

PHILIPPINE BIDDING DOCUMENTS

(As Harmonized with Development Partners)

SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, INTEGRATION AND TESTING OF JAIL SERVICE DIGITAL COMMUNICATIONS AND DISPATCH SYSTEM FOR REGION VII (RE-BID)

G-2022-010

Government of the Republic of the Philippines

**Sixth Edition
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Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the "*name of the Procuring Entity*" and "*address for bid submission*," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

Table of Contents

Glossary of Acronyms, Terms, and Abbreviations	4
Section I. Invitation to Bid.....	7
Section II. Instructions to Bidders.....	10
1. Scope of Bid	11
2. Funding Information.....	11
3. Bidding Requirements	11
4. Corrupt, Fraudulent, Collusive, and Coercive Practices	11
5. Eligible Bidders.....	12
6. Origin of Goods	12
7. Subcontracts	12
8. Pre-Bid Conference	12
9. Clarification and Amendment of Bidding Documents	12
10. Documents comprising the Bid: Eligibility and Technical Components	13
11. Documents comprising the Bid: Financial Component	13
12. Bid Prices	13
13. Bid and Payment Currencies	14
14. Bid Security	14
15. Sealing and Marking of Bids	15
16. Deadline for Submission of Bids	15
17. Opening and Preliminary Examination of Bids	15
18. Domestic Preference	15
19. Detailed Evaluation and Comparison of Bids	16
20. Post-Qualification	16
21. Signing of the Contract	16
Section III. Bid Data Sheet	17
Section IV. General Conditions of Contract	20
1. Scope of Contract	21
2. Advance Payment and Terms of Payment	21
3. Performance Security	21
4. Inspection and Tests	21
5. Warranty	22
6. Liability of the Supplier	22
Section V. Special Conditions of Contract	23
Section VI. Schedule of Requirements	28
Section VII. Technical Specifications	29
Section VIII. Checklist of Technical and Financial Documents	32

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 – Bangko Sentral ng Pilipinas.

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

Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



Republic of the Philippines
DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT
BUREAU OF JAIL MANAGEMENT AND PENOLOGY
NATIONAL HEADQUARTERS

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**INVITATION TO BID FOR SUPPLY, DELIVERY, INSTALLATION,
COMMISSIONING, INTEGRATION AND TESTING OF JAIL SERVICE
DIGITAL COMMUNICATIONS AND DISPATCH SYSTEM FOR REGION VII
(RE-BID)**

1. The **BUREAU OF JAIL MANAGEMENT AND PENOLOGY – NATIONAL HEADQUARTERS (BJMP-NHQ)**, through the **GENERAL APPROPRIATIONS ACT CY 2022** intends to apply the sum of **FIFTY-EIGHT MILLION TWO HUNDRED SEVENTY-THREE THOUSAND EIGHT HUNDRED EIGHTY-TWO PESOS ONLY (PHP 58,273,882.00)** being the ABC to payments under the contract for **BJMP REFERENCE NO. G-2022-010**. Bids received in excess of the ABC shall be automatically rejected at bid opening.
2. The **BJMP-NHQ** now invites bids for the above Procurement Project. Delivery of goods required is **ONE HUNDRED THIRTY (130) CALENDAR DAYS UPON RECEIPT OF NTP**. Bidders should have completed, within **FIVE (5) 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).
3. Bidding will be conducted through open competitive bidding procedures using a non-discretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is open to all interested bidders, whether local or foreign, subject to the conditions for eligibility provided in the 2016 revised IRR of RA No. 9184.
4. Prospective Bidders may obtain further information from **BJMP – DIRECTORATE FOR LOGISTICS** and inspect the Bidding Documents at the address given below on weekdays from 8:00 AM to 5:00 PM.
5. A complete set of Bidding Documents may be acquired by interested Bidders on **JULY 23, 2022** from the given address and website below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the amount of **Fifty Thousand Pesos (Php 50,000.00)**. The Procuring Entity shall allow the bidder to present its proof of payment for the fees in person or through electronic means.

6. The **BJMP-NHQ** will hold a Pre-Bid Conference on **AUGUST 1, 2022 at 1:00 PM** through video conferencing *via ZOOM (Meeting ID: 859 5157 4001 and Passcode: 329736)*, which shall be open to prospective bidders.
7. Bids must be duly received by the BAC Secretariat **MANUALLY** submission at the **BJMP-NHQ, 2ND FLOOR, DIRECTORATE FOR LOGISTICS, 144 MINDANAO AVENUE PROJECT 8, QUEZON CITY**, on or before **AUGUST 16, 2022 AT 12:30 PM**. Late bids shall not be accepted.
8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
9. Bid opening shall be on **AUGUST 16, 2022 at 2:00 PM** through video conferencing via **ZOOM (Meeting ID: 873 2551 4908 and Passcode: 890817)**. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
10. The **BJMP-NHQ** 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.
11. For further information, please refer to:

The BAC Secretariat
2nd Floor Directorate for Logistics, BJMP-NHQ,
144 Mindanao Avenue, Quezon City
Telephone: 453 1196 local 202; 263-3069
Email Address: bac.bjmphq@gmail.com
12. You may visit the following websites:

For downloading of Bidding Documents:
www.bjmp.gov.ph
www.facebook.com/bjmphqbacofficial

July 23, 2022
[Date of Issue]

DENNIS U ROCAMORA, CESE
Jail Chief Superintendent
Deputy Chief for Operations
of the Jail Bureau
Chairperson, BJMP-NHQ BAC

Section II. Instructions to Bidders

Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

1. Scope of Bid

The Procuring Entity, **BJMP-NHQ** wishes to receive Bids for the **SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, INTEGRATION AND TESTING OF JAIL SERVICE DIGITAL COMMUNICATIONS AND DISPATCH SYSTEM FOR REGION VII**, with identification number **BJMP REFERENCE NO. G-2022-010**.

The Procurement Project (referred to herein as "Project") is composed of one (1) lot, the details of which are described in Section VII (Technical Specifications).

2. Funding Information

2.1. The GOP through the source of funding as indicated below for **CY 2022** in the amount of **FIFTY-EIGHT MILLION TWO HUNDRED SEVENTY-THREE THOUSAND EIGHT HUNDRED EIGHTY-TWO PESOS ONLY (PHP 58,273,882.00)**

2.2. The source of funding is NGA, the General Appropriations Act of CY 2022.

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. 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 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 not allowed.

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 **AUGUST 2, 2022** through videoconferencing/webcasting as indicated in paragraph 6 of the **IB**.

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** Clause 5.3 should have been completed within **FIVE (5) 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.

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 e.
- 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)**.

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 tradeable 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 Philippine Pesos.

14. Bid Security

14.1. The Bidder shall submit a Bid Securing Declaration¹ 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**.

¹ In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

- 14.2. The Bid and bid security shall be valid until **120 Calendar days upon Opening of the Bids**. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

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 paragraph 7 of the **IB**.

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 paragraph 9 of 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.

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.
- 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:

One Project having several items that shall be awarded as one contract.
- 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 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, 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**.

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**.

Section III. Bid Data Sheet

Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

Bid Data Sheet

ITB Clause	
5.3	<p>For this purpose, contracts similar to the Project shall be:</p> <ul style="list-style-type: none"> a. DIGITAL RADIO SYSTEM b. completed within five (5) years prior to the deadline for the submission and receipt of bids.
12	The price of the Goods shall be quoted DDP to the PROJECT SITES or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> a. The amount of not less than two percent (2%) of ABC, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than five percent (5%) of ABC, if bid security is in Surety Bond.
15	<p>Sealing and Marking of Bids</p> <p>Each Bidder shall submit ONE (1) ORIGINAL AND ONE (1) COPY of the first and second components of its Bid.</p>
20.1	<p>For the purpose of Post Qualification, the following documents shall be submitted:</p> <ol style="list-style-type: none"> 1. Valid and updated PhilGEPS Registration Certificate (if the bidder submitted Class "A" documents in lieu of PhilGEPS Platinum Registration) 2. Business Registration <i>(if not submitted together with PhilGEPS Platinum Certificate);</i> 3. Mayor's Permit issued by the city or municipality where the principal place of business of the bidder is located. <i>(if not submitted together with PhilGEPS Platinum Certificate);</i> 4. 2020 Audited Financial Statement <i>(if not submitted together with PhilGEPS Platinum Certificate);</i> 5. Tax Clearance. <i>(if not submitted together with PhilGEPS Platinum Certificate);</i>

	<p>6. Latest Income Tax Return for fiscal/calendar year 2020 (BIR Form 1701 or 1702)</p> <p>7. Value Added Tax Return (Forms 2551M or 2551Q) or Percentage Tax Reform (Form 2551M) covering the last six (6) months before the deadline of Opening of Bids.</p> <p>8. Submission of pieces of evidence² as proof of compliance with the bidder’s actual offer, if applicable.</p> <p>9. Proof of completion of the single largest contract as identified in the Statement of Single Largest Contract, which shall be copy of any verifiable document(s) such as but not limited to the following: (a) Contract/s or Purchase Order/s; (b) corresponding Sales Invoice/s; (c) Official Receipt/Cash Receipt/Collection Receipt; and (d) Certificate of Satisfactory Completion.</p> <p><i>Notes:</i></p> <p><i>1. The income tax and business tax returns stated above should have been filed through the Electronic Filing and Payment System (EFPS).</i></p> <p><i>2. Documents submitted during post-qualification as part of post-qualification documents must be certified by the authorized representative to be true copy/ies of the original.</i></p>
21.2	<p><i>[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.]</i></p>

² In the column “Bidders Compliance”, the bidder must state “comply” against each of the individual parameters of each specification corresponding to performance parameter of equipment offered. Statement of “comply” must be supported by evidence in a bidders cross-referenced to that evidence.

