



TERMS OF REFERENCE (TOR)

**Procurement OF EVACUATION SIGNS AND DISASTER
INFORMATION BOARD**

2024-2025

**DISASTER MITIGATION DIRECTORATE
NATIONAL DISASTER MANAGEMENT AGENCY (BNPB)
JAKARTA, 2024**

TERM OF REFERENCE
Procurement OF EVACUATION SIGNS AND DISASTER INFORMATION
BOARDS
2024-2025

Ministries/Institutions	:	National Disaster Management Agency
Echelon I/II	:	Deputy for Prevention / Directorate of Disaster Mitigation
Program	:	Disaster Resilience
Target Program	:	Increased Prevention Efforts in Disaster Prone Areas
Indicator Performance Program	:	Percentage of districts/cities that implement disaster mitigation efforts
Activity	:	Formulation, and implementation of technical policies on the scope of prevention through disaster mitigation
Target Activity	:	Improved Disaster Mitigation Efforts
Indicator Performance Activity	:	Number of disaster management infrastructure
Details Outputs	:	Signs, Evacuation Boards and Disaster Information
Indicator RO	:	Number of disaster management infrastructure in the form of signs, evacuation boards, and disaster information
Volume RO	:	3,700 (Three Thousand Seven Hundred)
Unit RO	:	Units

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SECTION 1

INTRODUCTION

1.1. BACKGROUND

The issuance of Law No. 24/2007 on Disaster Management in Indonesia marked a significant shift in the approach to disaster management. The previous focus on response was replaced by a more structured, integrated, coordinated, and comprehensive approach. Furthermore, Indonesia has taken a series of structured steps to integrate disaster risk reduction and disaster preparedness into its development plans. This includes the incorporation of these elements into the country's National Long-Term Development Plan (RPJPN) for the period 2005-2025. At the National Coordination Meeting on Disaster Mitigation in February 2019, President Joko Widodo outlined the government's approach to disaster risk management, which is guided by the "6 Directives." These directives prioritize risk information planning and design, increasing disaster awareness and education, and developing early warning systems.

One of the key strategies to achieve this objective is the implementation of the Indonesia Disaster Resilience Initiative Project (IDRIP), which will serve as the foundation for the development of a comprehensive multi-threat disaster early warning system in Indonesia. The IDRIP project will provide program and funding support to the government to increase public awareness and understanding of disaster risks and prepare the central government, local governments, and communities to be better prepared to face disaster threats, especially tsunamis, and earthquakes in areas that have moderate and high potential tsunami risks. Furthermore, the IDRIP project can be regarded as a capacity-building effort that will directly benefit the community in reducing the risk of tsunami disasters.

IDRIP Project implementation consists of 3 components, namely: 1) improved disaster risk governance and disaster preparedness; 2) geophysical warning services; and 3) project management facilitation support. This component of IDRIP activities aligns with the global agreement in 2013 on the development of a people-centered early warning system that will focus on a) strengthening knowledge about disaster risk; b) improving the quality of services for threat monitoring results, providing disaster warning information that is fast, accurate, inclusive, understandable and can be used as a basis for decision making by the general public, government and other stakeholders; and c) increasing disaster response capacity to be able to use disaster risk and early warning information in decision making by the central government, local governments. Similarly, communities must be equipped to comprehend disaster risk and early warning information and to respond to such information by taking disaster risk reduction actions and by evacuating independently.

One of the key strategies to enhance community awareness of risk information and early warning of disasters is to ensure the availability of effective information delivery media.

One such medium is in the form of signage, evacuation boards, and disaster information. Both are designed to provide the community with easily understandable disaster information and facilitate independent evacuation after receiving early warnings from the authorities. Signage indicates the location of the nearest evacuation site and designated evacuation route, to reduce the impact of disasters, particularly tsunamis.

The Procurement of Signs, Evacuation Signs, and Disaster Information activities in supporting IDRIP activities will synergize and interrelate with other sub-component activities, including:

- 1) Preparation of a Disaster Risk Map that includes recommendations for evacuation routes and recommended locations for evacuation direction signs, warning signs, and temporary/final evacuation site signs.
- 2) The contingency plan development and testing activities will identify the availability and use of evacuation routes that have been equipped with evacuation direction signs, information boards, and warning signs during the contingency plan testing.
- 3) Signs, evacuation boards and disaster information will help direct people to be able to evacuate to safer areas when getting early warnings from authorities.
- 4) Signs, evacuation boards, and disaster information also need to synergize with the development of disaster-resilient villages and families, which will use evacuation routes. There is an evacuation plan component that includes the participatory development of evacuation routes and signage. In addition, there are simulation activities or training for residents to conduct self-evaluation.

The Procurement of Evacuation Signs and Disaster Information Boards activity is carried out to support the strengthening of community preparedness response capacity as part of the implementation of the IDRIP Component 1 Project. The implementation of the Procurement of Evacuation Signs and Disaster Information Boards activity is a continuation stage of the implementation of the same activities in 2023. In 2023, 4,500 units of evacuation signs and disaster information boards have been provided and installed in 30 districts/cities targeted by IDRIP Component 1 activities consisting of 3,266 units of evaluation direction signs, 735 units of early warning signs and 499 units of gathering point signs. The implementation of the Provision of Evacuation Signs and Disaster Information Boards activity is based on the consideration of proposals for additional signs from BPBD Kab / City and efforts to improve the specifications of signs, evacuation boards, and disaster information. The Provision of Evacuation Signs and Disaster Information Boards activities implemented in 2024 - 2025 amounted to 3,700 units in villages / sub-districts that have a medium and high risk of tsunami and are included in the location of IDRIP Component 1 target districts/cities.

1.2. LEGAL BASIS

The legal basis for the implementation of the Provision of Signs, Evacuation Boards and Disaster Information activities are:

- 1) The 1945 Constitution;
- 2) Law No. 24 of 2007 concerning Disaster Management;
- 3) Government Regulation No. 21 of 2008 concerning the Implementation of Disaster Management;
- 4) Government Regulation No. 22 of 2008 concerning Disaster Relief Funding and Management;
- 5) Presidential Regulation No. 17 of 2018 concerning Disaster Management in Certain Circumstances;
- 6) Presidential Regulation No. 1 of 2019 concerning the National Disaster Management Agency;
- 7) Government Regulation No. 10 of 2011 concerning Procedures for Procuring Foreign Loans and Receiving Grants;
- 8) Regulation of the Minister of Finance of the Republic of Indonesia No. 105/PMK.05/2013 dated July 26, 2013, on the Mechanism of Budget Implementation for Disaster Management;
- 9) Regulation of the Head of the National Disaster Management Agency No. 3/2016 on the Command System for Disaster Emergency Management
- 10))Regulation of the Head of the National Disaster Management Agency No. 7 of 2015 concerning signs and disaster information boards
- 11) Regulation of the National Disaster Management Agency No. 4 of 2019 on the Organization and Work Procedures of BNPB.
- 12) Loan Agreement between the Government of Indonesia and the World Bank on the Indonesia Disaster Resilience Initiatives Project (IDRIP).

1.3. TARGETS AND BENEFICIARIES

The targets to be achieved in the Procurement of Evacuation Signs and Disaster Information Boards are:

1. The availability of clear information on evacuation routes and safe places to the community in disaster emergencies.
2. The availability of clear and easy-to-understand guidance for the community in escaping to a safe place.
3. The availability of evacuation signs that are placed according to and meet applicable national standards.

The target locations for the Procurement of Evacuation Signs and Disaster Information Boards are 223 villages/sub-districts in 27 districts/cities consisting of IDRIP target villages/sub-districts, villages/sub-districts bordering IDRIP destana, and villages outside destana that have tsunami potential and are still in the same district/city as IDRIP targets. Details of the target locations for the Provision of Evacuation Signs and Disaster Information Boards can be seen in Appendix 1.

Table 1.Target location of the activity Procurement of Evacuation Signs and Disaster Information Boards

No.	District	Number of Signage Procurement Plan (unit)
1	Pandeglang	162
2	Serang	176
3	Kota Bengkulu	97
4	Kota Bandar Lampung	96
5	Lampung Selatan	90
6	Padang Pariaman	92
7	Pesisir Selatan	248
8	Jembrana	42
9	Kulon Progo	140
10	Sukabumi	57
11	Cilacap	403
12	Pacitan	133
13	Lombok Utara	54
14	Kota Mataram	86
15	Alor	72
16	Manggarai Barat	34
17	Kota Jayapura	100
18	Kota Sorong	225
19	Kota Ambon	216
20	Maluku Barat Daya	63
21	Maluku Tengah	257
22	Pulau Morotai	54
23	Donggala	144
24	Kota Palu	175
25	Parigi Moutong	216
26	Kota Bitung	186
27	Minahasa Utara	82
	Total	3700

The beneficiaries of this activity are the local government and village/sub-district communities in the districts/cities mentioned above.

