name does not appear in the approved rooster or listing of personnel with duly issued duty/access pass.

1.13 Apply for needed work clearance/s from LRTA forty eight (48) hours before the commencement of work.

1.14 Twenty four (24) hours prior to any approved night work schedule, the Contractor should formally notify LRTA in writing of such schedule and attach the duly approved work clearance for immediate reference and allocation of the needed personnel by LRTA.

1.15 Provide all the necessary and mandated bonds such as but not limited to, performance, warranty and third party bonds within the specified period. Warranty for the work done and materials/spare parts delivered and installed must be free from any form of defect **Two (2) years** from their installation and commissioning.

1.16 Immediately replace free of labor and material/s charge/s and cost/s any identified defective materials/spare parts delivered and installed by them.

1.17 The Contractor shall formally notify LRTA of its intent to submit conceptual design/s or spare parts or any material/s due for installation/use on the subject contract for purposes of technical analysis, testing, and acceptance.

1.18 All the required measuring and testing equipment and devices for the conduct of acceptance procedure/s shall be for the full account of the Contractor.

1.19 The Contractor shall warrant that it has all the necessary permits and clearances from concerned government agency/ies for the execution of the works subject of the Contract.

1.20 For security purposes, each employee of the Contractor shall have a valid NBI Clearance prior to and during his employment under the Contract.

1.21 In the event that the contractor fails to complete the works within the specified duration, the Contractor shall pay LRTA by way of liquidated damages as defined in Clause 4 of the TOR. The liquidated damages shall be imposed by the sole fact of delay, and it is not necessary that LRTA suffered loss of production, profits, business opportunity or any other indirect or consequential damages by reason of the said delay.

2. RESPONSIBILITIES AND RIGHT OF THE LRTA

2.1 Pay the Contractor the cost of works duly accepted and covered with the necessary documentation within the prescribed period.

2.2 Attend to the needs of the Contractor upon presentation of a formal notice.

2.3 Monitor the over-all performance of the Contractor for the whole duration of the contract.

2.4 The LRTA has the right to reject any or all bids and/or to declare a failure or bidding if there is, among others, reason to suspect an evident collusion among Contractors resulting in no competition;and to waive any defect therein and to accept bids considered most advantageous to the LRTA and the Philippine Government in general.

3. QUALITY CONTROL REQUIREMENTS AND CRITERIA FOR ACCEPTANCE

3.1 All works/jobs done shall fullyconform to all approved and issued bid and contract documents [instructions to bidders, specifications, terms of reference, plans, repair/rehabilitation methodology, submittals, quality workmanship, punch list/balance of works, and all other documents issued and received by the Contractor].

3.2 All materials but which shall not be limited to its conceptual design/s and spare parts shall be subject for submission for purposes of inspection, testing and acceptance by the LRTA.

3.3 All measuring and test devices and equipment shall be duly covered by a valid certificate of calibration from concerned regulatory agency/ies.

3.4 The Contractor shall submit:

3.4.1 Certified True Copy of the Notice of Award/Notice to Proceed

3.4.2 Bar Chart Schedule and S-Curve showing among others the comparison of planned vs. actual done activities.

3.4.3 Project pictorials on weekly intervals upon receipt of the Notice to Proceed with caption including negatives in any form of electronic media, i.e. cd's, dvd's, USB's.

3.4.4 Test Reports and Certificates

3.4.5 As-built drawings (1 set original, 1 set white print, each in hard and electronic copy) if applicable.

3.4.6 Copies of approved changes in design/specification/contract documents (if applicable).

4. GENERAL TERMS AND CONDITIONS

4.1 LRTA may at any time terminate the Contract forthwith if, in the reasonable opinion of LRTA, the Contractor is in breach of any provision of the Contract and fails to remedy the breach within **seven (7) days** after written notice from LRTA. The termination of the Contract shall not affect the right and remedies of either party against the other for any previous breach of Contract.