Section IV. General Conditions of Contract

Notes on the General Conditions of Contract

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special 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**.

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.

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 specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC, Section VII (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

Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

Special Conditions of Contract

GCC Clause	
1	<p><i>[List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract.]</i></p> <p>Delivery and Documents –</p> <p>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:</p> <p><i>[For Goods supplied from abroad, state:]</i> “The delivery terms applicable to the Contract are DDP delivered to locations specified in the Terms of Reference. In accordance with INCOTERMS.”</p> <p><i>[For Goods supplied from within the Philippines, state:]</i> “The delivery terms applicable to this Contract are delivered to locations specified in the Terms of Reference. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination.”</p> <p>Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements).</p> <p>For purposes of this Clause the Procuring Entity’s Representative at the Project Site is See Section VI. Schedule of Requirements.</p> <p>Incidental Services –</p> <p>The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements:</p> <p><i>Select appropriate requirements and delete the rest.</i></p> <ol style="list-style-type: none"> a. performance or supervision of on-site assembly and/or start-up of the supplied Goods; b. furnishing of tools required for assembly and/or maintenance of the supplied Goods; c. furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods;

d. performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

e. training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.

f. *[Specify additional incidental service requirements, as needed.]*

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.

Spare Parts –

The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:

Select appropriate requirements and delete the rest.

a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and

b. in the event of termination of production of the spare parts:

i. advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and

ii. following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.

The spare parts and other components required are listed in **Section VI (Schedule of Requirements)** and the cost thereof are included in the contract price.

The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of five (5) years.

Spare parts or components shall be supplied as promptly as possible, but in any case, within thirty (30) of placing the order.

	<p>Packaging –</p> <p>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.</p> <p>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.</p> <p>The outer packaging must be clearly marked on at least four (4) sides as follows:</p> <p>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</p>
	<p>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.</p> <p>Transportation –</p> <p>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.</p>

	<p>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.</p>
	<p>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.</p> <p>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.</p> <p>Intellectual Property Rights –</p> <p>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.</p>
4	<p>The inspections and tests that will be conducted are in accordance with the Terms of Reference as provided in the bidding documents</p>

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.

No.	Unit	Description	Quantity	Delivered, Weeks/ Months
SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, INTEGRATION AND TESTING OF JAIL SERVICE DIGITAL COMMUNICATIONS AND DISPATCH SYSTEM FOR REGION VII (PLEASE REFER TO THE ATTACHED TERMS OF REFERENCE)				130 calendar days upon receipt of NTP

Section VII. Technical Specifications

Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply,

unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "*or at least equivalent.*" References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

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 Bidders 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 subject to the provisions of **ITB Clause Error! Reference source not found.** and/or **GC Clause Error! Reference source not found.**

Minimum / Specific Requirements	Statement of Compliance
<p>SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, INTEGRATION AND TESTING OF JAIL SERVICE DIGITAL COMMUNICATIONS AND DISPATCH SYSTEM FOR REGION VII</p> <p>CONFORM WITH THE ATTACHED TERMS OF REFERENCE</p>	

Section VIII. Checklist of Technical and Financial Documents

Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
and
- (c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (f) 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**
- (g) 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**
- (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
 - (i) **or**
Original copy of Notarized Bid Securing Declaration; **and**
- (j) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (k) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

- (l) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped

“received” by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**

- (m) The prospective bidder’s computation of Net Financial Contracting Capacity (NFCC);

or

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

Class "B" Documents

- (n) 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)

- (o) *[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.
- (p) 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; **and**
- (b) Original of duly signed and accomplished Price Schedule(s).

BIDDING FORMS

Bid Form for the Procurement of Goods

[shall be submitted with the Bid]

BID FORM

Date: _____

Procurement Identification No.: _____

To: [name and address of Procuring Entity]

Gentlemen and/or Ladies:

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin/s, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to the following in conformity with the said PBDs:

PROJECT NAME	TOTAL BID AMOUNT
SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING, INTEGRATION AND TESTING OF JAIL SERVICE DIGITAL COMMUNICATIONS AND DISPATCH SYSTEM FOR REGION VII	
Bid Price in Words: _____	

We understand that the above submitted bid price, as read, shall still be 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.

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.

Dated this _____ day of _____ 20_____.

Name: _____

Legal capacity: _____

Signature: _____

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

Date: _____

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	4a	5	6	7	8	9
Item	Description	Country of origin	Quantity	UOM	Unit price CIF port of entry (specify port) or CIP named place (specify border point or place of destination)	Total CIF or CIP price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)
I	Supply, delivery, installation, configuration, integration and testing of Equipment								
A	Equipment								
1	Repeater System		6	lot					
2	Base Radio System		37	Lot					
3	Mobile Radio System		48	Set					
4	Portable Radio System		303	Set					
5	Softwares		1	lot					
6	Regional Office								
	6KVA UPS		1	unit					
	6ft/42 RU Data Center		1	Unit					

b	Labor Cost (Engineering Services, Installation, configuration, integration and testing								
II.	Project Mgt and Administrative Services		49	Lot					
III.	Warranties and Maintenance		49	lot					
IV.	Training		400	Pax					
									TOTAL

Name: _____

Legal Capacity: _____

Signature: _____

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

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	4a	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	UOM	Unit price EXW per item	Transportation and Insurance 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)
I	Supply, delivery, installation, configuration, integration and testing of Equipment									
A	Equipment									
1	Repeater System		6	lot						
2	Base Radio System		37	Lot						
3	Mobile Radio System		48	Set						
4	Portable Radio System		303	Set						
5	Softwares		1	lot						
6	Regional Office									

	6KVA UPS		1	unit						
	6ft/42 RU Data Center		1	Unit						
b	Labor Cost (Engineering Services, Installation, configuration, integration and testing									
II.	Project Mgt and Administrative Services		49	Lot						
III.	Warranties and Maintenance		49	lot						
IV.	Training		400	Pax						
TOTAL										

Name: _____

Legal Capacity: _____

Signature: _____

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

BID SECURING DECLARATION FORM

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

BID SECURING DECLARATION
Invitation to Bid: [Insert Reference 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 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 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;
 - (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'S AUTHORIZED
REPRESENTATIVE]*
[Insert Signatory's Legal Capacity]
Affiant

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

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 Form

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 [total contract 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.

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]

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.

Bidder's Representative/Authorized
Signatory

[Jurat]

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

Performance Securing Declaration (Revised)

[if used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]

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

PERFORMANCE SECURING DECLARATION

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]
To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
 - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
 - i. Procuring Entity has no claims filed against the contract awardee;
 - ii. It has no claims for labor and materials filed against the contractor; and
 - iii. Other terms of the contract; or
 - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 IRR of RA No. 9184 as required by the end-user.

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'S AUTHORIZED REPRESENTATIVE]
[Insert signatory's legal capacity]
Affiant

[Jurat]

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

STATEMENT OF ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS, INCLUDING CONTRACTS AWARDED BUT NOT YES STARTED

This is to certify that _____ has the following ongoing and awarded but not yet started contracts:

Name of Contract	Date of Contract	Contract Duration	Owner's Name and Address	Kind of Goods	Amount of Contracts	Date of Delivery

Name and Signature of Authorized Representatives

Date

***Instructions**

- a. State all ongoing contracts including those awarded but not yet started (government and private contracts which may be similar or not similar to the project called for bidding) as of the **day before the deadline of submission of bids.**
- b. If there is no ongoing contract including awarded but not yet started as of the aforementioned period, state none or equivalent term.
- c. **Indicate the Nature/Scope** of the contract in "Name of Contract" for easier tracking of the entries/representation. E.g. *"Supply and Delivery of 10 Units of Prisoners Van"*

STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE CONTRACT TO BE BID

This is to certify that _____ has the following completed contract(s) for the past five (5) years.

Name of Contract	Date of Contract	Contract Duration	Owner's Name and Address	Kind of Goods	Amount of Completed Contracts	Date of Delivery	Date of End-User's Acceptance

Name and Signature of Authorized Representatives

Date

*Instructions

a. **Indicate the Nature/Scope** of the contract in "Name of Contract" for easier tracking of the entries/representation. E.g. *"Supply and Delivery of 10 Units of Prisoners Van"*



Republic of the Philippines
DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT
BUREAU OF JAIL MANAGEMENT AND PENOLOGY
NATIONAL HEADQUARTERS

144 BJMP Bldg., Mindanao Avenue, Project 8, Quezon City
Trunkline: (+632) 927-5505; 453-1196
Email Address: director@bjmp.gov.ph Website: www.bjmp.gov.ph



TERMS OF REFERENCE

I. Project Title	Supply, Delivery, Installation, Commissioning, Integration and Testing of Jail Service Digital Communications and Dispatch System for Region VII
II. Approved Budget Cost	Fifty-Eight Million Two Hundred Seventy-Three Thousand Eight Hundred Eighty-Two Pesos Only (Php 58,273,882.00)
III. Project Duration	130 calendar days
IV. Project Description and Objectives	
<p>A. Background</p> <p>The Bureau of Jail Management and Penology is a line agency of the Department of the Interior and Local Government (DILG) created pursuant to RA 6975 which mandates to ensure the establishment of secured clean, adequately equipped, and sanitary facilities and provision of quality services for the custody, safekeeping and development of the district, city, and municipal inmates, any fugitive from justice, or person detained, awaiting or undergoing investigation or trial and/or transfer to the National Penitentiary, and/or violent mentally ill person who endangers him/herself or the safety of others as certified by the proper medical or health officer, pending transfer to a mental institution.</p> <p>One of the challenges in sustaining its functions for implementation of strong security measures for control of PDL and improvement of jail facilities under security management is the lack of a secured communications system in the management of movement or escort and custodial services for Persons Deprived of Liberty (PDL) and coordination with friendly forces or allied agencies in case of emergencies, disasters and related incidents that may compromise the security of the jail operations that will risk the public safety.</p> <p>Hence, the Jail Bureau strategically implements a mission-critical Digital Radio Communication and Dispatch System to address this problem. The implementation is a combination of DMR trunking and conventional solutions for Regions 1, 2, 3, 4A, 6, and NCR. This will be continuously enhanced to extend its coverage throughout the Jail jurisdictions until the Bureau will be able to take full advantage of the features and functionalities of the modern digital communication system that goes beyond voice communication fully controlled by the Jail Bureau, particularly the Directorate for Operations.</p> <p>B. Description</p>	

For this project, will cover partly the operational jurisdiction of the Jail Bureau at Region VI. It will be a conventional digital repeater system that will ideally cover most if not all of its jails within the area of responsibility connected via IP connection. In the absence of IP or Internet Service, the repeater is expected to function via local repeater station that will serve within its operational area covered.