1) Direct beneficiaries

Local governments in the target locations as part of realizing good governance by ensuring and safeguarding public safety, especially in locations with a high level of tsunami disaster risk. As direct beneficiaries, the handover of goods from BNPB to local governments is a vital part of this process.

2) Indirect beneficiaries:

- a. People (both individuals and communities) who are potentially directly affected by a disaster. These community members either live or are present at the time of the disaster. With information coming from signs, evacuation boards, and information boards, the community can reduce the impact that the threat of disaster can cause.
- b. Entrepreneurs who are indirectly affected by a disaster. Communities and businesses in the village are the target of the Destana program whose funding is sourced from IDRIP. The benefits of these 'resilient investments' can be felt from the presence of signs, evacuation boards and disaster information. This great benefit is a mitigation effort in disaster risk reduction.

1.4. PURPOSE AND OBJECTIVES

The purpose of the implementation of the Procurement of Evacuation Signs and Disaster Information Boards activity is the implementation of support for strengthening community response in facing disasters through Component 1 of IDRIP. While the objectives to be achieved are:

- 1) Providing clear and easy-to-understand guidance for the community in escaping to a safe place;
- 2) Providing evacuation signs that are placed according to and meet applicable national standards; and
- 3) The availability of disaster risk information and early warnings that can be understood by the community..

1.5. COST BUDGET PLAN

To carry out the activities of Procurement of Evacuation Signs and Disaster Information Boards will be carried out from 2024 to 2025 with a budget plan of Rp. 12,300,000,000,- (Twelve billion three hundred million rupiah). The source of financing for the activities comes from the World Bank Foreign Loan through the Budget Implementation List (DIPA) at BNPB. The details of the cost budget plan for the Procurement of Evacuation Signs and Disaster Information Boards, are as follows:

- 1) Fiscal Year 2024 with a budget of Rp. 8,610,000,000.00 (Eight billion six hundred ten million rupiah);
- 2) Fiscal Year 2025 with a budget of Rp. 3,690,000,000.00 (Three billion six hundred ninety million rupiah).

SECTION 2 :

SCOPE

1.1. THE SCOPE OF ACTIVITIES

The scope of activities for the Procurement of Evacuation Signs and Disaster Information Boards includes:

1. Sign manufacturing/fabrication
2. Sign shipment
3. Sign installation

3.1. ACTIVITY OUTPUT

The output of the Procurement of Evacuation Signs and Disaster Information Boards activity is the installation of evacuation signs and information boards in medium and high tsunami risk villages/sub-districts by the Decree of the Principal Secretary of BNPB as the Budget User Authority Number 76 of 2024 regarding Grantees of Signs, Evacuation Boards and Disaster Information for Fiscal Year 2024-2025, with the following amounts:

1. 2,586 evacuation direction signs, consisting of 1,300 units of right evacuation direction signs and 1,286 left evacuation direction signs)
2. 766 tsunami warning signs .
3. 348 Evacuation or meeting point signage

1. The three types of signs to be procured above follow technical specifications that refer to the Decree of the Head of BNPB in 2024 regarding technical specifications for signs and disaster information boards in implementing the IDRIP program in fiscal year 2024.

The technical specifications of the signs to be procured are as follows:

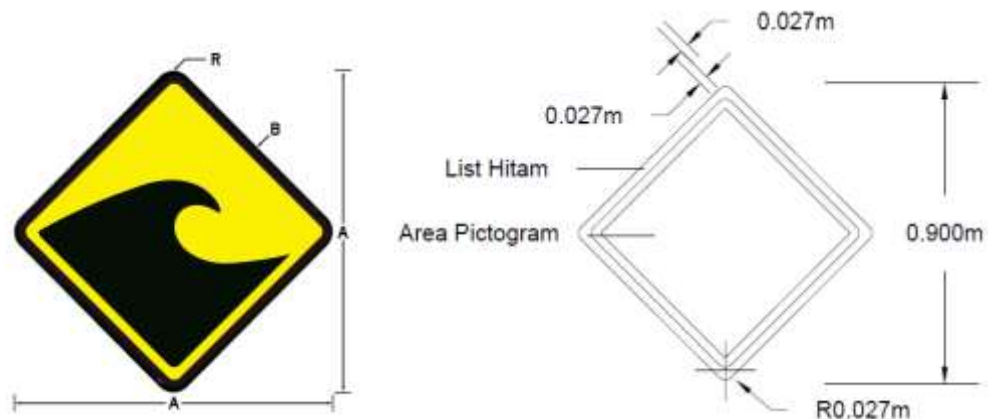
TECHNICAL SPECIFICATIONS

PROCUREMENT OF TSUNAMI SIGNS AND INFORMATION BOARDS

IDRIP 2024-2025

A. Rambu Peringatan

1. Daun Rambu

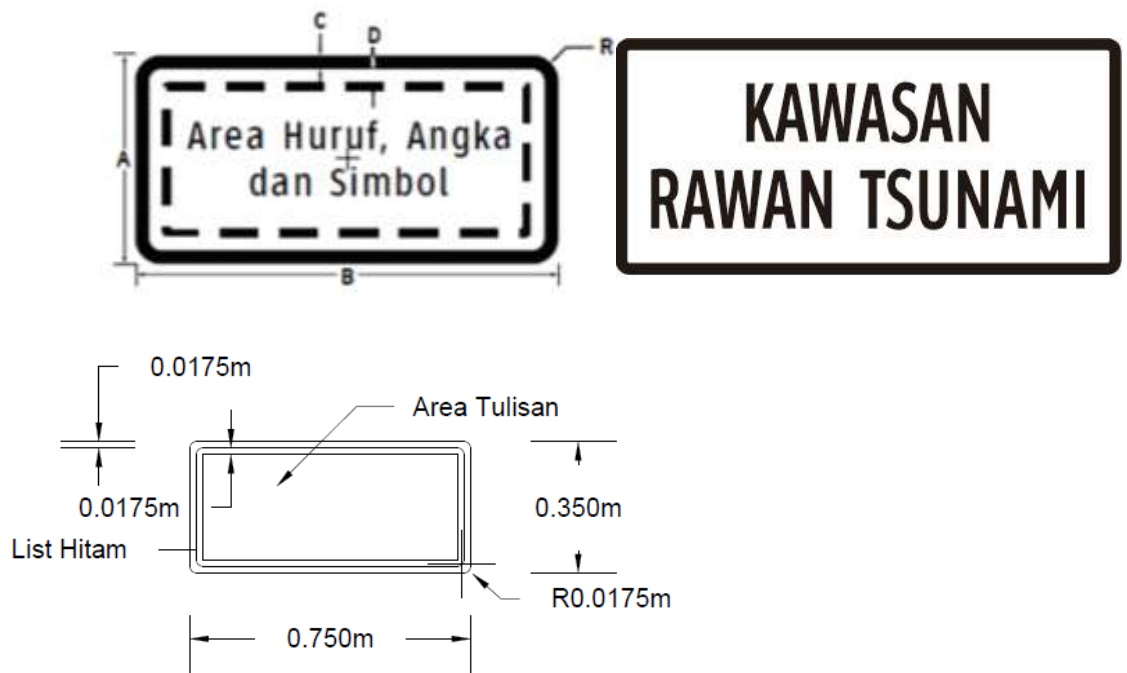


Tsunami

Ukuran (mm)	A	B	R
	900	27	27

- Bahan pelat ACP (Aluminium Composite Panel) ketebalan minimal 2.0 mm termasuk *reflective sheet*
- Reflective sheet* tingkat ASTM Tipe 2 warna kuning
- Ukuran piktogram dimaksimalkan sesuai dengan dimensi area piktogram
- List dan piktogram berwarna hitam dengan aplikasi cat doff oven
- Cutting Sticker* Logo BNPB di bagian depan daun rambu utama dan tahun pembuatan dibagian belakang daun rambu utama