4.2 The Contractor is to understand that any work not specifically mentioned in the specifications, TOR, and all other bid and contract related documents officially issued or submitted during the contract period and its extension as the case may so apply, but which is necessary, either directly or indirectly, for the proper carrying out of the intent thereof, shall be required and supplied, and Contractor shall perform such work just as if it was particularly defined, described or required. Proper documentation for such occurrence should be on the initiative of the Contractor and will be for the evaluation, approval, acceptance, and payment of LRTA subject to existing guidelines, laws, and standards. Unless specifically mentioned above, all works shall conform to the standards of the LRTA system.

4.3 All and every acts, activities and behaviors, in the execution of the contract, shall in no way contravene any existing law, rules, regulations, and government and LRTA policies.

4.4 There shall be no assignment whatsoever of any or all parts of the contract to a third party without prior written consent of LRTA.

4.5 LRTA shall not bind itself in any manner to any agreement for the exclusion of certain competitions of the Contractor.

4.6 The Contractor must exercise all due diligence in carrying out its obligations under contract.

4.7 The Contractor is an independent Contractor of LRTA and that no employer and employee relationship is created between LRTA on one hand and the Contractor or its employees or other persons engaged in performing the services on the other hand.

4.8 The Contractor shall hold LRTA free and harmless from any and all fines, penalties, losses, liabilities and litigation expenses incurred or suffered on account of death, injury, loss or damage to persons and properties arising from the execution/implementation of the Contract.

4.9 LRTA shall review the performance of the Contractor's personnel engaged in the carrying out the services. In the event that LRTA determines the performance of any of the personnel is not in accordance with accepted industry/commercial standards,LRTA, may request the replacement of such, personnel within a reasonable time, subject to pertinent requirements of Philippine Labor Laws or the rules or regulations of any government agency or of LRTA.

4.10 CHANGES IN THE WORK

LRTA may at anytime, without invalidating the Contract and after prior notice and with the conformity of the sureties, order extra work or make changes by altering, adding to or deducting from the work where it is found necessary as covered by the specifications and other documents pertinent to the Contract and within the general scope thereof. LRTA in writing shall order such changes and the Contractor shall

immediately proceed with the implementation of the written order within **two (2) days** from receipt thereof.

5. FORCE MAJEURE

The contracting party shall not be liable for non-performance of any of the provisions of the Contract when the same is due to force majeure such as, but not limited to, fires, floods, earthquakes, typhoons, storms, strikes, lockouts, civil commotion, riots, rebellion, insurgency, blockades or any government embargo, regulation or restriction, epidemic, acts of God, wars or any other causes beyond their control, regardless of whether such causes arises directly or indirectly.

6. PHILIPPINE LAW

7.1 7.1 The Contractor shall comply with all relevant requirements of Philippine Laws such as and of the rules and regulations of any government agency or LRTA, including laws, regulations and policies concerning the employees of the Contractor engaged in performing the services.

7.2 The Contractor shall give all notices and secure all permits and certificate required by such laws, regulations and decrees. The Contractor shall be solely liable for any and all Contractor's taxes, levies, duties and fees pertinent to the performance of the subject services.

7.3 The provisions of R.A. No. 9184 and its implementing rules and regulations shall, among other laws, shall primarily govern the Contract.

Annex C

SIGNALING AND TELECOM SECTION

TESTING PROCEDURE OF ATC CABINET

ONBOARD:

ATO / ATP CARDS	GREEN LED	AMBER LED	RED LED	PASSED	FAILED	REMARKS
MPM	OK	NON FATAL	FATAL ERROR			
SLM	OK	NON FATAL	FATAL ERROR			
TCM	OK	NON FATAL	FATAL ERROR			
SIOM	OK	NON FATAL	FATAL ERROR			
DIOM	OK	NON FATAL	FATAL ERROR			
MIES CARD	GREEN LED ATP OK					
	V,ENTRADA OK					
	V.SALIDA OK					
LMM CARD	OK	(CETRAL AMBER LED) Marker are being receved correctly	(LOWER AMBER LED) Marker are being receved correctly			
MIST (ATO LED OK)	GREEN LED BAL. OK					
	V,ENTRADA OK					
	V.SALIDA OK					
MRBP 1			RL4			
			RL9			
			RL14			
			RL15			
			RL16			
MRBP 2			RL4			
			RL5			
			RL9			
			RL10			
MRBP 3			RL3			
			RL7			
			RL12			

Note:

1. Static test run will taked one (1) days before installing on Trainset (TS)
2. Low speed test run at depot two (2) days before installing on Trainset (TS)
3. Dynamic test run at revenue line seven (7) days without error

SIGNALING AND TELECOM SECTION

TESTING PROCEDURE OF ATC CABINET

DYNAMIC TEST CHECKLIST:

ATO / ATP CARDS	GREEN LED	AMBER LED	RED LED	PASSED	FAILED	REMARKS
MPM ATO	OK					
SLM ATO	OK					
TCM ATO	OK					
SIOM ATO	OK					
DIOM ATO	OK					
R110 ATO	OK		(RL1:RL5)			
LMM ATO CARD	OK	(CETRAL AMBER LED) Marker are being receved correctly	(LOWER AMBER LED) Marker are being receved correctly			
MIST (ATO LED OK)	GREEN LED BAL. OK					
	V,ENTRADA OK					
	V.SALIDA OK					
MRBP 1			RL4			
			RL9			
			RL14			
			RL15			
			RL16			
MRBP 2			RL4			
			RL5			
			RL9			
			RL10			
MRBP 3			RL3			
			RL7			
			RL12			
MPM ATP	OK					
SLM ATP	OK					
TCM ATP	OK					
SIOM ATP	OK					
DIOM ATP	OK					
MIC ATP	OK					
MIES CARD	GREEN LED ATP OK					
	V,ENTRADA OK					
	V.SALIDA OK					
ATP A PSU	OK					
ATP B PSU	OK					
ATO PSU	OK					

SIGNALING AND TELECOM SECTION
TESTING PROCEDURE OF ATC CABINET

LABAORATORY TEST RUN CHECKLIST:

ATO / ATP CARDS	GREEN LED	AMBER LED	RED LED	PASSED	FAILED	REMARKS
MPM ATO		OK				
SLM ATO	OK					
TCM ATO	OK					
SIOM ATO	OK					
DIOM ATO	OK					
R110 ATO	OK					
LMM ATO CARD	OK					
MPM ATP		OK				
SLM ATP	OK					
TCM ATP	OK					
SIOM ATP	OK					
DIOM ATP	OK					
MIC ATP	OK					
ATP A PSU	OK					
ATP B PSU	OK					
ATO PSU	OK					
Check for any short circuit at input/output supply side						
Check exhaust fan						
Check back plain connections						
Check Relays if if continuity of contacts are good						
Check connections of interconnection cables						
Check MRBP cards for any busted fuse and defective relays						
Check output voltage of power ATC Power suppy 5volts and 24volts						

Note: Test run will taked five (5) days before installing on Trainset (TS)

Section VIII
Checklist of Technical and Financial Documents

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

Technical Documents

(b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

(c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; **and**

(d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;

or

Original copy of Notarized Bid Securing Declaration; **and**

(e) Conformity with the Technical Specifications, which may include manpower requirements, and/or after-sales/parts, if applicable; **and**

(f) Schedule of Requirements/Delivery Period/Delivery Schedule;

(g) Warranty Period;

(h) Plans;

(i) Original duly signed Omnibus Sworn Statement (OSS);

and, Original Notarized Board Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney if Single Proprietor Firm.

