

TERMS OF REFERENCE

PROTECTION PERIMETER FENCE AND BOLLARD

I. Background

The Association of Southeast Asian Nations (ASEAN) Secretariat was established in February 1976 by the Foreign Ministers of ASEAN. It was first housed at the Department of Foreign Affairs of Indonesia in Jakarta and moved to the current location at 70A Jalan Sisingamangaraja, Jakarta since 1981. Currently, the ASEAN Secretariat (ASEC) is housed at two buildings:

1. The Heritage Building since 1981. The building has 9 stories with approximately 11,000 sqm in total areas.
2. The New Building since 2019. The building has 16 stories with approximately 44,000 Sqm in total areas.

To enhance and optimize the security protection at ASEC premises to meet the standard of international organizations, as suggested by UNDSS, ASEC needs to install protection spike and razor wire along perimeter fence; install the steel bollard and repaint the perimeter fence.

II. Objectives

The objective of this project is to improve the security protection by installing protection spike and razor wire along perimeter fence; installing the steel bollard and repainting the perimeter fence.

III. Expected Deliverables

1. To install steel spike and steel razor concertina along perimeter fence of ASEC premises
2. To install the steel bollard from Trunojoyo gate until car checking portal
3. To repaint the perimeter fence (steel fence)

IV. Scope of Works

The scope of work as follow:

1. Installation of steel spike and razor concertina:
 - a) Installation spike rebar along perimeter fence, material rebar $\varnothing$ 16 mm length 750 mm, the rebar to be bend and sharpened. The rebar stands on the existing horizontal steel and to be full welded to existing vertical fence. The spike rebar should be installed on each vertical steel fence, primed and finished with same color grey paint of the existing fence.
 - b) Installation steel angle 40x40mm along perimeter fence, include rebar $\varnothing$ 6mm to hang the razor concertina. The steel angle should be welded to existing steel fence main column. The steel angle should be treated with anti-corrosion and painted with the same color with the existing fence.

- c) Installation new razor concertina along perimeter fence (fence from Jl Sisingamaraja side until Jl Raden Patah). The material of razor concertina is BTO 30.
 - d) Install razor concertina at back side of ASEC perimeter fence (perimeter fence PUPR office and ATR BPN office). Trimming of existing bamboo tree shall be through coordination with ASEC. The razor concertina will be provided by ASEC. The vendor provides and install supporting steel using angle bar 40x40 thickness 3mm. The distance between each steel angle 1,8 - 2 meter. The steel angle should be primed and painted
2. Installation of bollard, from Trunojoyo gate until car checking drop arm. The length of bollard construction is 20 meters. Please refers to the drawing for accurate quantity counting.
- a) Removing existing paving block and excavation for bollard foundation
 - b) Fill sand layer thickness 100 mm
 - c) Installation casing, material black steel $\varnothing$ 5" thickness 40 mm, length 700 mm
 - d) Installation steel bollard $\varnothing$ 4" thickness 40 mm, length 1500 mm. 700 mm of 1500 mm of steel will be put under ground, and to put handle on the bollard to lift the bollard
 - e) Installation of removable steel chain between bollard
 - f) Reinforced concrete for bollard foundation shall be K-300 concrete specification.
 - g) Painting the bollard, color black-white
3. Repainting the existing steel perimeter fence.
- a) Painting steel perimeter fence (inside and outside)

V. Contractor Qualifications

At minimum, the contractor shall meet the following criteria:

1. Experience in construction works or related to welding work, or installation of spike or razor concertina or bollard. Please refer to Appendix 2 of RFP.
2. Work schedule (Please refer to Appendix 2 of RFP) –
To provide work schedule details The work shall be finished in **2 (two) months**. Contractor to submit the work schedule in accordance with ASEC procedures, which is:
 - a. Monday to Friday: 08.00 AM till 10.00 PM
 - b. Saturday and Sunday: 07.00 AM till 10.00 PM
3. Work of Method (Please refer to Appendix 2 of RPF)
To complete the work in accordance with the proper method of welding steel and must follow specifications specified in this TOR or to follow manufacturer recommendation, whichever more stringent. Contractor is required to do all the work items by supplying the manpower and building materials, within the prescribed time schedule in professional manner in accordance with the standard engineering practice and Indonesian Standard (SNI).