2. Papan Tambahan



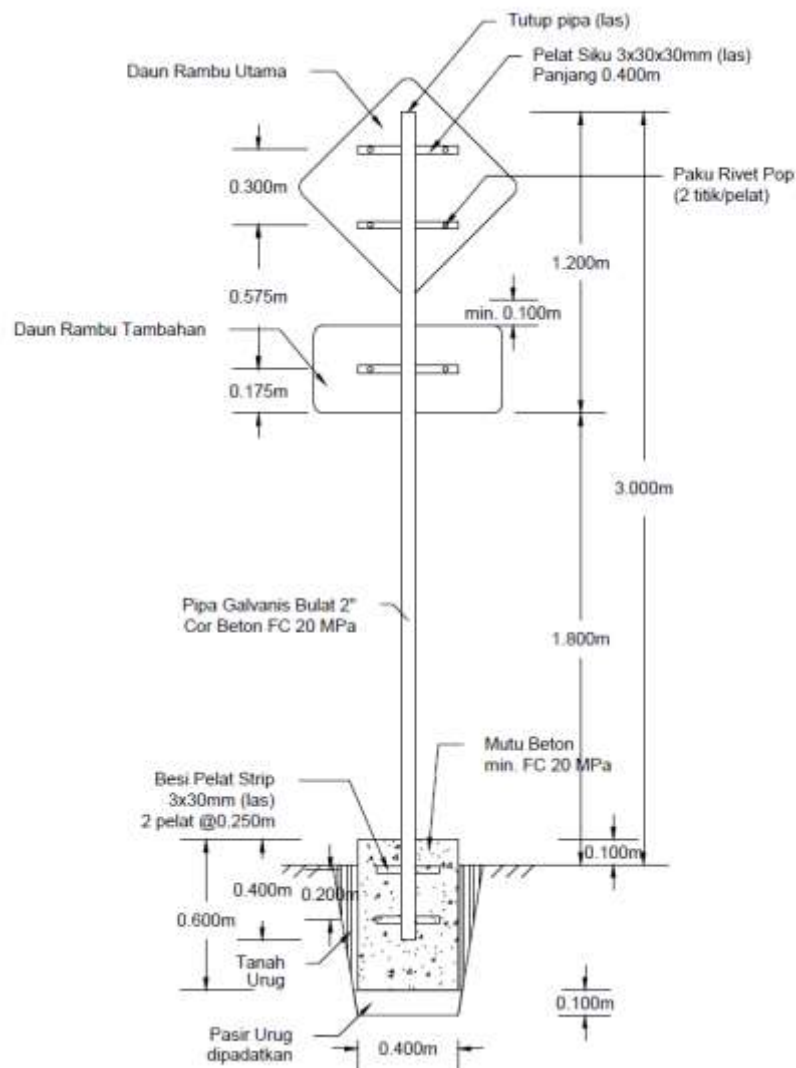
Ukuran (mm)	A	B	C	D	R
	350	750	17.5	17.5	17.5

- Bahan pelat ACP (Alumunium Composite Panel) ketebalan minimal 2.0 mm termasuk *reflective sheet*
- Reflective sheet* tingkat ASTM Tipe 2 warna putih
- Tulisan menggunakan *font Clearview Highway* huruf kapital
- Pengaturan baris tulisan sesuai pada gambar dengan penempatan rata tengah.
- Ukuran *font* pada tulisan dimaksimalkan sesuai dengan dimensi area huruf, angka dan simbol
- List dan tulisan berwarna hitam dengan aplikasi cat doff oven
- Cutting Sticker* tahun pembuatan dibagian belakang daun rambu tambahan

3. Tiang Rambu

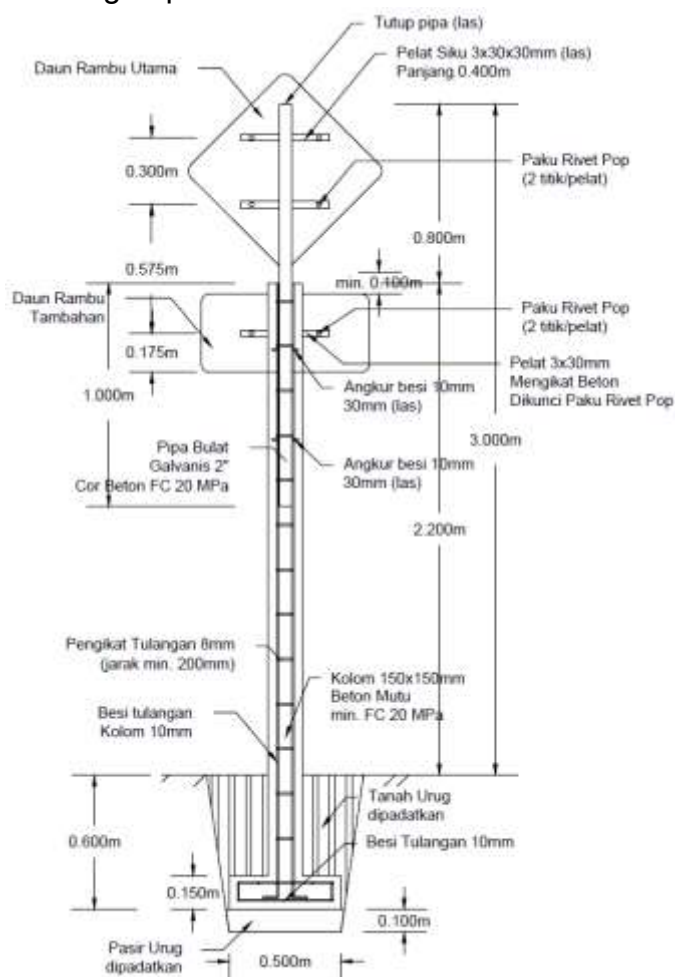
3.1. Bahan Pipa Galvanis

- Pipa galvanis tanpa sambungan dengan diameter minimal 2 *inch* dan ketebalan minimal 2mm di isi cor beton min. mutu FC 20 MPa
- Tutup pipa galvanis berupa bahan sejenis yang dilas
- Dudukan daun rambu berupa besi siku minimal 30x30x3mm dengan panjang minimal 40 cm dilas rapat ke tiang rambu, dengan sisi vertikal tegak lurus daun rambu dan sisi horizontal sejajar daun rambu
- Paku Rivet untuk menempelkan besi siku dengan jumlah minimal 2 buah per pelat
- Angkur pondasi berupa besi pelat strip ukuran minimal 30x3cm dengan panjang minimal 25 cm, berjumlah minimal 2 pelat dilas rapat ke tiang rambu
- Pemotongan, pengelasan, pemboran, penyetelan dan pemasangan pondasi



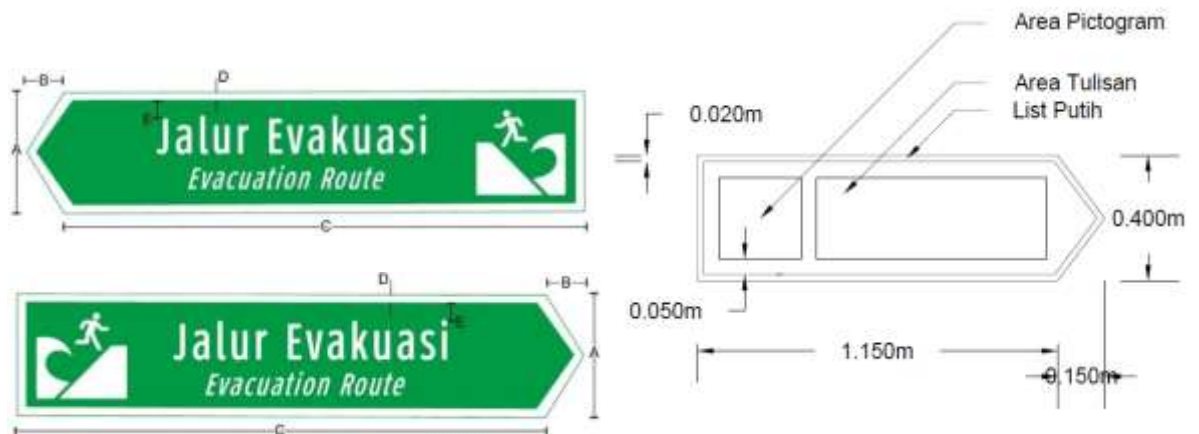
3.2. Bahan Beton

- a. Kolom beton bertulang ukuran minimal 15x15cm dengan mutu beton minimal FC 20 MPa
- b. Besi tulangan kolom minimal 10mm (4 buah) dan besi pengikat tulangan kolom minimal 8mm dengan jarak antar pengikat maksimal 20 cm
- c. Pipa galvanis tanpa sambungan dengan diameter minimal 2 *inch* dan ketebalan minimal 2mm dimasukan ke dalam kolom beton bertulang minimal sedalam 100 cm dari titik tertinggi kolom beton bertulang di isi cor beton min. mutu FC 20 MPa
- d. Dudukan daun rambu berupa besi siku minimal 30x30x3mm dengan panjang minimal 40 cm dilas rapat ke tiang rambu, dengan sisi vertikal tegak lurus daun rambu dan sisi horizontal sejajar daun rambu
- e. Paku Rivet untuk menempelkan besi siku dengan jumlah minimal 2 buah per pelat
- f. Besi siku 30x30x3mm untuk mengikat daun rambu tambahan ke kolom beton dan dikunci Paku Rivet.
- g. Pondasi tapak beton min. mutu FC 20 MPa dengan ukuran tulangan pondasi minimal 10mm (sesuai gambar)
- h. Pemotongan, pengelasan, pemboran, penyetulan dan pemasangan pondasi