Identified repeater location will cover the devices under their geographic location while the IP connectivity will extend its coverage that will enable communication among or within the region. This can be undertaken in this project from supply, delivery, commissioning, and testing of Communications Equipment to BJMP facilities and structures already in place. The project considers the following services to complete the project:

1. Administrative services, such as but not limited to, scheduling, documentation, processing, and coordination for permits, importation, delivery, and storage,
2. Engineering Services, such as but not limited to electronic designs and plans preparation, configuration, testing, training, analysis, and synthesis related to engineering practice, and
3. Project management, such as scope, time/scheduling, cost, quality, organization, communication, and risk management, among others.

Specifications and features of radio terminal solutions will be trunking ready but will operate in a conventional mode for this project. Features for dispatch must be compatible to open systems for future integration.

C. Objectives

- To strategize implementation, establishment, and maintenance of sustainable Digital Radio Trunking System solution for the Jail Bureau for future collaboration and integration among its regional and field offices to the National Headquarters and other allied institutions.
- To acquire, install, maintain and operate a digital radio communications system for jails and regional office operations with the following features and functionalities:
 - a. A system solution that is practical to install, interactive with other radio communications, and compatibility of current and future technologies;
 - b. Clear voice transmission/reception and low noise interference;
 - c. Efficient channel use to support “On-time” response to mission-critical tasks;
 - d. Sufficient channel use in a multi-level task-force mission such as in a multi-agency incident command communication;
 - e. Secure communications to prevent monitoring by unscrupulous elements;
 - f. Internet Protocol (IP) based conventional radio communication system capable of digital voice and data transmission.

- g. Compatible with the latest Information Technology (IT) applications and full utilization of current trends in digital communications;
- h. Scalable to support the growing need for wireless radio communication;
- i. Ability to keep pace with the fast advancing telecommunication technology; and
- j. Open-standard system that allows multiple Suppliers and Service Providers.

V. Scope of Works and Deliverables

ID No.	Scope of Works (SOW)
01	Administrative and Engineering Services in project initiation and mobilization, planning, design and documentation; Application of NTC permits and licenses;
02	Supply and delivery of communication equipment and installation materials to project site;
03	Installation, configuration, and testing of communication equipment and brief user's orientation. Includes the following, but not limited to installation of antenna system; installation of brackets for the antenna; termination and fixing of cables with required conduits/ladders; provision and configuration of equipment and LAN connection for IP connectivity from the unit's MDF/IDF to telecom terminal where the repeater radio is installed or located; chipping/drilling of cable path; configuration and testing of the repeater, mobile base, fixed base, and portable radio; provision of necessary internal/external grounding for communication installation; Restoration of work areas to its original or physical appearance. Brief user's orientation on the use and minimum maintenance of the system installed;
04	Engineering Services: Installation and configuration of network management and monitoring system at Regional Offices; Integration thru system configuration with existing digital communication system at the National Headquarters; Installation or termination of necessary cables and equipment necessary to operate the system;
05	Conduct of users training;
06	Administrative and Engineering Services: Project Management documentation; Review and update of engineering designs; Report preparation and consolidations; Scheduling and Inventory;
07	Project Management and Monitoring

ID No.	Deliverables (D)							
01	<ul style="list-style-type: none"> ● Project Management Plan (PMP) <table border="1" data-bbox="408 300 1458 1312"> <thead> <tr> <th colspan="2" data-bbox="408 300 1458 338">PROPOSED OUTLINE</th> </tr> </thead> <tbody> <tr> <td data-bbox="408 338 927 1312"> <p>1. INTRODUCTION</p> <p>1.1 DOCUMENT OBJECTIVES 1.2 REFERENCES</p> <p>2. PROJECT SCOPE</p> <p>2.1 SCOPE STATEMENT</p> <p>2.1.1 <i>Description</i> 2.1.2 <i>Acceptance Criteria</i> 2.1.3 <i>Exclusions</i> 2.1.4 <i>Constraints</i> 2.1.5 <i>Assumptions</i></p> <p>2.2 WORK BREAKDOWN STRUCTURE 2.3 WBS DICTIONARY 2.4 REQUIREMENT TRACEABILITY MATRIX</p> <p>3. PROJECT SCHEDULE</p> <p>3.1 PROJECT SCHEDULE 3.2 CRITICAL PATH ACTIVITIES</p> <p>4. PROJECT COSTS</p> <p>4.1 PROCUREMENT COST ESTIMATES 4.2 RESOURCE COST ESTIMATES 4.3 COST PERFORMANCE BASELINE 4.4 COST REPORTING REQUIREMENTS</p> </td> <td data-bbox="927 338 1458 1312"> <p>5. PROJECT QUALITY</p> <p>5.1 QUALITY MANAGEMENT APPROACH 5.1 QUALITY REQUIREMENTS 5.1 QUALITY ASSURANCE 5.1 QUALITY CONTROL 5.1 QUALITY CONTROL MEASUREMENTS</p> <p>6. PROJECT ORGANIZATION</p> <p>6.1 PROJECT ORGANIZATIONAL CHART 6.2 PROJECT TEAM ROLES 6.3 RESOURCE ASSIGNMENT MATRIX (ROLES AND RESPONSIBILITIES)</p> <p>7. PROJECT COMMUNICATION</p> <p>6.1 PROJECT MEETING UPDATES 6.2 CHANGE REQUEST AND APPROVAL</p> <p>8. PROJECT RISKS AND ISSUES</p> <p>8.1 RISKS 8.2 ISSUES</p> <p>9. POST IMPLEMENTATION ACTIVITIES</p> <p>9.1 ESCALATION PLAN 9.2 SERVICE MAINTENANCE PLAN</p> <p>ANNEXES</p> </td> </tr> </tbody> </table> ● Proposed Electronics Plan <table border="1" data-bbox="408 1413 1458 1861"> <tbody> <tr> <td data-bbox="408 1413 927 1861"> <ul style="list-style-type: none"> ○ Site Development Plan ○ Single Line Diagram ○ Isometric View ○ General Notes ○ List of Equipment and Specifications ○ Network Layout (Physical and Logical Layout) </td> <td data-bbox="927 1413 1458 1861"> <ul style="list-style-type: none"> ○ Propagation Layout / Coverage Plan ○ List of Materials ○ Equipment Layout (Telecom Data Cabinet) ○ Work Activity and Methodology </td> </tr> </tbody> </table> ● NTC Frequency Allocation Plan ● NTC Application for PUR/POS/RSL 		PROPOSED OUTLINE		<p>1. INTRODUCTION</p> <p>1.1 DOCUMENT OBJECTIVES 1.2 REFERENCES</p> <p>2. PROJECT SCOPE</p> <p>2.1 SCOPE STATEMENT</p> <p>2.1.1 <i>Description</i> 2.1.2 <i>Acceptance Criteria</i> 2.1.3 <i>Exclusions</i> 2.1.4 <i>Constraints</i> 2.1.5 <i>Assumptions</i></p> <p>2.2 WORK BREAKDOWN STRUCTURE 2.3 WBS DICTIONARY 2.4 REQUIREMENT TRACEABILITY MATRIX</p> <p>3. PROJECT SCHEDULE</p> <p>3.1 PROJECT SCHEDULE 3.2 CRITICAL PATH ACTIVITIES</p> <p>4. PROJECT COSTS</p> <p>4.1 PROCUREMENT COST ESTIMATES 4.2 RESOURCE COST ESTIMATES 4.3 COST PERFORMANCE BASELINE 4.4 COST REPORTING REQUIREMENTS</p>	<p>5. PROJECT QUALITY</p> <p>5.1 QUALITY MANAGEMENT APPROACH 5.1 QUALITY REQUIREMENTS 5.1 QUALITY ASSURANCE 5.1 QUALITY CONTROL 5.1 QUALITY CONTROL MEASUREMENTS</p> <p>6. PROJECT ORGANIZATION</p> <p>6.1 PROJECT ORGANIZATIONAL CHART 6.2 PROJECT TEAM ROLES 6.3 RESOURCE ASSIGNMENT MATRIX (ROLES AND RESPONSIBILITIES)</p> <p>7. PROJECT COMMUNICATION</p> <p>6.1 PROJECT MEETING UPDATES 6.2 CHANGE REQUEST AND APPROVAL</p> <p>8. PROJECT RISKS AND ISSUES</p> <p>8.1 RISKS 8.2 ISSUES</p> <p>9. POST IMPLEMENTATION ACTIVITIES</p> <p>9.1 ESCALATION PLAN 9.2 SERVICE MAINTENANCE PLAN</p> <p>ANNEXES</p>	<ul style="list-style-type: none"> ○ Site Development Plan ○ Single Line Diagram ○ Isometric View ○ General Notes ○ List of Equipment and Specifications ○ Network Layout (Physical and Logical Layout) 	<ul style="list-style-type: none"> ○ Propagation Layout / Coverage Plan ○ List of Materials ○ Equipment Layout (Telecom Data Cabinet) ○ Work Activity and Methodology
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	<ul style="list-style-type: none"> ● Kick-off Meeting
02	<ul style="list-style-type: none"> ● Receipt of Communications Equipment (Passive and Active) to all project sites
03	<ul style="list-style-type: none"> ● Digital Repeater Station ● Digital Fixed-base Radio Station ● Digital Mobile-base Radio Station ● Portable Radio Equipment
04	<ul style="list-style-type: none"> ● Network Management System ● Integration to Existing Digital Radio Communication System
05	<ul style="list-style-type: none"> ● Knowledge Transfer or Users Training
06	<ul style="list-style-type: none"> ● TIAC Technical Testing and Inspection Report / Certification*
07	<ul style="list-style-type: none"> ● Consolidated Project Documentations
08	<ul style="list-style-type: none"> ● PM meeting updates with minutes of meeting sign-off