Financial Documents

(j) The prospective bidder's computation of Net Financial Contracting

Capacity (NFCC);

or

(k) A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

(l) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;
or
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

Other documentary requirements under RA No. 9184 (as applicable)

(m) *[For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos]* Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.

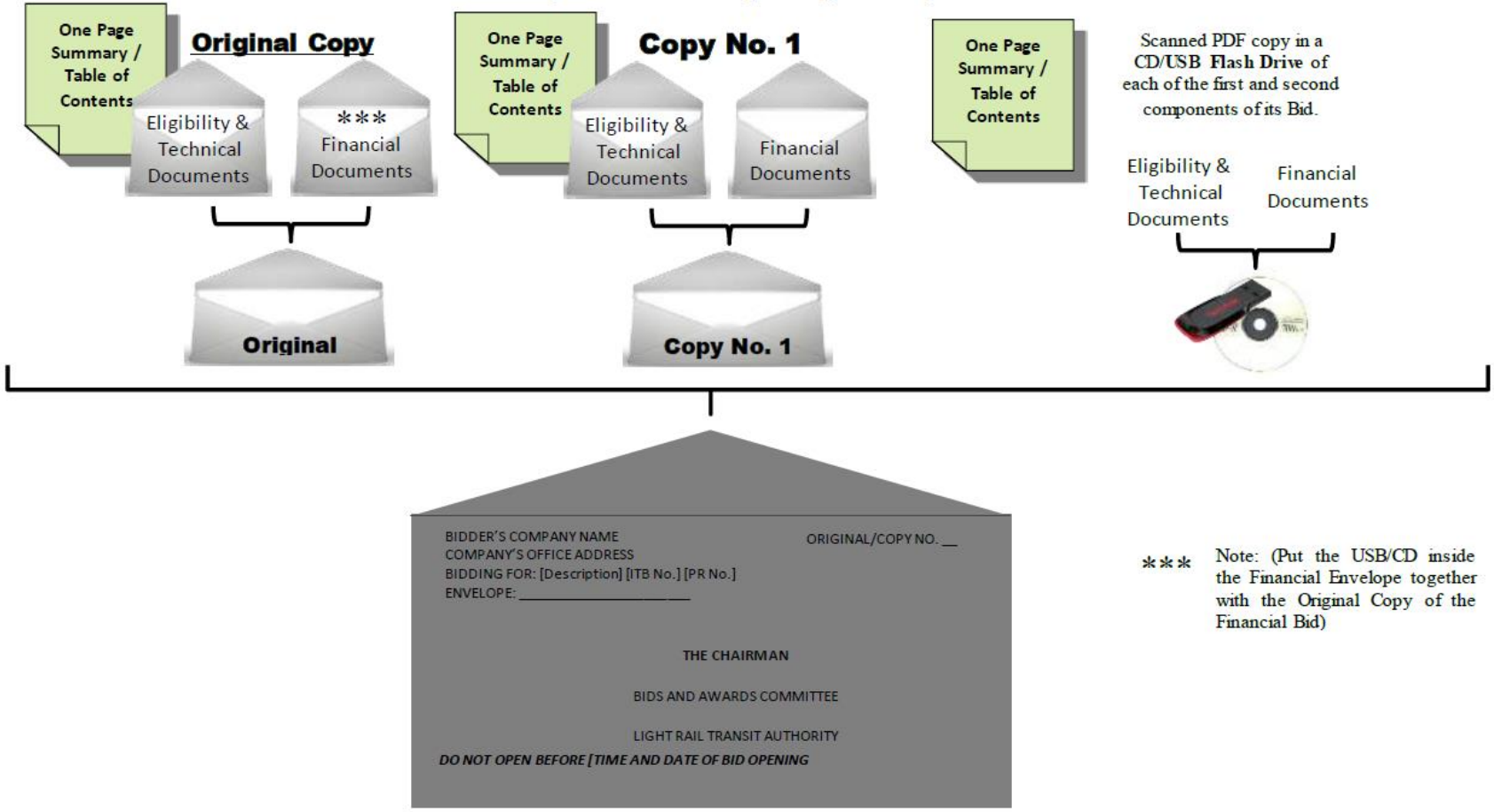
(n) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

25 FINANCIAL COMPONENT ENVELOPE

(a) Original of duly signed and accomplished Financial Bid Form; **(Form -5) and**
Notarized Board Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney if Single Proprietor Firm.