B. Rambu Arah Evakuasi

1. Daun Rambu



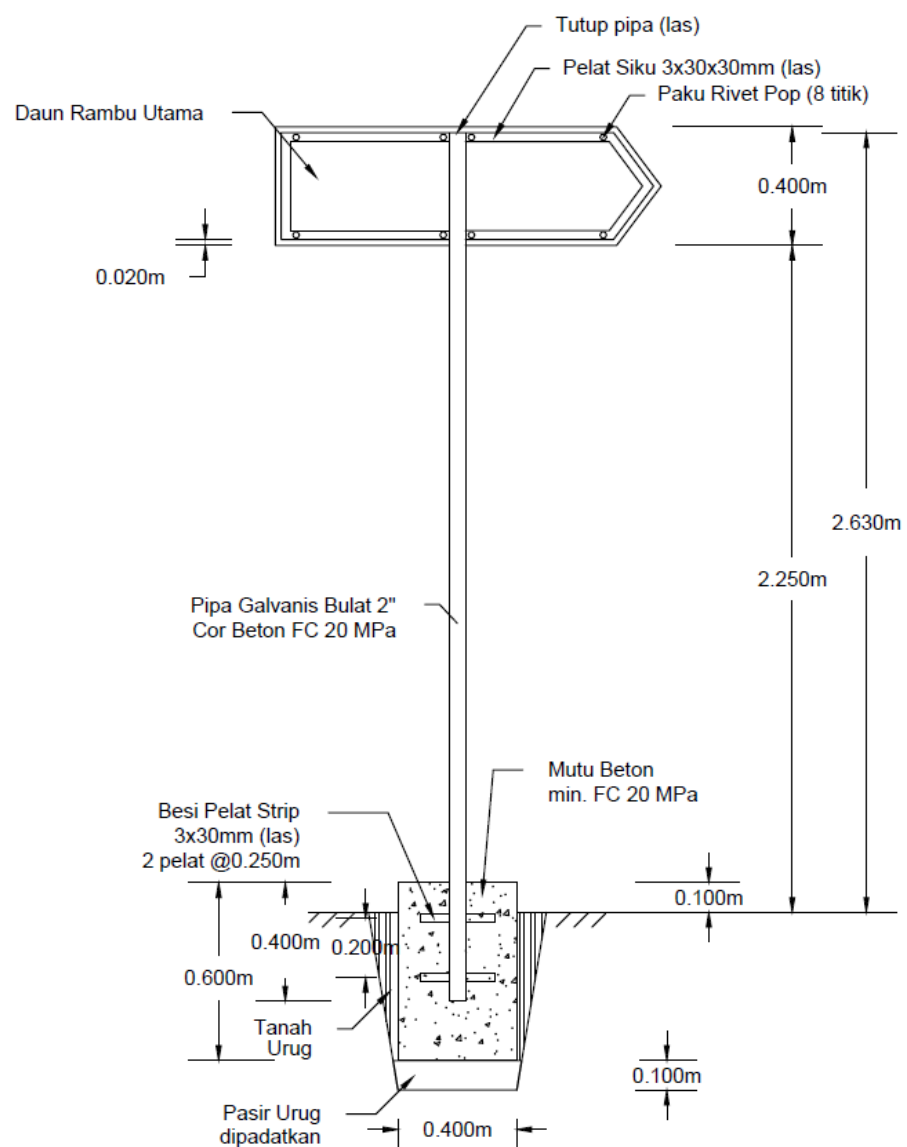
Ukuran (mm)	A	B	C	D	E
	400	150	1150	20	50

- Bahan pelat ACP (Alumunium Composite Panel) ketebalan minimal 2.0 mm termasuk *reflective sheet*
- Reflective sheet* tingkat ASTM Tipe 2 warna hijau
- Tulisan menggunakan *font Clearview Highway*
- Tulisan pada baris pertama "Arah Evakuasi" dan pada baris kedua "*Evacuation Route*" dengan penempatan rata tengah
- Ukuran *font* pada baris pertama dimaksimalkan sesuai dengan dimensi area tulisan, dan ukuran *font* pada baris kedua menggunakan tipe *Italic* sebesar 60% dari ukuran *font* pada baris pertama
- Menggunakan huruf kapital diawal setiap kata
- List, tulisan dan piktogram berwarna putih dengan aplikasi cat doff oven
- Penempatan piktogram mengikuti arah panah daun rambu sesuai gambar
- Cutting Sticker* Logo BNPB, di bagian depan daun rambu utama dan tahun pembuatan dibagian belakang daun rambu utama.

2. Tiang Rambu

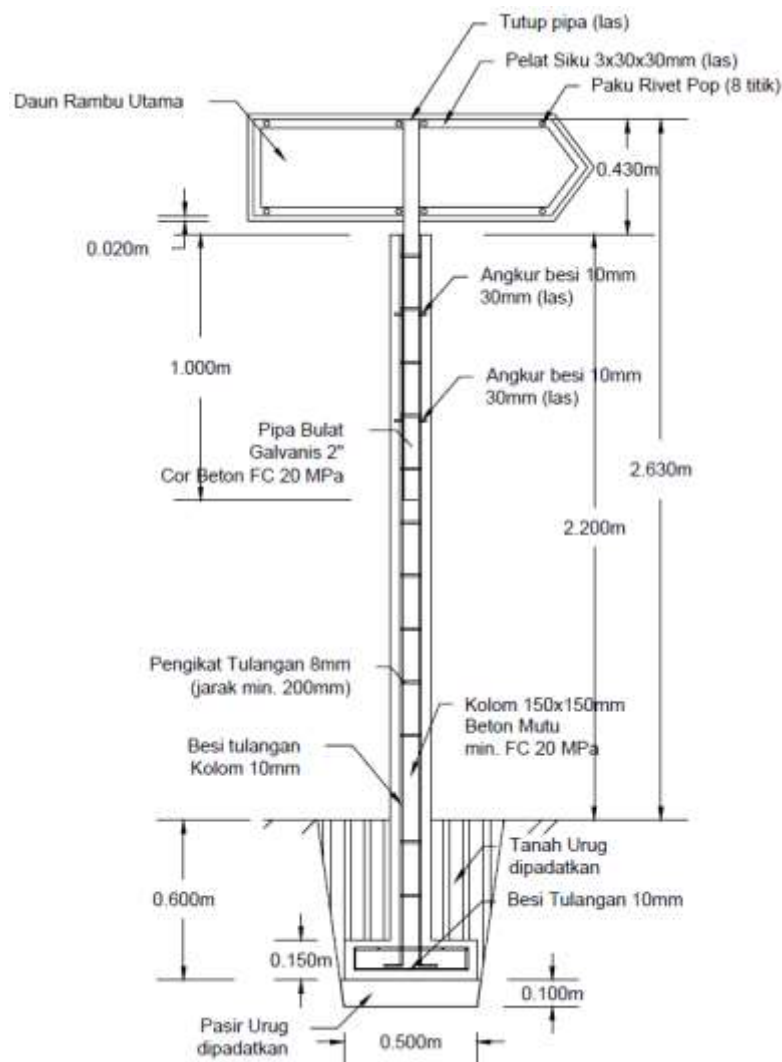
2.1. Bahan Pipa Galvanis

- Pipa galvanis tanpa sambungan dengan diameter minimal 2 inch dan ketebalan minimal 2mm di isi cor beton min. mutu FC 20 MPa
- Tutup pipa galvanis berupa bahan sejenis yang dilas
- Dudukan daun rambu berupa besi siku minimal 30x30x3mm dengan panjang minimal 40 cm dilas rapat ke tiang rambu, dengan sisi vertikal tegak lurus daun rambu dan sisi horizontal sejajar daun rambu
- Paku Rivet untuk menempelkan besi siku dengan jumlah minimal 8 buah
- Angkur pondasi berupa besi pelat strip ukuran minimal 30x3cm dengan panjang minimal 25 cm, berjumlah minimal 2 pelat dilas rapat ke tiang rambu
- Pemotongan, pengelasan, pemboran, penyetelan dan pemasangan pondasi



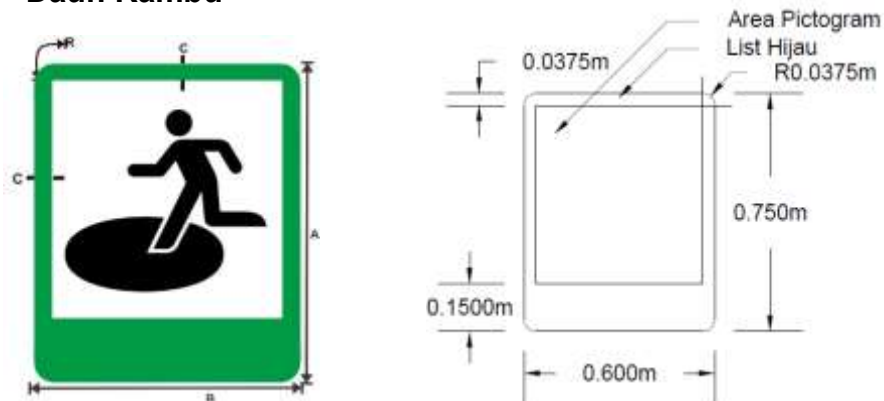
2.2. Bahan Beton

- Kolom beton bertulang ukuran minimal 15x15cm dengan mutu beton minimal FC 20 MPa
- Besi tulangan kolom minimal 10mm (4 buah) dan besi pengikat tulangan kolom minimal 8mm dengan jarak antar pengikat maksimal 20 cm
- Pipa galvanis tanpa sambungan dengan diameter minimal 2 *inch* dan ketebalan minimal 2mm dimasukan ke dalam kolom beton bertulang minimal sedalam 100 cm dari titik tertinggi kolom beton bertulang di isi cor beton min. mutu FC 20 MPa
- Dudukan daun rambu berupa besi siku minimal 30x30x3mm dengan panjang minimal 40 cm dilas rapat ke tiang rambu, dengan sisi vertikal tegak lurus daun rambu dan sisi horizontal sejajar daun rambu
- Paku Rivet untuk menempelkan besi siku dengan jumlah minimal 8 buah
- Pondasi tapak beton min. mutu FC 20 MPa dengan ukuran tulangan pondasi minimal 10mm (sesuai gambar)
- Pemotongan, pengelasan, pemboran, penyetelan dan pemasangan pondasi