* Copy of result of Testing and Inspection Report from Technical Resource Person of BJMP TIAC

VI. Delivery Schedule (DS)

Schedule of Activities	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19
I. Project Initiation and Mobilization	■	■	■	■															
II. Importation and Delivery of Imported major components to project sites		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
III. Installation and Configuration of Communication Equipment (Repeaters, Fixed-base, Mobile and Portable Radio), Testing and Users Orientation																■	■	■	■
IV. Network Mgt System Configuration and Testing																			■
V. Users Training																			■
VI. Testing and Inspection																			■
VII. Monitoring and Control Management		■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
VIII. Close out																			■

VII. Requirements

A. General Requirements

1	lot	Supply, Delivery, Installation, Configuration, Integration and Testing of Digital Radio Communications and Dispatch System
		6 Sets Digital Radio Repeater Stations
		37 Sets Digital two-way Fixed Base Radio Stations
		48 Sets Digital two-way Fixed Mobile Base Radio Stations
		303 Sets Digital two-way Portable Radio Equipment

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		1	lot	Dispatch System
		1	lot	Network Management System
		1	lot	Administrative and Engineering Services
		1	lot	Training
		1	lot	Warranty and Aftersales Support

Systems Major Components (Must be of the same brand except for accessories labeled as the third party)

B. System Features Requirements (Digital Radio System). Bidder shall submit undertaking to comply with the following system features included in Technical Specifications of this Terms of Reference;

- Shall be able to integrate with BJMP National Headquarters digital communications system thru voice and/or data communication;
- All system components shall be open standard;
- All system components shall be operationally plug and play;
- Antenna systems for Repeater and Fixed Based Radio Stations must have lightning protection;
- Must have built-in GPS and man-down features;
- All hardware shall be DMR trunking ready;
- Shall be capable of remote management, maintenance, monitoring and configuration and related reports generation;
- Shall support integration with Regional dispatch systems;
- Shall support integration and collaboration with JSIOC and/or Regional JSIOC;
- Wider coverage conventional communications system, supports sending broadcast message in case of emergency;
- Supports connectivity with other frequency band;