(b) Original of duly signed and accomplished Price Schedule(s).**(Foreign – Form – 6) / (Local – Form – 6A);**

SEALING AND MARKING OF BIDS
(Two-Envelope System)



*** Note: (Put the USB/CD inside the Financial Envelope together with the Original Copy of the Financial Bid)

Section IX
Bidding Forms

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Form No. 1

PR No. : RS2-2410-259 **ITB No. : 2502-30-11**
Project Title : Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System

Statement of Bidder of All Its On-going Government and Private Contracts, Including Contracts Awarded But Not Yet Started

As of _____

Name of Bidder: _____

Client and Address w/ Contact Person and Contact Details (Tel./Cell No. and/or Email Address	Date of Award	Nature of Contract whether or not supply and delivery	Description of Project/s	Contract Date of Delivery/ Completion	Amount of Contract	Value of Outstanding Contract	Specify whether as Manufacturer, Supplier, Distributor or Sub-Contractor

Bidder is requested to submit copies of Notice of Award and/or Purchase Order/Contract; or equivalent documents for post-qualification evaluation purposes.

Submitted by (Print Name and Sign) Designation

Form No. 2

PR No. : RS2-2410-259 **ITB No. : 2502-30-11**
Project Title : Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System

Statement of Bidder of at Least One (1) Completed Contract Compliant With the Track Record Requirement Specified in BDS Clause 5.3 In Relation to ITB Clause 5.3

As of _____

Name of Bidder: _____

Client and Address w/ Contact Person and Contact Details (Tel./Cell No. and/or Email Address	Date of Award	Nature of Contract whether or not supply and delivery	Description of Project/s	Date of Completion	Amount of Contract	Specify whether as Manufacturer, Supplier, Distributor or Sub-Contractor

The statement must be accompanied with copies of Contract, AND Certificate of Completion or Acceptance; or equivalent documents evidencing scope of work and contract completion.

Submitted by (Print Name and Sign) Designation

_____ _____

Form No. 3

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION
Project Identification No.: *[Insert number]*

To: *[Insert name and address of the Procuring Entity]*

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.

2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f),of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.

3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:

    a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
    b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
    c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month] [year]* at *[place of execution]*.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Form No. 4

Omnibus Sworn Statement (Revised)

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

   [If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

   [If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

   [If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

   [If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

   [If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

   [If a partnership or cooperative:] None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

   [If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

   a. Carefully examining all of the Bidding Documents;
   b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
   c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
   d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Form No. 5

Bid Form for the Procurement of Goods

[shall be submitted with the Bid]

BID FORM

Date : _____

Project Identification No. : _____

To: [name and address of Procuring Entity]

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers [insert numbers], the receipt of which is hereby duly acknowledged, we, the undersigned, offer to [supply/deliver/perform] [description of the Goods] in conformity with the said PBDs for the sum of [total Bid amount in words and figures] or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: [specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties], which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);

b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;

c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

[Insert this paragraph if Foreign-Assisted Project with the Development Partner:
Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address Amount and Purpose of
ofagentCurrencyCommission or gratuity

_____
_____
_____
(if none, state "None")]

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Name: _____

Legal capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

Form No. 6

Price Schedule for Goods Offered from Abroad

[shall be submitted with the Bid if bidder is offering goods from Abroad]

For Goods Offered from Abroad

Name of Bidder _____ Project ID No._____ Page ___ of ___

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIPnamed place (specify border point or place of destination)	Total CIForCIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit priceDelivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)
1	Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System							
Total								