C. Rambu Tempat Evakuasi

1. Daun Rambu



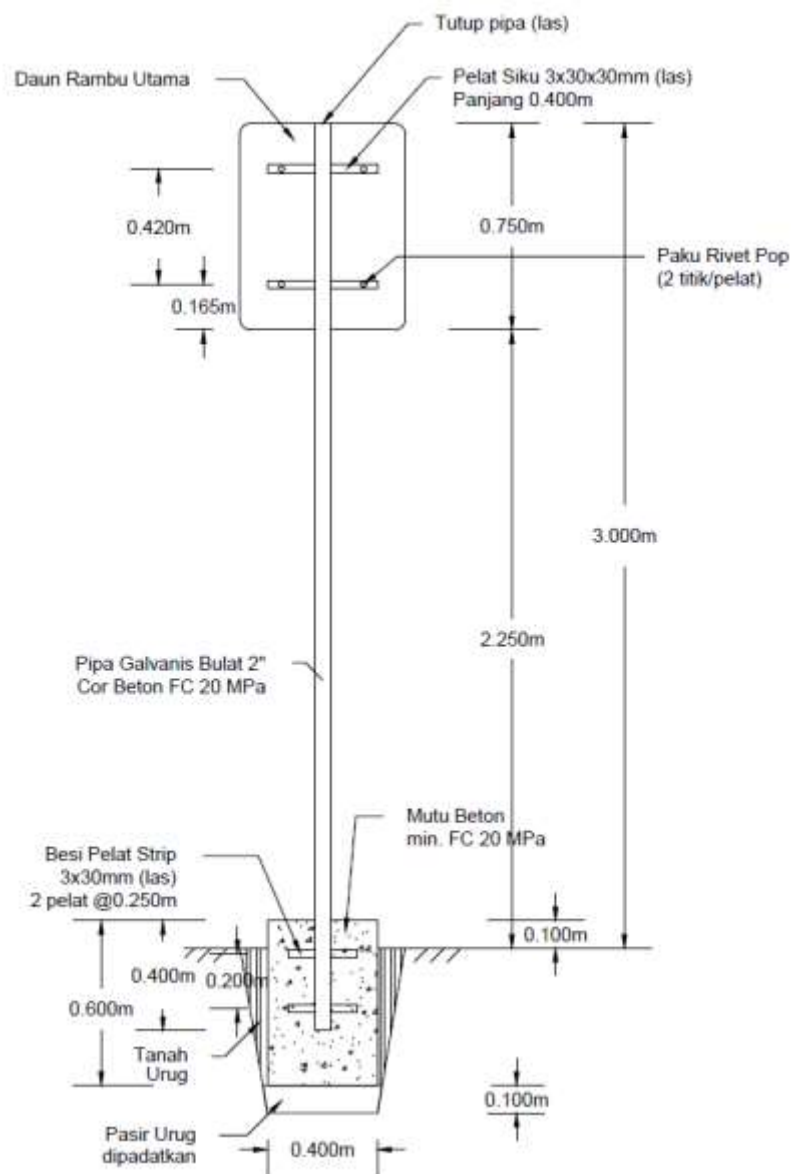
Ukuran (mm)	A	B	C	D	R
	750	600	37.5	150	37.5

- Bahan pelat ACP (Alumunium Composite Panel) ketebalan minimal 2.0 mm termasuk *reflective sheet*
- Reflective sheet* tingkat ASTM Tipe 2 warna putih sebagai latar belakang pictogram
- Ukuran pictogram dimaksimalkan sesuai dengan dimensi area pictogram
- List berwarna hijau dengan aplikasi cat doff
- Gambar pictogram berwarna hitam dengan aplikasi cat doff oven
- Cutting Sticker* Logo BNPB di bagian depan daun rambu utama dan tahun pembuatan dibagian belakang daun rambu utama

2. Tiang Rambu

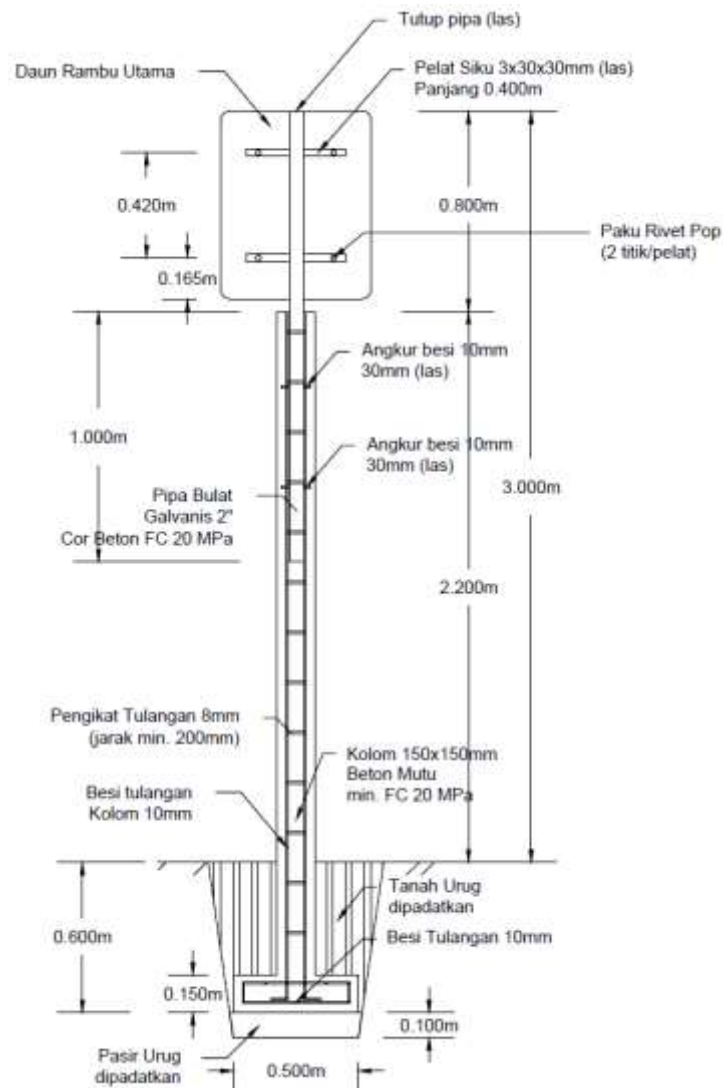
2.1. Bahan Pipa Galvanis

- Pipa galvanis tanpa sambungan dengan diameter minimal 2 *inch* dan ketebalan minimal 2mm di isi cor beton min. mutu FC 20 MPa
- Tutup pipa galvanis berupa bahan sejenis yang dilas
- Dudukan daun rambu berupa besi siku minimal 30x30x3mm dengan panjang minimal 40 cm dilas rapat ke tiang rambu, dengan sisi vertikal tegak lurus daun rambu dan sisi horizontal sejajar daun rambu
- Paku Rivet untuk menempelkan besi siku dengan jumlah minimal 2 buah/pelat
- Angkur pondasi berupa besi pelat strip ukuran minimal 30x3cm dengan panjang minimal 25 cm, berjumlah minimal 2 pelat dilas rapat ke tiang rambu
- Pemotongan, pengelasan, pemboran, penyetelan dan pemasangan pondasi



2.2. Bahan Beton

- Kolom beton bertulang ukuran minimal 15x15cm dengan mutu beton minimal FC 20 MPa
- Besi tulangan kolom minimal 10mm (4 buah) dan besi pengikat tulangan kolom minimal 8mm dengan jarak antar pengikat maksimal 20 cm
- Pipa galvanis tanpa sambungan dengan diameter minimal 2 *inch* dan ketebalan minimal 2mm dimasukan ke dalam kolom beton bertulang minimal sedalam 100 cm dari titik tertinggi kolom beton bertulang di isi cor beton min. mutu FC 20 MPa
- Dudukan daun rambu berupa besi siku minimal 30x30x3mm dengan panjang minimal 40 cm dilas rapat ke tiang rambu, dengan sisi vertikal tegak lurus daun rambu dan sisi horizontal sejajar daun rambu
- Paku Rivet untuk menempelkan besi siku dengan jumlah minimal 2 buah/pelat
- Pondasi tapak beton min. mutu FC 20 MPa dengan ukuran tulangan pondasi minimal 10mm (sesuai gambar)
- Pemotongan, pengelasan, pemboran, penyetelan dan pemasangan pondasi



3.2. STAGES OF ACTIVITY IMPLEMENTATION AND REPORTING

The stages of the Procurement of Evacuation Signs and Disaster Information Boards activity are as follows:

1) Preparation Coordination

After the contract is signed, the technical team must conduct initial coordination with the vendor to ensure that the technical specifications as required in the TOR have been met.