C. Detailed Technical Requirements

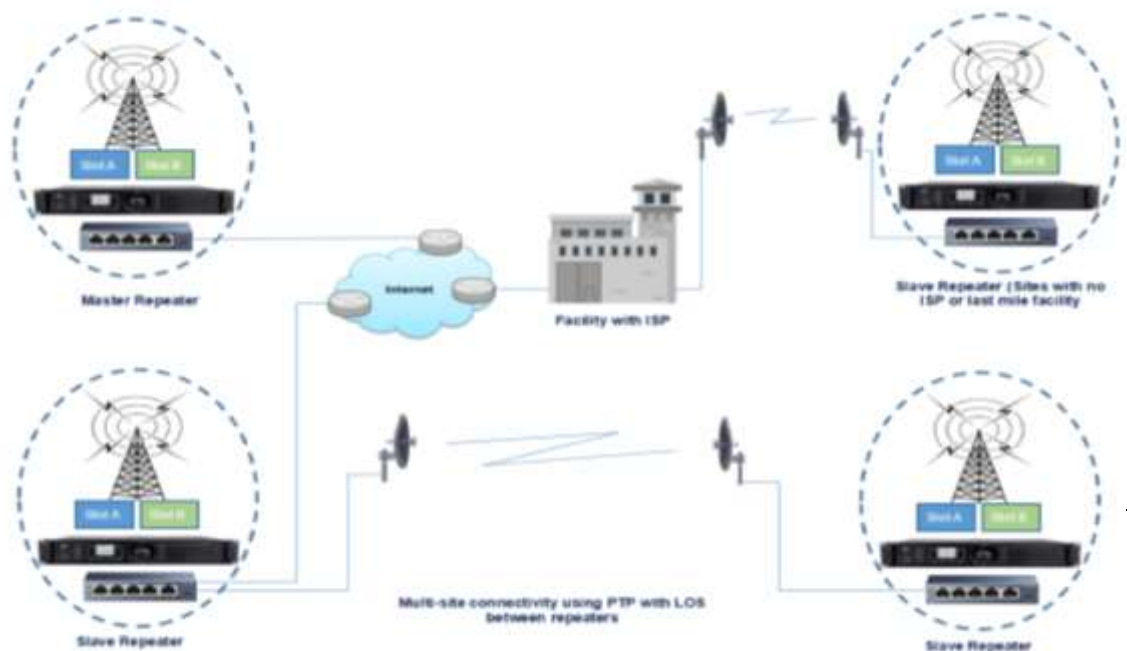


Figure A. General Concept

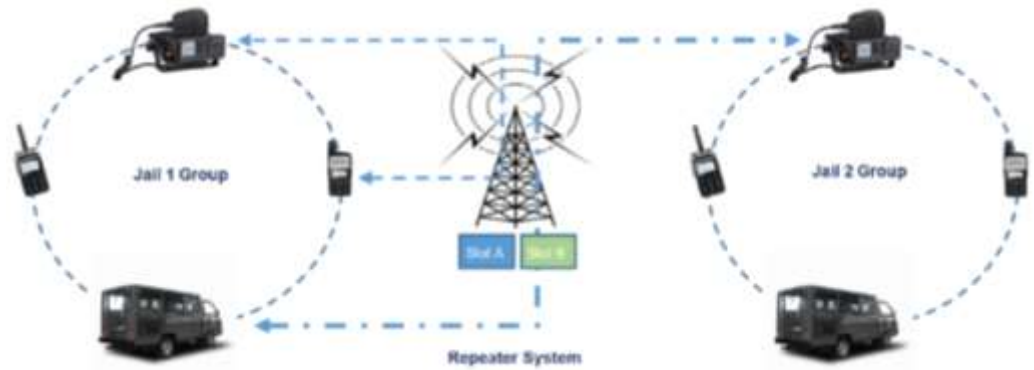


Figure B. Conventional Repeater System

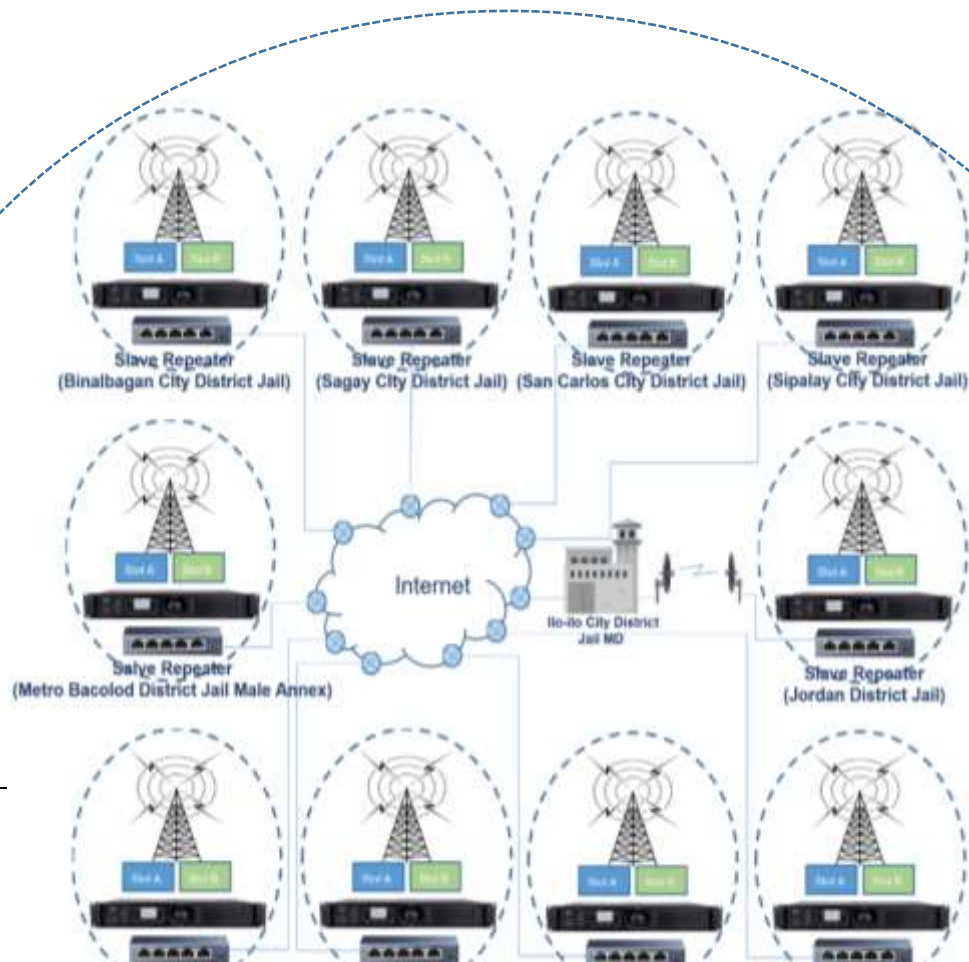
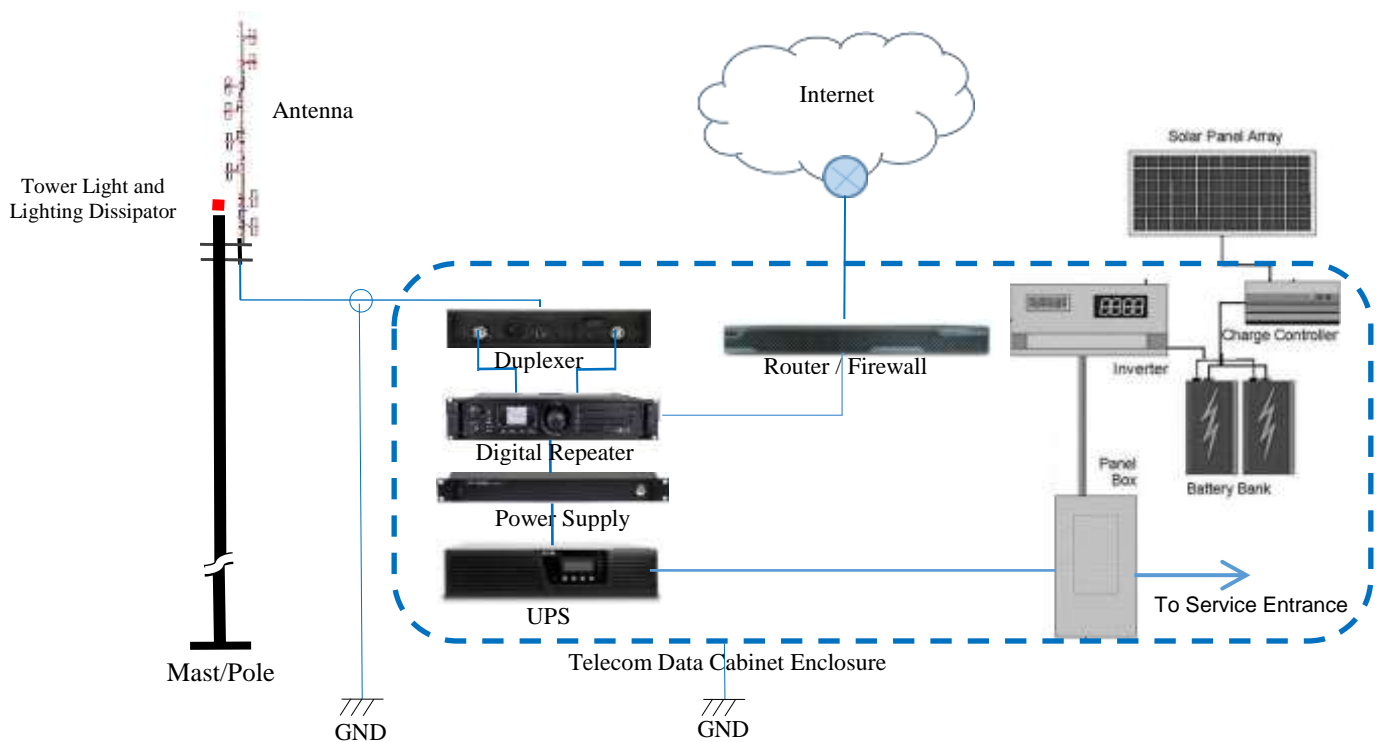


Figure C. Region VII Network Diagram



“Changing Lives, Building a Safer Nation”

Figure D. Typical Single Line Diagram of Digital Repeater Radio Station

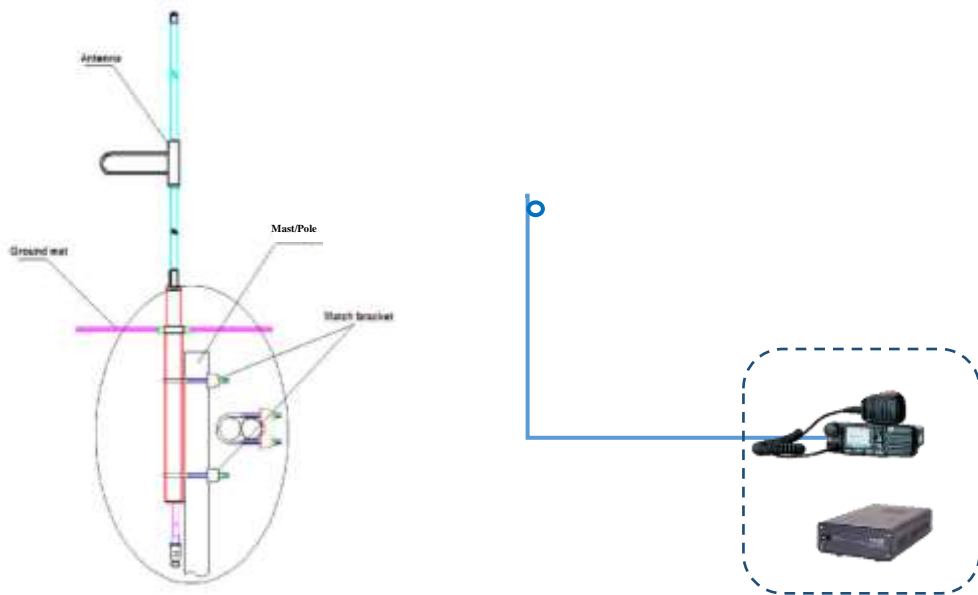


Figure E. Typical Single Line Diagram for Fixed Base Radio Station



Figure F. Typical Single Line Diagram for Mobile Base Radio Station

“Changing Life”



Figure G. Typical Single Line Diagram of NMS for Regional Office

D. 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 Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of the manufacturer’s un-amended sales literature, unconditional statements of specifications 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 Bidders 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.

Item	Description	Minimum / Specific Requirements	Comply (Y/N)	Compliance
I.	Supply, Delivery, Installation, Commissioning and Testing of Jail Service Digital Communications System			

I.1	Digital Repeater Stations			
	a. DMR Repeater			
	● Channel Bandwidth / Spacing	12.5 KHz		
	● Modulation	4FSK		
	● Modulation rate	9.6 kbps		
	● Channel Access Method	TDMA		
	● Channel Capacity	16 Channel		
	● Display Screen	LED or LCD Screen		
	● Operating Frequency Range	350-400 MHz		
	● Operating Temperature	-30°C ~ +60°C		
	● Operating Voltage	13.6V± 15%		
	● Transmitter	Transmit Power: 50 watts		
		Transmit Power Range: At least 50W		
		FM hum and noise: ≤45dB @ 25 kHz		
		Audio distortion: ≤3%		
	● Receiver	Static Sensitivity: 0.3uV/BER5% (Digital)		
		Adjacent Channel Selectivity: ≥70 dB @ 25 kHz TIA-603		
		Spurious Response Rejection: ≥80 dB @ 25 kHz TIA-603		
		Audio Distortion: <-57dBm		
	● Accessories	Programming Kits / Cables and appropriate licenses (1 set for NHQ and 1 set for Regional Office)		
	● Firmware Upgrade	Shall provide access credentials to BJMP on the link for firmware upgrade of communication equipment		
	● Other Features/ Capability and Requirements			
		Must be multi-site IP interconnection and shall support multi-site connectivity via IP of up		

		to 200 repeaters for future expansion		
		Must operate in Direct/Conventional or Digital Trunking Repeater Mode		
		Capable of interconnection to SIP telephony via IP to enable telephone and cellular phone setup private call and group call to radios.		
		The repeater site must function independently or standalone if the link is not possible due to terrain or obstruction or no last-mile facility available		
		Offered digital repeater system shall support interoperability with existing analog radio		
		Support Digital/Analog modes		
		Support TDMA Technology		
		Repeater diagnostic and control capable		
		Analog/Digital auto-switching		
		Support Analog/Digital Telephone Interconnect		
		Support Analog Scan		
		Including Trunking Ready with License, AES 256-bit Encryption, IPconnect License, SAP/Integration License, and NTC Licenses		
	<ul style="list-style-type: none"> Product Markings 	Shall bear a visible permanent marking carrying the word "BJMP PROPERTY", with BJMP logo of a contrast color conspicuously located on the outer shelf on the top of the system components to be supplied		
	b. Repeater Power Supply	Type: Switching		
		Input: 220 VAC, 60 Hz		
		Output: 13.8 VDC		
		Protection: Protection against polarity reverse and over-discharged		
		Rated output current: ≥ 16 amperes		
		Features: With battery charging and auto-revert		

	c. Uninterruptible Power Supply (UPS)	Rated Voltage: 230 / 400VAC single-phase		
		Input Voltage Range: Single-phase, 120VAC(min) to 265VAC(max)		
		Input Power Factor: Single-phase ≥ 0.99 / 3-phase ≥ 0.95 or better		
		Output Rated Power: 6KVA and at least 4800W / 3KVA and at least 2400W		
		Output Rated Voltage: Single-phase, 220/230/240VAC		
		Half Load Runtime at least 20 mins		
		Output Waveform: Pure Sine Wave		
		Battery Type: Sealed or non-spillage, maintenance-free lead-acid battery		
		Form Factor: Rackmount or rail kit		
		Communication and Management Port: RJ45 10/100 Base-T, includes Monitoring / Management Software and shall be connected to the network		
		With Surge Suppression		
	d. Complete Backup Power System			
		must be other sources of power from existing power system		
		With at least 1000W output power		
		Off grid-hybrid (auto-switching from the main power system to solar-powered system)		
		Includes battery systems in at least three (3) hours		
		With LED indicators or equivalent		
		With Lightning protection and shall be connected the grounding system		
		Includes operation manual and design		
	e. Duplexer			
	<ul style="list-style-type: none"> Operating Frequency 	350 – 400MHz		