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Form No. 6A

Price Schedule for Goods Offered from Within the Philippines

[shall be submitted with the Bid if bidder is offering goods from within the Philippines]

For Goods Offered from Within the Philippines

Name of Bidder _____ Project ID No._____ Page ___of___

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXWper item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)
1	Contract for the Supply of One (1) Lot Repair of Train On-Board Signaling System								
Total									

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Form No. 7

Contract Agreement Form for the Procurement of Goods (Revised)

[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT AGREEMENT

THIS AGREEMENT made the _____ day of _____ 20_____ between [name of PROCURING ENTITY] of the Philippines (hereinafter called "the Entity") of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called "the Supplier") of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of *[contract price in words and figures in specified currency]* (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.

2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, *viz.*:

   i. Philippine Bidding Documents (PBDs);
      i. Schedule of Requirements;
      ii. Technical Specifications;
      iii. General and Special Conditions of Contract; and
      iv. Supplemental or Bid Bulletins, if any

   ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

      Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

   iii. Performance Security;

   iv. Notice of Award of Contract; and the Bidder's conforme thereto; and

   v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the**

GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.

3. In consideration for the sum of *[totalcontract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.

4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

[Insert Name and Signature]	*[Insert Name and Signature]*
[Insert Signatory's Legal Capacity]	*[Insert Signatory's Legal Capacity]*
for:	*for:*
[Insert Procuring Entity]	*[Insert Name of Supplier]*

Acknowledgment

[Format shall be based on the latest Rules on Notarial Practice]

ANNEX "D"

Republic of the Philippines}
Pasig City }s.s.

UNDERTAKING

I, **_____,** the duly authorized representative of _____, a domestic corporation duly organized and existing under and by virtue of the laws of the Republic of the Philippines, with principal office address at _____, and as its duly authorized representative relative to the procurement of the Contract for the **One (1) Lot Repair of Train On-Board Signaling System** under PR No. _____ and ITB No. _____, ***if awarded the contract***, hereby undertake to comply with the following, thus:

1. to bear all risk of loss to the work including any revenue loss, or materials or equipment for the work due to fire, theft, vandalism, or other casualty or cause, until the work is fully completed and accepted by the Light Rail Transit Authority (LRTA).

2. to comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction for the safety of persons or property or to protect them from damage, injury or loss. All damage or loss to any property caused in whole or in part by the Contractor, any Sub-Subcontractor or anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable, shall be remedied by the Contractor.

3. to indemnify and hold harmless the LRTA or any of its authorized representatives, and their respective officers, agents and employees, insurers, and self-insurance pool, from and against all liability, claims and demands, on account of injury, loss or damage, including without limitation claims arising from bodily injury, personal injury, sickness, disease, death, property loss or damage, or any other loss of any kind whatsoever, which arise out of or are in any way connected with this Contract, if such injury, loss, or damage is caused in whole or in part by, or is error, mistake, negligence, or other fault of the Contractor or any Subcontractor of the Contractor, or any officer, employee, representative, or agent of the Contractor or any Subcontractor of the Contractor, or which arise out of any worker's compensation claim of any employee of the Contractor or any Subcontractor of the Contractor.

4. to procure and maintain, at its own cost, a policy or policies of insurance sufficient to insure against all liability, claims, demands, and other obligations assumed by the Contractor. Such insurance shall be in addition to any other insurance requirements imposed by this contract or by law.

This undertaking is being issued for whatever legal purpose this may serve.

Issued this ___ day of _____ 2025 at Pasig City.

By:

AFFIANT

SUBSCRIBED AND SWORN to before me this ___ day of _____ 2025, at _____, Metro Manila, affiant exhibiting to me his _____No. _____ issued on _____ at _____.

NOTARY PUBLIC

Doc. No. _____;
Page No. _____;
Book No. _____;

Series of 2025.