2) Fabrication/Manufacturing

The vendor will periodically report the progress of sign production to the technical team of the Directorate of Disaster Mitigation. The technical team may also conduct field visits to the production site in order to have a first-hand look at the production process of the signs.

3) Shipping

The Vendor shall prepare and submit to the Technical Team a sign shipment schedule with an estimated arrival time for the signs at the site. The delivery schedule must be carefully prepared taking into account the availability of transportation and weather conditions.

4) Installation

The vendor will perform the installation after coordinating with the local District / City BPBD according to the verification results submitted. In addition, the vendor must document the entire installation process at all points for reporting purposes, as well as the coordinate points of the sign installation.

5) Finalization

At this stage, all signs have been installed and the vendor will informally/verbally report to the technical team the progress of the installation, site constraints, and any changes that have occurred during the installation process. An addendum to the contract must be prepared for each change that occurs.

6) Reporting

After the finalization stage is agreed, the vendor sends a written report in 2 (two) copies as well as a soft file to the technical team. This report contains a report of the entire activity from beginning to end. As an attachment, it can be equipped with installation data including the type of sign, location, coordinates (latitude & longitude) and photos of the sign installation.

3.3. ACTIVITY IMPLEMENTATION SCHEDULE

The implementation period for the Procurement of Evacuation Signs and Disaster Information Boards activity is multiyears in 2024 and 2025 with the following implementation schedule.

Table 2
Activity Implementation Schedule

No	Stages of Activities	2024		2025			
		11	12	1	2	3	4
1	Preparation Coordination						
2	Fabrication/Manufacturing						
3	Shipment						
4	Installation						
5	Finalization						
6	Reporting						

SECTION 3:

IMPLEMENTATION METHOD

3.1. PROCUREMENT MECHANISM

The procurement of signs, evacuation boards, and disaster information activities will be carried out through a contractual mechanism with the provider. The procurement process to be carried out for the IDRIP refers to the World Bank Procurement Regulations for IPF Borrowers of July 2016, revised in November 2017 and August 2018 (World Bank Regulation) and the provisions outlined in the Loan Agreement, the Project Procurement Strategy for Development (PPSD) and the Procurement Plan (PP), and also takes into account the Presidential Regulation No. 12 of 2021 on Amendments to Presidential Regulation No. 16 of 2018 on Procurement of Government Goods / Services. The procurement process will be carried out through the mechanism of selection of business entities as service/goods providers, with the following mechanism:

- 1) The Election Working Group (Pokja Pemilihan) determines the procurement.
- 2) The procurement of services/goods is carried out through open bidding;
- 3) The method of evaluating the bids of the service/goods providers is carried out by the lowest bid method;
- 4) The method of submitting the bidding documents shall be the single file method;
- 5) The method of qualification is carried out by post-qualification using the knock-out method;

3.2. QUALIFICATIONS OF SERVICE / GOODS PROVIDERS

To fulfill the aforementioned activity components, service/goods providers are required to possess the following qualifications:

Administrative requirements:

- 1) Domiciled in Indonesia for national companies;
- 2) Business entities must possess a Business Qualification (KBLI) 43216 - Installation of Road Signals and Signs, for national companies, or an equivalent qualification for international companies.
- 3) Participants who conduct a Joint Operation (KSO), the number of KSO members can be done with a maximum limit of 3 (three) companies in 1 (one) joint operation.
- 4) All national companies must possess a NIB, SIUP, and Business Entity Registration Certificate for Road Equipment Manufacturers Sub-Sector: Conventional Traffic Signs from the Ministry of Transportation. International companies must provide proof of an equivalent document. Please attach the relevant proof of documentation.

- 5) Obtain a Business Entity Certification (SBU) Construction IN011 Signal Installation and Highway Signs for national companies.
- 6) Have an NPWP and have fulfilled the last year's tax obligations by including a copy of the last year's tax proof (2023) for national companies or the equivalent for international companies
- 7) Attach financial statements for the past three years, which must have been audited by a public accounting firm. In addition, please provide a copy of the bank statements for the past three months.
- 8) a copy of the Fiscal Free Certificate for the 2023 fiscal year.
- 9) Attach a statement of having or controlling a place of business/office/workshop with a correct, permanent, and clear address in the form of self-owned or rented (attach documentary evidence).
- 10) Attach a statement letter of ownership or control of the Distribution Warehouse with a correct, permanent and clear address in the form of self-owned or leased (attach documentary evidence).
- 11) The company is not under court supervision, is not bankrupt, and its business activities are not being terminated. Furthermore, the directors acting for and on behalf of the company are not undergoing criminal sanctions, as evidenced by a statement signed by the goods/services provider.
- 12) Have a Company Establishment Deed and its amendments (if any) for national companies or its equivalent for international companies (attach proof documents);
- 13) Has ISO 9001: 2015, 14001: 2015, 45001: 2018 (attach proof document).
- 14) Applicants must demonstrate that it has successfully completed at least 1 (one) previous contract within the last 5 (five) years prior to bid submission deadline, with one contract a value of minimal IDR9.840.000.000,00 or 2 (two) contracts with each value minimal IDR6.150.000.000,00 that have been successfully and substantially completed and that are similar in nature and complexity to the Goods and Related Services under the Contract.

Technical Requirements

- 1) Have experience in the field of Procurement of installation, maintenance, and repair of signal installations and highway signs;
- 2) Have a basic ability (KD) with a KD value equal to 5 x NPt (highest work value) in the last 5 (five) years by the required sub-field of work.

- 3) Have a letter of support for reflective sheeting material that has a Registration Certificate of Road Equipment Material Provider Business Entity from the Ministry of Transportation for national companies and attach reflective sheeting lab test results.
- 4) Attach a letter of support from the principal (if the principal is represented in Indonesia) or distributor (if the principal is not represented in Indonesia) for the provision of signs and information boards..
- 5) Attach a guarantee letter for the attached sticker reflective sheeting, which is of engineering grade ASTM type II and has a minimum warranty of five years.
- 6) Attach a distribution plan including scheduling, shipment time and duration.

3.3. ACTIVITY IMPLEMENTATION METHOD

The Procurement of Signs, Evacuation Boards, and Disaster Information activity will be implemented through a contractual process, with funding sourced from foreign loans (PLN) managed by the Directorate of Disaster Mitigation of BNPB.

3.4. ENVIRONMENTAL AND SOCIAL MANAGEMENT

In line with the World Bank and BNPB's commitment to environmental and social sustainability, all projects financed by the World Bank must comply with the provisions set out in the Environmental and Social Management Framework (ESMF). Consequently, the contractor shall, at a minimum, undertake the following during the implementation of this project:

- 1) Before commencing the installation of signs, the contractor is required to prepare an HSE Plan. This plan must include, at a minimum, the following elements: planning HSE safety measures, specifications for personal protective equipment, and preparation of a job safety analysis (JSA)/hazard identification and risk assessment (HIRA). The contractor is responsible for establishing HSE measures and tools at each stage of the activity, determining/preparing/identifying the nearest health facilities (first aid/medical services), having operational standards in an emergency, and planning steps for implementing health protocols.
- 2) Service providers must agree to refrain from any form of gender-based violence and to refrain from employing minors. This is to be done by signing the GBV/SEA code of conduct provided by the service users.
- 3) No use of asbestos materials

- 4) The materials used must be durable and long-lasting in the coastal and marine environment, including exposure to air and seawater. They must be resistant to damage, corrosion, and the inclusion of corrosive materials.
- 5) Wall paints with the following **concentrations** must be used: Pb > 90 mg/kg; organic-based decorative paints with Pb concentration > 600 ppm (dry weight); emulsion paints with concentrations of Pb > 90 ppm, Cd > 75 ppm, Hg > 60 ppm, and Cr6+ > 60 ppm. Non-lead-based paints must be used.
- 6) It is essential to anticipate and address potential risks to equipment security, including interference, vandalism, and theft. This can be achieved through socialization and community involvement in the installation of signs, fostering a greater understanding of the importance of equipment security.
- 7) Ensure workers are protected during the work execution process (before travel, during travel, safety driving, and checklist) and have workers' insurance.
- 8) During the implementation of activities, service providers will also implement a complaint and grievance mechanism that is integrated with the IDRIP complaint system, specifically the Complaint and Feedback Handling (P2UB)/Feedback Grievance Redress Mechanism (FGRM).
- 9) Consistent in implementing Occupational Safety and Health measures as planned in the HSE planning document and the World Bank's Environmental & Social Code of Practices (ESCOPs).
- 10) It is the responsibility of all employees to maintain healthy and safe working conditions by applicable laws in Indonesia and the World Bank's Environmental & Social Standard-2 (ESS-2) requirements (on Employment and Working Conditions).
- 11) Produce documentation/recordings (photos/video) and notes/in activity forms then submit to the HSE Report/Project Report.