	• Isolation	≥ 20 dB		
	• Impedance	50 Ohms		
	• Connector	N-type		
	f. Groundings System			
	• General Grounding	A single point ground system shall be used on all equipment such that all equipment and connections are maintained at the same potential.		
		All I/O and long-distance lines must be surge-protected		
		Including Lightning Arrester, Bass bar with accessories, and beacon light		
	• Exterior Grounding:	The exterior grounding system, consisting of ground rods should be designed to meet the standard ground resistance.		
		A lightning rod should be installed atop the antenna tower and connected to the exterior grounding system by a suitable stranded copper wire		
		The ground rods should be copper-clad steel bars at least 5/8 inch in diameter and at least 5 feet long.		
		All radio transmission cables (co-axial, CAT-5e, etc) on the antenna towers should be grounded to the antenna tower at least two points.		
		grounding wire with at least AWG# 8		
	g. Antenna Systems			
	• Antenna	Type: 8 folded dipoles antenna, machine-manufactured, High Gain directional antenna		
		Input Transmit Power: ≥50 watts		
		Radiation Pattern: Omni-directional		
		Gain: at least 9 dBi or 7dBd		
		Impedance: 50 ohms		
		With at least 80 feet high of monopole antenna mast		
	• Cables	Type: RG8 (low loss)		
		Impedance: 50 ohms		

		Connectors: N-type		
	h. Firewall/Router			
		At least 4 x Gigabit port (1GE, 1SFP WAN, 2GE LAN/WAN, 4G LTE)		
		At least 3 years subscription for Application signature service license		
		At least 3 years subscription for IPS signature service license		
		Web cache		
		Allows devices to connect VPN through at least IPsec and SSL VPN including required licenses		
		4G-LTE Magnetic mount antenna with at least 5m extension cable with Sim card and load for one (1) year		
	i. Telecom Data Enclosure			
	• Make	Custom Built Fabrication or Branded		
	• Type	Assembly or welded type, outdoor enclosure		
	• Materials	Stainless Steel or Aluminum Construction		
	• Finish	Preferably light grey color powdered coated finish		
	• Form Factor	20 RU with 19-inch adjustable equipment mounting rails		
	• Gland Plate	Removable gland plate for cable entry		
	• Lock	Vandal-resistant locking system		
	• Thermal Management	Thermostatically controlled roof-mounted fan		
	• Accessories	Rack-mountable Power Distribution Unit with at least 12 compatible outlets or depends on the number of powered devices whichever is higher ; Dummy Plate cover for unused rack space		
	j. 6ft/42RU Data Cabinet (Regional Office)			
		Branded or Fabricated (Preferably Locally Fabricated)		
		Fixed / Assembly Type frame		
		Must be closed type data cabinet (6ft /42RU Data Cabinet)		

		19" standard opening system (600mm x 1070mm)		
		With auto lighting Mechanism Once Opened (Front or Back)		
		Plexiglass / Perforated front/back door with lock key		
		Detachable side panel with lock and proper ventilation		
		With vertical power strip 14 outlets, 3 prong 220v, 20amps fuse capacity		
		With at least 4 pcs exhaust fans at the top panel		
		Must be black Power coated;		
		Includes at least 50 sets of Cage Nuts; Horizontal and Vertical Cable Manager with removable cover		
I.2	Digital Two-way Fixed Base and Mobile Radio Stations			
	● Frequency Range	350-400 MHz		
	● Channel Capacity	1000 Channel		
	● Channel Spacing / Bandwidth	12.5 KHz		
	● Modulation	4FSK		
	● Operating Voltage	13.6V± 15%		
	● Frequency Stability	± 2.0 ppm or better		
	● Channel Access Method	TDMA		
	● Modulation Rate	9.6 kbps		
	● Operation Mode	Direct, Conventional or Digital Trunking Mode		
	● Operating Temperature	-30°C~+60°C		
	● Display	LED or LCD display		
	● Ingress Water / Dust Protection	IP 54 or better		
	● American Military Standards (AMS)	MIL-STD-810 C/ D/E/ F /G		
	● GPS			
	● TTFF (Cold Start)	<1 minute		

	• TTFF (Hot Start)	<10 seconds		
	• Accuracy	<10 meters		
	• Receiver			
	• Analog Sensitivity	0.3µV (12dB SINAD)		
	• Digital Sensitivity	0.3uV/BER5%		
	• Hum and Noise	40dB@12.5KHz		
	• Rated Audio Power Output	3W (Internal @20 Ohm load) 7.5W (External @ 8 Ohm load)		
	• Rated Audio Distortion	≤3%		
	• Conducted Spurious Emission	<-57dBm		
	• Transmitter			
	• Power Output:	5 Watts to 45 Watts		
	• FM Modulation:	11K0F3E @ 12.5KHz		
	• Digital Modulation:	12.5KHz Data & Voice K60FXW		
	• Radiated Emission:	-36dBm<1GHz		
	• Audio Response:	+1~.3dB		
	• Audio Distortion:	≤3%		
	• Digital Vocoder Type:	AMBE++ or AMBE+2		
	• Accessories	Palm microphone with keypad		
		Mounting Bracket (if applicable)		
		Fixed-base station enclosure		
		Power Cable		
		24V to 12V DC/DC Converter (for mobile only)		
		a total of 2 sets of mobile base radio Programming kits for NHQ (1) and Region7(1) a total of 2 sets of fixed base radio Programming kits for NHQ (1) and Region7(1)		
	• Product Markings	Shall bear a visible permanent marking carrying the word "BJMP PROPERTY", with BJMP logo of a contrast color conspicuously		

		located on the outer shelf on the top of the system components to be supplied		
	<ul style="list-style-type: none"> ● Power Supply <i>(For Fixed Base Only)</i> 			
	<ul style="list-style-type: none"> ● Type 	Switching		
	<ul style="list-style-type: none"> ● Input 	220VAC, 60Hz		
	<ul style="list-style-type: none"> ● Output 	13.8VDC		
	<ul style="list-style-type: none"> ● Protection 	Polarity Reverse and Over discharge Protection		
	<ul style="list-style-type: none"> ● Rated Output Current 	≥16 amperes		
	<ul style="list-style-type: none"> ● Features 	With battery charging and auto-revert; desktop enclosure for radio and power supply		
	<ul style="list-style-type: none"> ● Antenna and Cables 			
	<ul style="list-style-type: none"> ● For Fixed Base Radio 			
	<ul style="list-style-type: none"> ○ Type 	Aluminum Alloy or Fiber Glass		
	<ul style="list-style-type: none"> ○ Radiation Pattern 	Omnidirectional		
	<ul style="list-style-type: none"> ○ Gain 	6.5 dBi		
	<ul style="list-style-type: none"> ○ Impedance 	50 ohms		
	<ul style="list-style-type: none"> ○ 	Monopole antenna mast at 40 ft to 60 ft		
	<ul style="list-style-type: none"> ● For Mobile Radio 			
	<ul style="list-style-type: none"> ○ Type 	5/8 wavelength		
	<ul style="list-style-type: none"> ○ Freq Range 	350 to 400 MHz		
	<ul style="list-style-type: none"> ○ Gain 	≥ 3.5 dBi		
	<ul style="list-style-type: none"> ○ Radiation Pattern 	Omnidirectional		
	<ul style="list-style-type: none"> ● Cables & Connectors 	Type: RG-8, low-loss		
		Impedance: 50 ohms		
		Connectors: N-type		
	<ul style="list-style-type: none"> ● Accessories 	Includes Surge/Lightning Protection (Fixed-base); Mounting Kits; Cables; and Magnetic mount (Mobilebase)		

	<ul style="list-style-type: none"> Firmware Upgrade 	Shall provide access credentials to BJMP on the link for firmware upgrade of communication equipment		
	<ul style="list-style-type: none"> Groundings System 			
	<ul style="list-style-type: none"> General Grounding 	A single point ground system shall be used on all equipment such that all equipment and connections are maintained at the same potential.		
		All I/O and long-distance lines must be surge-protected		
		Include a lightning arrester, and grounding wire with at least AWG#8		
	<ul style="list-style-type: none"> Exterior Grounding 	The exterior grounding system, consisting of ground rods should be designed to meet the standard grounding resistance.		
		A lightning rod should be installed atop the antenna tower and connected to the exterior grounding system by a suitable stranded copper wire		
		The ground rods should be copper-clad steel bars at least 5/8 inch in diameter and at least 5 feet long.		
		All radio transmission cables (coaxial, CAT-5e, etc) on the antenna towers should be grounded to the antenna tower in at least two points.		
	<ul style="list-style-type: none"> Features/Functions and Other Requirements 	Radio terminals shall be capable to transmit alias and GPS during voice transmission		
		Radio terminals shall be able to locate transmitting radios in direct mode and repeater mode for quick response		
		Support tracked based on-time interval and distance moved on dispatch system		
		Standard DMR Trunking ready		
		Including Trunking License, AES 256-bit Encryption, and NTC Licenses		
I.3	Digital Two-way Portable Radio Terminal			
	<ul style="list-style-type: none"> Frequency Range 	350-400 MHz		

