

Construction Profile

Guatemala, Guatemala, October 30, 2023.

Lic. Francisco Anleu Quijada, General Manager Empresa Portuaria Quetzal Guatemala
Government of Guatemala Present

I am writing to you to request your authorization for the use and exploitation of the maritime and terrestrial port space of Empresa Portuaria Quetzal, in accordance with Article 4. Requirements for the request for usufruct or lease of areas and other facilities. Below is the construction profile:

a) **Location of the space for construction** The only stage considers the construction of an avenue and its acceleration and deceleration lanes, beginning at the access from the roundabout located to the east of the main entrance of the customs area of Puerto Quetzal, located on the CA-9 highway, on the road that goes from Iztapa to Guatemala, intersecting with the internal street that serves as the entrance to the Hotel Mar y Sol and the Club Aire Mar y Tierra.

We request the width or right of way for the construction of an avenue 23.00 m wide by 88.00 m long, including 2.00 m wide pedestrian sidewalks on both sides, a central median with openings at each end with a curvature radius of 12.00 m, 100 m long acceleration lanes, and 50.00 m long transition lanes at the entrance and exit of the CA-9 highway. Additionally, we request the expansion of the curvature radii at the entrance to the Hotel Mar y Sol from the CA-9 passing in front of the Portuaria.

Requested area for the construction of the access road:

- Junction CA9 - Hotel Mar y Sol entrance 0+0.88 m
- Area breakdown:
 - Sidewalk 1: $233.24 \text{ m} \times 2 \text{ m} = 466.48 \text{ m}^2$
 - Sidewalk 2: $523.67 \text{ m} \times 2 \text{ m} = 1047.33 \text{ m}^2$
 - Access road: $88 \text{ m} \times 23 \text{ m} = 2024.00 \text{ m}^2$
 - CA9 acceleration and deceleration lanes: 1659.87 m^2 (each)
- Total requested area for lease: 6857.55 m^2

Schematic Proposals

- Proposal 1 and Proposal 2 (Refer to attached plans TRA-TCA9-001 and TRA-TCA9-002)

PROJECT: "PROYECCIÓN CAMINO DE ACCESO TRONCAL CA9 CON ENTRADA HOTEL MAR Y SOL 0+088 m."

b) Description of the necessary platforms for construction

Scope: Establish specific practices and controls for resources and the methodology for relevant project activities, including document review, approved construction plans, work schedules, material quality certifications, personnel qualification records, machinery, equipment, and tools used in project development, construction methodology, on-site inspection, and reporting.

Updates: Recommendations, modifications, and adjustments occurring during the project must update, adapt, improve, or expand this plan. Revisions will be issued from the current (revision 00) with subsequent updates.

Applicable Standards: The work will be carried out in accordance with applicable codes, standards, and specifications.

Pre-work Site Visit: Coordinate with the project resident to locate affected areas, drainage systems, and signage to be preserved.

Temporary Installations: A warehouse will be located where authorized by the department or at the company's discretion. This includes preparing the land and constructing warehouses for materials, equipment, tools, field offices, testing areas, and sanitary facilities.

Material Supply and Quality Control: During project execution, the company commits to hiring at least 30% of the local workforce to help the local economy. Locate sources for materials and asphalt mixes during the pre-construction visit.

Organization of Material Quality Control: Coordinate with the quality control service provider to schedule material supply and application days. Perform sampling for quality verification based on established criteria.

Statistical Quality Control Analysis: Analyze quality control results using control charts for each material and work concept. Update control charts daily to address deviations in production processes or construction procedures.

Daily Reports: Prepare daily reports including the project name, report number and date, and the name and signature of the quality control manager, to be delivered to the superintendent by the next day.

Monthly Reports: Prepare monthly reports summarizing quality control activities, including internal control, control charts, statistical analyses, and actions taken to address deviations or rejected materials.

Final Quality Control Report: Prepare a final report summarizing all quality control activities, including internal control and statistical analyses, certifying compliance with project specifications.

Additional Tasks:

- Identify areas affected by construction for maintenance.
- Establish work fronts and safety measures.
- Locate waste material disposal sites.
- Perform billing according to the work schedule.
- Ensure qualified personnel for supervision and administration of the work.
- Compile a "quality book" documenting control and results of the work.
- Prepare delivery-reception minutes for partial and total project completion.

Additional Works (if necessary):

- Pothole repair following safety and signaling specifications.
- Asphalt resurfacing with proper material specifications.
- Cut and compact subgrade soil for damaged areas.
- Construct pedestrian crossings and access ramps.

Conclusion: The approximate execution time for the project is four months from the authorization of the lease, including all described activities.

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