SECTION 4 :

CONCLUSION

Terms of Reference (KAK) for the Procurement of Signs, Evacuation Boards and Disaster Information 2024 - 2025.

Jakarta, 4 Oktober 2024

Director of Disaster Mitigation

A handwritten signature in black ink, consisting of a long, sweeping horizontal stroke followed by a series of loops and a final vertical stroke.

Berton S. P. Panjaitan

Appendix 1

Village Details Location of Evacuation Signs, Warning Boards and Gathering Point Signs

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
MENGGUNAKAN TIANG RAMBU BAHAN PIPA GALVANIS											
1	Kab. Padang Pariaman	Batang Anai	1	Katapiang	YA	10	5	2		17	92
		Ulakan Tapakih	2	Ulakan	YA	9	8	6		23	
		Ulakan Tapakih	3	Manggopoh Palak Gadang	YA	5	4	3		12	
		Sungai Limau	4	Kuranji Hilir	YA	5	3	4		12	
		Sungai Limau	5	Pilubang	YA	5	6	3	2	16	
		Batang Gasan	6	Malai V Suku	YA	4	5	3		12	
2	Kab. Pesisir Selatan	Koto XI Tarusan	7	Jinang Kampung Pansur Ampang Pulai	TIDAK	7	9	4		20	248
		Koto XI Tarusan	8	Nanggalo	TIDAK	2	4		1	7	
		IV Jurai	9	Painan Utara	TIDAK	19	20	3	4	46	
		IV Jurai	10	Painan Timur	TIDAK	5	12	3	2	22	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
			11	Salido	TIDAK	11	14	6	1	32	
		IV Jurai	12	Rawang Gunung Malelo	TIDAK	2	2		1	5	
		Sutera	13	Koto Taratak	TIDAK	3	5		1	9	
			14	Taratak	YA	1	1			2	
			15	Surantih	TIDAK	2	8	5	1	16	
			16	Lansano Taratak	TIDAK	4	3			7	
		Linggo Sari Baganti	17	Muaro Kandis	TIDAK	10	10	6		26	
			18	Punggasan	TIDAK	3	2		1	6	
			19	Air Haji	TIDAK	6	11	5	1	23	
			20	Air Haji Barat	YA	5	2			7	
		Bayang	21	Pasar Baru	TIDAK	9	7	3	1	20	
3	Kab. Serang	Cinangka	22	Anyer	YA	13	11	7	7	38	176
			23	Argawana	YA	10	8	7	4	29	
			24	Karang Suraga	YA	10	6	7	6	29	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
		Anyar	25	Salira	YA	8	7	7	3	25	
			26	Bulakan	YA	9	9	7	5	30	
			27	Samuranja	YA	9	6	7	3	25	
4	Kab. Pandeglang	Sumur	28	Sumberjaya	YA	4	6	2		12	162
		Labuan	29	Caringin	YA	22	11	5	3	41	
		Carita	30	Carita	YA	10	10	4	2	26	
		Cikeusik	31	Cikeruhwetan	YA	4	4	2	3	13	
		Labuan	32	Cigondang	YA	28	17	4	3	52	
		Panimbang	33	Panimbangjaya	YA	6	6	4	2	18	
5	Kota Bengkulu	Muara Bangkahulu	34	Beringin Raya	YA	6	1	5	1	13	97
		Ratu Samban	35	Penurunan	YA	1	7	3		11	
		Sungai Serut	36	Pasar Bengkulu	YA	3	3	5		11	
		Ratu Agung	37	Lempuing	YA	6	6	3		15	
		Teluk Segara	38	Malabero	YA	4	3	3	1	11	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
		Teluk Segara	39	Berkas	TIDAK	5	5	4		14	
		Muara Bangkahulu	40	Rawa Makmur Permai	TIDAK	8	9	3	2	22	
6	Kota Bandar Lampung	Bumi Waras	41	Kangkung	YA	6	2	3	1	12	96
		Panjang	42	Panjang Utara	YA	6	8	2	2	18	
		Panjang	43	Panjang Selatan	YA	6	7	2	1	16	
		Bumi Waras	44	Bumi Waras	YA	6	10	1	1	18	
		Panjang	45	Srengsem	YA	3	3	1	3	10	
		Panjang	46	Karang Maritim	YA	7	10	2	3	22	
7	Kab. Lampung Selatan	Katibung	47	Ranggai Tri Tunggal	YA	2	4	5	2	13	90
		Kalianda	48	Kalianda	YA	6	6	6	3	21	
		Katibung	49	Tarahan	YA	1		7		8	
		Rajabasa	50	Waymuli	YA	3	3	11	4	21	
		Rajabasa	51	Sukaraja	YA	4	2	4		10	
		Rajabasa	52	Banding	YA	4	2	10	1	17	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
8	Kab. Jembrana	Negara	53	Banyubiru	TIDAK	5	12	5	4	26	42
		Melaya	54	Tuwed	TIDAK	6	5	3	2	16	
9	Kab. Alor	Teluk Mutiara	55	Mutiara	YA	1	1	3		5	72
			56	Kalabahi Timur	YA	3	2	3	1	9	
			57	Wetabua	YA	1		2		3	
			58	Binongko	YA	2	4	2	1	9	
			59	Kalabahi Barat	YA	3	4	3	1	11	
			60	NusaKenari	TIDAK			2	1	3	
			61	Adang Buom	TIDAK	4	4	6	2	16	
			62	Kalabahi Tengah	TIDAK	4	4	6	2	16	
10	Kab. Lombok Utara	Pemenang	63	Malaka	TIDAK	13	19	3	1	36	54
			64	Pemenang Barat	TIDAK	5	1	4		10	
			65	Pemenang Timur	TIDAK	3	2	3		8	
11		Ampenan	66	Ampenn Selatan	YA	4	3	3		10	86