	● Operation	Direct, Conventional or Digital Trunking Mode		
	● Channel Capacity	1000		
	● Channel Bandwidth or Spacing	12.5 KHz		
	● Modulation	4FSK		
	● Channel Access	TDMA		
	● Frequency Stability	≤ 1.5 ppm		
	● Operating Temperature			
	● Sealing	IP 67 or better		
	● AMS	MIL-STD-810C/D/E/F/G		
	● GPS	Built-in GPS Module		
	● Alarm	Built-in Vibrate Alert or Equivalent		
	● Color	Preferably black or dark tone color		
	● Battery	At least 1800 mAH (Li-ion) or at least 2500 mAH (NiMH)		
	● Receiver			
	● Sensitivity	0.3μV Digital BER 5%		
	● Spurious Rejection	70 dB @ 12.5 KHz		
	● Intermodulation	65 dB @ 12.5 KHz ETSI		
	● Transmitter			
	● Power Output	At least 3.5W		
	● FM Hum and Noise	40 dB @ 12.5 KHz		
	● Radiated Emission	-36dBm <1GHz		
	● Audio Distortion	≤3%		
	● Digital Vocoder Type	AMBE++ or AMBE +2		
	● Product Markings	Shall bear a visible permanent marking carrying the word “BJMP PROPERTY”, with BJMP logo of a contrast color conspicuously located on the outer shelf on the top of the system components to be supplied		

	<ul style="list-style-type: none"> Accessories 	Mobile Antenna; 220VAC fast desktop charger; Belt clip and Extra Battery Pack in every 1 unit of portable radio; Programming Kits / Cables and appropriate licenses (1 set for NHQ and 1 set for Regional Office);		
	<ul style="list-style-type: none"> Firmware Upgrade 	Shall provide access credentials to BJMP on link for firmware upgrade of communication equipment		
	<ul style="list-style-type: none"> Features/Functions and Other Requirements 	Radio terminals shall be capable to transmit alias and GPS during voice transmission		
		Radios terminals shall be able to locate transmitting radios in direct mode and repeater mode for quick response		
		Able to track the location of transmitting radio during a call periodically		
		Built-in mandown		
		Including Trunking Ready with License, AES 256-bit Encryption, and NTC Licenses		
I.4	Software			
	<ul style="list-style-type: none"> Desktop / Server Computer 	Will be supplied/provided by the BJMP with the following system to be installed		
	<ul style="list-style-type: none"> Dispatch System 	<p>Voice Communications Management + Voice Recording GPS Positioning Text Messages Telemetry In / Out Support Group and Personal calls, Remote Monitoring GeoFencing and Speed Control Event Logging, Reporting Data Export Services History Tracking</p> <p>Other Features Full Monitoring: Voice, GPS, Text Messages, Telemetry, Data. Access to the Radio</p>		
	<ul style="list-style-type: none"> NMS System 	<ul style="list-style-type: none"> Must be compatible with BJMP supplied hardware/server or 		

		<p>any brands of desktop/server computer with minimum specifications indicated;</p> <ul style="list-style-type: none"> • Shall support monitoring, managing, maintaining, and report generation repeater network which includes but not limited to the following routers, switches, servers, ups, and other networkable devices. 		
I.5	Training			
		On-site users' orientation shall be conducted right after the installation completion		
		<p>At least two (2) day Regional users training includes the following:</p> <ol style="list-style-type: none"> a. Food and Training Venue b. Training Materials and Certificates c. Training Outline and After Training Reports d. Government Radio Operator Training and Certification 		
		At least one (1) day of technical training shall be conducted to selected Regional JSIOC, RICTMD, JSIOC, Directorate for Operations (DO), and Directorate for Information and Communications Technology Management (DICTM) on system maintenance (Expense in food, materials, and venue shall be borne by the bidder)		
		Separate technical training maybe be offered/conducted subject to the approval of BJMP or the Director for ICT Management, as the case may be, in a schedule, venue, number of days, and participants from RICTM, JSIOC, DO and DICTM (All expenses relative to the said training shall be borne by the Bidder)		

I.6 Warranty and After Sales Support				
		All workmanship, materials, and equipment shall be warranted by the supplier for a period of three (3) years after the date of final acceptance. This covers parts and labor during the warranty period at no cost to the customer.		
		<p>The warranty shall include the following:</p> <ul style="list-style-type: none"> ● Immediate replacement of the defective item/s, in any case of malfunction during the warranty period. ● Technical assistance as requested by the end-users regarding the installed items. ● Provision for a spare unit within 48 hours upon notification while a defective item is undergoing repair. ● Repair of defective items shall be permitted provided that the repaired item meets the original specifications. ● Equipment within the warranty period that is not repaired within one (1) month shall be replaced with a brand-new unit; 		
		Spare parts must be readily available for at least five (5) years after completion of installation.		
		At least three (3) times a year comprehensive preventive maintenance services shall be provided for the offered solution within the warranty period.		
		Escalation procedure must be in accordance with BJMP Repair and Maintenance of ICT assets		
		The bidder/supplier/manufacture shall have at least one (1) service center in Metro Manila and preferably, one (1) service center in project geographic location with duly qualified and certified		

		technicians capable of providing maintenance, repair, testing, and other after-sales services activities/transactions.		
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VIII. Bidders Qualification

1. Bidder/s must have at least five (5) years of similar experience on project/lot to bid;
2. Bidders who are not manufacturers shall provide the latest Certified True Copy of Certificate of Distributorship/Dealership and authority to support the particular brand(s) specific to this project/lot;
3. Bidders must submit a Manufacturer's authority to bid and after-sales support for the equipment being offered or the Distributor's certificate/authority provided that the distributor shall have a Manufacturer's authority to supply and provide after-sales support to each dealer/partner.
4. Bidder shall possess a valid Radio Dealers Permit and shall provide available Service Center duly registered by National Telecommunications Commission (NTC);
5. Bidders shall provide a certified true copy of the test report from an authorized testing laboratory that the unit has undergone Low-Pressure Test, High and Low-Temperature Test, Temperature Shock and Vibration Test, Humidity, and Blowing Dust Test and Shock (Functional/Basic), and Drop Test based on MIL-STD.
6. Bidders shall provide a Certified Copy of Certificate of Interoperability (IOP) for Tier II and Tier III issued by the DMR association to ensure that the brand offered is compatible/interoperable with other DMR systems;
7. Bidders shall secure and provide NTC Certified True Copy of Approval or Type Acceptance Certificate of Radio Communication Equipment from their respective manufacturer of the brand being offered, specific to this project.
8. Bidders must submit a Certified True Copy of third party certification that the manufacturer's brand being offered is at least ten (10) years in existence in the Philippine Market.
9. Bidders must possess the technical and financial capability and at least three (3) of the Technical Support Team have undergone the local/international training of the brand being offered by the manufacturer's technical experts/engineer required for the project. Provided, however; for local training, prospective bidders must submit proof of document that the, said experts conducted training, otherwise, documents of all support teams who attended the same.

10. Bidders must submit any proof of deployed DMR Digital Repeater System in the Philippine Market at least 50% of the project cost to be bid.
11. Bidders shall provide a Certificate of Employment for a total period of one (1) year indicating list related Radio System Projects designed or supervised, PRC ID and Professional Tax Receipt (PTR) of its in-house Professional Electronics Engineer (PECE) and Electronics Engineer (ECE) employed in full-time positions and to be designated as Design Engineer and Project Engineer in-charge, respectively. *(Note: Designated Design Engineer and Project Engineer In-charge shall not be changed without approval of the BJMP)*
12. Bidders shall provide a Certificate of Employment with a list of at least 3 ICT projects handled as Project Manager (PM) for the past 5 years and a Certificate of Project Management Training or Course showing as proof of qualification of PM to be designated for this project. *(Note: PM designated for the project shall not be changed without approval of the BJMP)*
13. Bidders shall provide Certificate of Employment Safety Officers employed in a full-time position with their company;
14. Bidders must have a minimum number of five (5) key personnel required to man the project. Must submit Certificate of Employment and Certified Copy of Company's ID Card.
15. Bidders shall submit undertaking of its Installation Teams NBI Clearance or PNP clearance prior to the project implementation together with Certificate of Employment and Certified Copy of Company's ID Card.

No	Description	Requirement	Total
1	Project Manager	1	1
2	Project Engineer-In-Charge	1	1
3	Technical Support*	1	1
4	2 Installation Teams Composed of following		
	1 Radio Engineer	1	2
	1 Technical Lead	1	2
	3 Installers *	3	6
	TOTAL		13

** Outsourcing through job-order is allowed*

IX. Requirement for Lowest Calculated Bidder

Presentation of at least one (1) of the major component of the same model being offered either brand new or sold to a client, showing its particular features/functionalities and markings.

X. Post Qualification

Table evaluation of submitted brochure and evidence shall be conducted by the Bids and Awards Committee (BAC) with the assistance of the Technical Working Group (TWG) of the project.

XI. Technical Inspection

1. Criteria for Test and Inspection shall be agreed upon and form part of the Project Management Plan (PMP) to be discussed during the kick-off meeting where the winning bidder shall propose or offer its testing and inspection procedure without prejudice to the existing procedures conducted by the BJMP Technical Inspection and Acceptance Committee (TIAC).
2. The Test and Inspection plan shall include coverage test and conformance of equipment and software to the bid specifications. A copy of the acceptance test result shall be provided with the end-user approval and shall form part of the acceptance and completion certification.
3. Schedule of testing and inspection shall be conducted upon completion of the respective delivery site based on the updated timeline by the TIAC and Technical Resource Person.
4. The winning bidder shall rectify/restore any findings found during the inspection within twenty (20) calendar days upon receipt of the notice/letter of findings from the procurement office.
5. Final acceptance shall be upon the completion of the whole project.

XII. Certifications or Unconditional Statement of Compliance

1. The bidder must submit a guarantee letter/affidavit or certification that warrants they shall strictly conform to all the Terms and Conditions of the Term of Reference.
2. The bidder shall configure/program the allocated portable radio system for BJMPRO-CAR with the same frequency and compatibility with the existing trunking system;

3. The bidder shall configure/program the Roxas (BJMPRO-VI) allocated repeater system with the same frequency and compatibility with the existing trunking system of BJMPRO-VI and shall configure/program the allocated radio system for San Carlos (BJMPRO-VI) with the same frequency and compatibility with the existing trunking system of BJMPRO-VI and to BJMPRO-VII;
4. The bidder shall have provision for network connectivity for Regional Office VII Radio Communication Cabinet;
5. The bidder will be responsible for setting up the design and installation of the entire project from start to finish and establishing the operation in accordance with the requirements stated in this document. The technical specifications are the minimum indicative specifications and call for a complete working system and not components thereof.
6. The bidder must submit an Affidavit of Undertaking to adhere to the provision of the approved Project Management Plan;
7. Responsible and accountable for any damages caused solely by the Bidder or its agent to the BJMP premises and its contents as a direct result of the installation, maintenance, and removal of any equipment and network devices.
8. The bidder shall consider the nature and amount of work to be done as well as the difficulties involved in its proper execution. The installation should be carried out by installers with the necessary training and experience. Installers should have the appropriate tools and test equipment necessary to install the project correctly.
9. The bid shall include all costs deemed necessary to cover all contingencies essential to the installation of the specified system.
10. Cleaning and clearing of sites. All debris or waste material shall be immediately removed by the Bidder from BJMP premises with proper coordination with the concerned unit of BJMP;
11. Any cost encountered, which is not specifically itemized in the bid, shall not be incurred unless specifically agreed upon, in writing.
12. No additional compensation will be allowed for extra work incurred on the part of the bidder due to the bidder's failure to notice any existing condition which may cause the additional labor.
13. The bidder shall offer brands/models that have product parts available and serviceable for at least five (5) years after delivery and acceptance.

14. Bid responses shall be concise following the format and numbering of this specification. Items not requiring responses shall be acknowledged by the bidder as being understood.
15. The bidder must provide a compilation of complete actual system configuration procedures with network (physical and logical) diagrams, maintenance, and troubleshooting procedures.
16. The bidder shall have a branch/office in NCR and at least one (1) from in region or adjacent region/s of project implementation;
17. The bidder must submit an Affidavit of Undertaking to conduct at least one (1) hour orientation on the use, operations, configuration, and maintenance in every jail. The proposed solutions to at least 2 jail personnel immediately after the installation. (All expenses relative to the said training shall be borne by the Bidder).
18. The bidder must submit an Affidavit of Undertaking to conduct at least 2 days of Users Training (such as deep learning of system maintenance and operations, minor troubleshooting escalation procedures, and Government Radio Operator training and certificates, as the case may be) for the number of participants indicated in the BOQ. Resource Person / Trainers shall be a subject matter expert (All expenses relative to the said training shall be borne by the bidder);
19. The bidder must submit an Affidavit of Undertaking to conduct Technical Training for the technical staff of the National and Regional Headquarters following but not limited to integration, engineering design, and implementation of Digital Communication System to an appropriate venue of choice (All expenses relative to the said training shall be borne by the bidder);
20. All Training materials and Certificates of Completion shall be provided to trainees by the winning bidders;
21. The bidder must submit Warranty/Guaranty and Service Support Undertaking within the period specified by the TOR;

Project Site Location

REGION – VI		
NAME OF JAIL	COMPLETE OFFICE ADDRESS/LOCATION	COORDINATES

BJMPRO-VI		
San Carlos City District Jail	BJMP Compound, Gustilo St., Brgy. III 6127, San Carlos City, Negros Occidental	10.484164,123.423846
Roxas City Jail Repeater 6	Brgy San Jose, Roxas City, Capiz	11.490176,122.741238
REGION VII		
NAME OF JAIL	COMPLETE OFFICE OR JAIL ADDRESS/LOCATION	COORDINATES
BJMPRO-VII	13B M Veloso St., Guadalupe, Cebu City	10.3173,123.8858
BOHOL PROVINCE		,
Bohol District Jail - Male Dormitory	Cabawan District, Tagbilaran City, Bohol	9.693326000000001,123.9014
Bohol District Jail - Female Dormitory	Bohol District Jail Female Dormitory/ Cabawan District, Tagbilaran City, Bohol	9.693326000000001,123.90149
Carmen District Jail	POBLACION SUR, CARMEN, BOHOL	9.820741234816717,124.197093973105
Talibon District Jail	San Jose, Talibon, Bohol	10.13903106975361,124.315065622578
Ubay District Jail	CAMAMBUGAN,UBAY,BOHOL	10.056279,124.419958
Tagbilaran City Jail	Cabawan District, Tagbilaran City, Bohol	9.684352984140199,123.89654175328
CEBU PROVINCE		,
Argao District Jail	Binlod, Argao, Cebu	9.907118596387852,123.603446040972
Bantayan District Jail	Ticad, Bantayan, Cebu	11.16506,123.7382
Medellin District Jail - Male Dormitory	Sitio Lurcha, Brgy. Caputatan Sur, Medellin, Cebu	11.132609,123.983299
Medellin District Jail - Female Dormitory	Sitio Lurcha, Brgy. Caputatan Sur, Medellin Cebu	11.132609,123.983299
Bogo City Jail	Bogo City Jail, Cantecson, Gairan, Bogo City, Cebu	11.0582,124.0115
Carcar City Jail	Takdog, Poblacion 3, Carcar City, Cebu	10.12234399069303,123.634399635906
Cebu City Jail - Male Dormitory	Upper Kalunasan, Cebu City	10.3352580707008,123.8814038424127
Cebu City Jail - Female Dormitory	Cebu City Jail-Female Dormitory/ Kalunasan, Cebu City	10.33543,123.8816
Danao City Jail - Male Dormitory	Brgy. Dunggoan, Danao City Cebu	10.554914,124.017417

Danao City Jail - Female Dormitory	Brgy. Dunggo-an, Danao City, Cebu	10.55463627759657,1 24.017577322315
Lapu-Lapu City Jail - Male Dormitory	Soong, Mactan, Lapu-Lapu City	10.30148,124.0005
Lapu-Lapu City - Female Dormitory	Soong, Mactan, Lapu-Lapu City	10.30376,124.0005
Mandaue City Jail - Male Dormitory	JM Cineza St Brgy Looc Mandaue City	10.32293,123.9466
Mandaue City Jail - Female Dormitory	Superior Looc, Mandaue City, Cebu	10.32308,123.9466
Naga City Jail - Male Dormitory	Brgy. Naalad ,City of Naga, Cebu	10.20903,123.7594
Naga City Jail - Female Dormitory	Brgy. Naalad, City of Naga	10.20903,123.7594
Talisay City Jail - Male Dormitory	Brgy Maghaway, City of Talisay Cebu	10.27448,123.8121
Talisay City Jail - Female Dormitory	Maghaway, Talisay City, Cebu	10.27448,123.8121
Toledo City Jail - Male Dormitory	Sitio Kabutungan, Barangay Landahan Toledo City, Cebu	10.35513,123.6426
Toledo City Jail - Female Dormitory	Sitio Kabutungan, Brgy. Landahan, Toledo City, Cebu	10.35513,123.6426
Balamban Municipal Jail	Poblacion, Balamban, Cebu	10.48754325727624,1 23.764768766986
Consolacion Municipal Jail	Poblacion Occidental, Consolacion, Cebu	10.37727076624279,1 23.957103744492
Minglanilla Municipal Jail	Tulay,Minglanilla,Cebu	10.23877133241803,1 23.797889430754
NEGROS ORIENTAL PROVINCE		,
Bayawan City District Jail	Cabcabon, Banga, Bayawan City	9.381630499947651,1 22.789191724728
Dumaguete City District Jail - Male Dormitory	Barangay Bajumpandan, Dumaguete City	9.287426,123.2816
Dumaguete City District Jail -Female Dormitory	DCDJ-FD, Brgy. Bajumpandan, Dumaguete City	9.287349336880213,1 23.281748998019
Guihulngan City District Jail	Cadre,Poblacion, Guihulngan City, Negros Oriental	10.13285,123.2766
Manjuyod District Jail	POBLACION, MANJUYOD, NEGROS ORIENTAL	9.678865999999999,1 23.1491

Tanjay City District Jail	SITIO CANDANQUI, BRGY. AZAGRA, TANJAY CITY, NEGROS ORIENTAL	9.467605586905952,1 23.145155171722
Bais City Jail	Brgy. Consolacion Bais City Negros Oriental	9.58623,123.0971
Canlaon City Jail	CANLAON CITY JAIL CANLAON CITY NEGROS ORIENTAL	10.38261098705654,1 23.213170773535
Mabinay Municipal Jail	Poblacion, Mabinay, Negros Oriental	9.735958999999999,1 22.9268
Vallehermoso Municipal Jail	Perdecas Street. Poblacion, Vallehermoso, Negros Oriental	10.33504,123.32701
SIQUIJOR PROVINCE		,
Siquijor District Jail	CAIPILAN, SIQUIJOR, SIQUIJOR	9.203602999999999,1 23.4847
Candijay Repeater 1		9.923053,124.246766
Cebu Repeater 2	Cebu Jail/DICT tower	
Medillin Repeater 3	Sitio Lurcha, Brgy. Caputatan Sur, Medellin, Cebu	11.132609,123.983299
Dumaguete Repeater 4	Barangay Bajumpandan, Dumaguete City	9.287426,123.2816
Minglanilla Repeater 5	Tulay,Minglanilla,Cebu	10.23877133241803,1 23.797889430754