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
	Kota Mataram		67	Ampenan Tengah	YA	1	2	3	1	7	
			68	Banjar	YA	3	2	3		8	
			69	Bintaro	YA	3	1	3		7	
			70	Ampenan Utara	TIDAK	2		3	1	6	
			71	Pejeruk	TIDAK		1	3	1	5	
			72	DayanPeken	TIDAK	1	2	3		6	
			73	Tamansari	TIDAK		1	3		4	
		Sekarbela	74	Jempong Baru	YA	3	2	3	1	9	
			75	Tanjung Karang	YA	1	3	3	1	8	
			76	Tanjung Karang Permai	YA		3	3	1	7	
			77	Kekalik Jaya	YA	4		3	2	9	
12	Kab. Maluku Barat Daya	Luang Sermatang	78	Lelang	TIDAK	4	9	5	2	20	63
			79	Mahleta	TIDAK	2	3	3	1	9	
		Leti	80	Tutukey	YA	7	8	5	1	21	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
		Leihitu	81	Hila	TIDAK	5	2	4	2	13	
13	Kota Ambon	Nusaniwe	82	Nusaniwe	TIDAK	1	3	6	1	11	216
			83	Benteng	TIDAK	1	9	6	2	18	
			84	Kudamati	TIDAK	2		3	2	7	
			85	Wainitu	YA	4	7	3	3	17	
			86	Manggadua	TIDAK			3	1	4	
			87	Waihong	YA	7	3	3	1	14	
		Teluk Ambon	88	Rumahtiga	TIDAK	3	3	7		13	
			89	Wayame	TIDAK	3	6	6	1	16	
			90	Hative Besar	TIDAK	2	6	10	3	21	
			91	Hunut Durian Patah	TIDAK			6		6	
			92	Poka	YA	8	11	4	3	26	
			93	Tihu	TIDAK			3	1	4	
		Sirimau	94	Rijali	YA	5	6	3		14	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
			95	Amantelu	YA			3	1	4	
			96	Karang Panjang	TIDAK			3	2	5	
			97	Pandan Kasturi	TIDAK	5	1	8	2	16	
			98	Honipupu	YA	3	6	4	7	20	
14	Kab. Parigi Moutong	Moutong	99	Moutong tengah	TIDAK	13	10	5		28	216
		Taopa	100	Tulandengi Sibatang	TIDAK	10	6	4		20	
		Bolano	101	Bajo	TIDAK	7	4	4	1	16	
		Mepanga	102	Ogotion	TIDAK	6	8	3	1	18	
		Mepanga	103	Malalan	TIDAK	5	4	5	1	15	
		Tomini	104	Ambesia	TIDAK	10	7	4	1	22	
		Parigi	105	Kampai	TIDAK	8	9			17	
			106	Masigi	TIDAK	8	6			14	
			107	Loji	TIDAK	1	4	2		7	
		Torue	108	Torue	TIDAK	14	11	5		30	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
		Tinombo	109	Tinombo	TIDAK	8	11	4		23	
		Palasa	110	Palasa Tangki	TIDAK	3	1	2		6	
15	Kab. Maluku Tengah	Kota Masohi	111	Lesane	YA	5	11	1	2	19	257
			112	Ampera	YA	3	4	1	4	12	
			113	Namaelo	YA	22	23	1	4	50	
		Tehoru	114	Haya	YA	10	12	3	4	29	
		Banda	115	Pulau Hatta	YA	3	5	1	5	14	
			116	rajawali	TIDAK	2	2	2	0	6	
			117	kampung baru	TIDAK	12	9	3	1	25	
			118	nusantara	TIDAK	8	13	4	0	25	
			119	sahulaua	TIDAK	6	8	2	3	19	
			120	Letwaru	TIDAK	7	4	1	1	13	
		Salahutu	121	Tulehu	YA	14	10	2	5	31	
			122	namasina	TIDAK	6	7	1	0	14	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
16	Kab. Pulau Morotai	Morotai Selatan	123	Pandanga	TIDAK	3	5	2		10	54
			124	Darama	TIDAK		3	1	1	5	
			125	Buho buho	TIDAK	2	2	2	1	7	
		Morotai Jaya	126	Sopi	YA	9	6	6	2	23	
			127	Mira	YA	2	3	4	0	9	
17	Kab. Donggala	Banawa	128	Tanjung Batu	YA	3	2	3	1	9	144
			129	Boneoge	TIDAK	16	7	17	4	44	
			130	Gunung Bale	TIDAK	6	2	0	1	9	
			131	Samalili	TIDAK	0	0	0	1	1	
		Sojol	132	Siboang	YA	3	3	1	4	11	
		Sojol	133	Tonggolobibi	YA	2	3	5	9	19	
		Dampelas	134	Sioyong	YA	6	5	1	5	17	
		Dampelas	135	Pongerang	YA	9	2	5	4	20	
		Balaesang	136	Labean	YA	3	4	6	1	14	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
18	Kota Palu	Ulujadi	137	Silae	YA	12	10	3	2	27	175
		Palu Barat	138	Lere	YA	10	8	4	4	26	
		Palu Timur	139	Besusu Barat	YA	7	13	5	3	28	
		Mantikulore	140	Talise	YA	14	16	5	3	38	
		Palu Utara	141	Mamboro Barat	YA	7	10	0	1	18	
		Tawaeli	142	Pantoloan	YA	9	6	4		19	
		Mantikulore	143	Tondo	TIDAK			0	1	1	
		Tawaeli	144	Baiya	TIDAK	1		0	1	2	
			145	besusu tengah	TIDAK			0	1	1	
			146	Mamboro Induk	TIDAK	4	6	0	1	11	
			147	Kel. Baru	TIDAK	1	2	0	1	4	
19	Kab. Minahasa Utara	Likupang Timur	148	Maen	YA	2	4	2		8	82
		Likupang Barat	149	Kinabuhutan	YA	6	2	2		10	
		Likupang Barat	150	Gangga satu	YA	2	4	3		9	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
20	Kota Bitung	Likupang Barat	151	Tambun	YA	1	3	2		6	
			152	Bahoi	TIDAK	7	3	8	4	22	
			153	Serai	TIDAK	11	5	8	3	27	
			154	Wangurer	YA			3	1	4	186
			155	Wangurer Barat	TIDAK	6	5	4	3	18	
			156	Bitung Timur	TIDAK	13	10	6	8	37	
			157	Bitung Barat Satu	YA	5	3	5	2	15	
			158	Kadoodan	YA			3	1	4	
			159	Pateten Satu	YA			3	1	4	
			160	Aertembaga Satu	YA			3	1	4	
			161	Girian Bawah	TIDAK	7	5	5	1	18	
			162	Madidir Ure	TIDAK	11	9	3	6	29	
			163	Madidir Unet	TIDAK	2	4	2	1	9	
			164	Batu Putih Atas	TIDAK		4	7		11	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
			165	Bitung Tengah	TIDAK	6	5	3	5	19	
			166	Batu Putih Bawah	TIDAK	2	4	7	1	14	
21	Kota Jayapura	Muara Tami	167	Holtekamp	YA	4	9	5	3	21	100
		Jayapura Selatan	168	Hamadi	YA	6	8	5	2	21	
		Jayapura Utara	169	Tanjung Ria	YA	4	2	4	1	11	
			170	Imbi	TIDAK	7	8	8	2	25	
			171	Argapura	TIDAK	5	6	9	2	22	
22	Kab. Sukabumi	Tegal Buleud	172	Buniasih	YA	3	2	5		10	57
			173	Tegal Buleud	YA	3	1	3	3	10	
		Ciemas	174	Ciwaru	YA	1		2	1	4	
		Palabuhan Ratu	175	Jayanti	YA	4	5	3		12	
			176	Pelabuhan Ratu	YA	1	1	4	1	7	
		Simpenan	177	Loji	YA	6	2	2	4	14	
23		Cilacap	178	Karangkandri	YA	13	11	2	2	28	403

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
	Kab. Cilacap		179	Tegalkamulyan	YA	26	27	8	6	67	
			180	Cilacap	YA	7	7	8		22	
			181	Sidakaya	YA	10	7	2		19	
		Adipala	182	Welahan Wetan	YA	8	6	4	2	20	
			183	Widarapayung Kulon	YA	5	3	2	2	12	
		Nusawungu	184	Karangpakis	TIDAK	8	8	2		18	
		Binangun	185	Pagubugan	TIDAK	6	5	2		13	
			186	Pagubugan Kulon	TIDAK	4	5	2		11	
			187	Widarapayung Wetan	TIDAK	16	15	2		33	
		Adipala	188	Glempangpasir	TIDAK	18	19	2		39	
			189	Karangbenda	TIDAK	3	7	2		12	
			190	Adiraja	TIDAK	2	7	2		11	
			191	Adiraja Wetan	TIDAK	7	6	2		15	
			192	Karanganyar	TIDAK	8	11	2		21	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
			193	Bunton	TIDAK	13	12	2		27	
			194	Adipala	TIDAK	17	16	2		35	
24	Kab. Kulon Progo	Temon	195	Jangkaran	YA	3	2	2	3	10	140
		Temon	196	Glagah	YA	4	4	2	6	16	
		Wates	197	Karangwuni	YA	10	6	2	6	24	
		Panjatan	198	Bugel	YA	16	18	2	4	40	
		Galur	199	Karangsewu	YA	7	10	2	4	23	
		Galur	200	Banaran	YA	15	6	2	4	27	
25	Kab. Pacitan	Ngadirojo	201	Sidomulyo	YA		1	4	2	7	133
		Pacitan	202	Ploso	YA	20	20	15		55	
		Pacitan	203	Sidoharjo	YA	22	22	4	6	54	
		Pacitan	204	Kembang	YA			2	1	3	
		Sudimoro	205	Sumberejo	YA	2	7	2	3	14	
26		Boleng	206	Batu Tiga	YA	2	1	3	1	7	34

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
	Kab. Manggarai Barat	Boleng	207	Golo Sepang	YA	5	3	2	1	11	
		Komodo	208	Macang Tanggar	YA	1		3	1	5	
		Macang Pacar	209	Nanga Kantor Barat	YA	5	1	3	2	11	
MENGGUNAKAN TIANG RAMBU BAHAN BETON											
27	Kota Sorong	Sorong Manoi	210	Malawei	YA	6	6			12	225
		Sorong Manoi	211	Klaligi	YA	8	5	1		14	
		Sorong Kota	212	Kampung Baru	YA	5	6	1		12	
		Sorong Kota	213	Klasuur	YA	5	5	1	1	12	
		Sorong Barat	214	Rufei	YA	4	10			14	
		Sorong Barat	215	Klawasi	YA	1	4			5	
		Sorong Kepulauan	216	Dum Timur	TIDAK	6	6	3	1	16	
		Sorong Kepulauan	217	Dum Barat	TIDAK	6	6	3	1	16	
		Sorong Kepulauan	218	Pulau Raam	TIDAK	6	6	3	1	16	
		Sorong Kepulauan	219	Pulau Soop	TIDAK	6	6	3	1	16	

No	Kab/Kota	Kecamatan	Nomor Desa	Desa	Destana (YA/TIDAK)	Arah Kanan	Arah Kiri	Rambu Peringatan	Titik Kumpul (TES/TEA)	Total	Total Rambu (Kabupaten/ Kota)
		Maladom Mes	220	Tanjung Kasuari	TIDAK	10	10	3	1	24	
		Maladom Mes	221	Saoka	TIDAK	12	12	3	1	28	
		Maladom Mes	222	Suprau	TIDAK	8	8	3	1	20	
		Maladom Mes	223	Tampa Garam	TIDAK	8	8	3	1	20	
GRAND TOTAL						1300	1286	766	348		3700

