



Republika ng Pilipinas
Lungsod ng Quezon
Ragawaran ng Lingkurang Panlahat



GENERAL SERVICES DEPARTMENT

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TERMS OF REFERENCE
SUPPLY AND APPLICATION OF ANTI-SLIP SOLUTION WITHIN QUEZON CITY HALL
COMPOUND

I.0 RATIONALE AND BACKGROUND

The Quezon City Government continue to ensure the safety of all its employees and transacting public inside the Quezon City Hall Buildings through the application of Anti-slip Treatment on the tiled office floorings with bath etching / ceramic tile etching treatment

This Terms of Reference is crafted for the City to avail a Service Provider that has the expertise to provide an effective and Anti Slip Solution & Application disinfecting schemes and products for the safety of the employees and transacting public.

II. PROJECT DESCRIPTION

Technical Description / Specification

Safe Solution Anti-Slip Treatment

Chemical Identity:

Product Use: Bath Etching Treatment/ Ceramic Tile Etching Treatment

- ❖ TDG Classification: Hydrofluoric Acid Solution, Class 8 (6.1) UN 1790 PG 11,
- ❖ WHIMS Classification: D2B E
- ❖ Hazardous Ingredients: Chemical Identity CAS# UN# CONC. (WT) TOXIC (LD50)
- ❖ Hydrofluoric Acid: 7664-39-9 1-5% LD50 ORAL: RAT N/D

Physical Properties (Approximate Values)

Physical State:	Liquid
Appearance & Odor:	Clear Liquid, Pungent Odor
Odor Threshold:	Not available
Boiling Point:	Approx 100C
Melt/Freezing Point:C :	Approx, 0C
Vapor Pressure:(20C)	Not available
Vapor Density:	Not available
Specific Gravity:(20C):	1.06
Evaporative Rate:	Not available
Solubility Rate:(20C):	100% in water
PH (100%)	4.4

QCG.CGSD.ADMIN.F.54



VISION : *The General Services Department envisions itself to be a Quality Community within the Quezon City Government by delivering responsive and quality general services through committed, service-oriented and technologically advanced personnel.*
MISSION : *We provide the delivery of general services to the Quezon City Government and its constituents that are: EFFECTIVE, EFFICIENT and ECONOMICAL.*



III. PROJECT SCOPE OF WORK:

A. Mobilization

- The contractor shall conduct pre-inspection and measurement to ensure satisfactory completion of the job.
- The contractor shall prepare all the necessary materials and equipment needed during the duration of the contract. The materials and equipment shall be placed only in the area designated.
- Prior to the commencement of the project, the Contractor shall undertake a thorough examination on the area to avoid difficulties in the implementation of the project that would adversely affect the operations.
- The contractor shall secure the necessary Access/Work permit from end user prior to the commencement of the project.
- The Contractor shall provide the Material Safety Data Sheet (MSDS) of all chemical to be used.

B. Surface Preparation

- Protect adjacent areas/structures like the Station Walls, Columns, Gates, Stainless, Railings, and Electrical Rooms etc. prior to the application of the Anti-slip Compound.
- Scraping of all stem dirt, chewing gum, epoxy coating (if any), etc.
- Ensure all needed materials/equipment are ready such as soft broom, squeegee, water, mop and other needed materials and equipment.
- Apply cleaning agent to show the original appearance of flooring and apply tiles treatment to ensure a touch and strong finished application.
- The bidder or its Supplier must comply with the guidelines set by Batas Pambansa Blg. 344 and Americans with Disabilities Act (ADA) recommending a 0.60 coefficient of friction ratio on accessible routes.
- The Bidder or its Supplier must prove the 0.60 coefficient of friction requirements during final inspection to ensure safe walkways for accessible routes.

C. Application of Anti-Slip Compound / Solution

- Examination of the floor surface conditions disadvantageous to application of treatment and conducts product demonstration.
- Preparations: Mask or protect adjacent construction which is not to be treat of which maybe damage by treatment. Strip existing wax, sealers; degrease oil and other contaminants with Clean Step Multi Purpose Cleaner.
- Spray to apply the Safe Solution Anti Slip Treatment System in accordance to the manufacturer's instructions to get hold of specified slip resistance. Thoroughly rinse the solutions from the surface after the treatment with hot water. Drain or extract the solutions and water and allow the treated surface to dry.
- Safe Solutions Anti-Slip Treatment System consumption will be one (1) liter per ten square meters.
- Ensure that the surface are thoroughly cleaned and rinsed well before the application of Anti-Slip Compound.
- Apply the required amount of Anti-Slip Compound, as directed by the manufacturer, to obtain the maximum specified slip resistance.

- All materials shall be capable of microscopically etching treated surface and or by gripping feeling using foot as it pushed with wight into the trated surface.
- Application of Neutralizer Solution to weight treated and make remaining residues harmless and biodegradable.
- Contractor to submit photos of the work activities, before during and after application of Anti-Slip Compound in every location stairway, concourse and platform area.
- Submit product technical specification as evidence of compliance.

D. Clearing Activities

- Disposal of all waste materials at the place designated by the end user.
- Rejuvenation/Enhancement of the areas applied as needed

IV. AREA OF COVERAGE

• COVERED AREA FOR ANTI SLIP COMPOUND APPLICATION

1. One time general application of Anti-Slip within the Quezon City Hall Compound.

	ITEM DESCRIPTION / SPECIFICATION	UNIT	QTY.
1	Lobby Sidewalk	sq.mtr	149.39
2	Hallway CTO Annex Building front and back	sq.mtr	744
3	Covered Walkway Phase II to Main City Hall Lobby	sq.mtr	1216.48
4	Main Lobby (High Rise Building)	sq.mtr	630.39
5	Stage Flagpole Area	sq.mtr	345
TOTAL SQ. METER			3,085.26

2. Retouch or rejuvenation/enhancement of anti-slip application after 6 months.

V. PROJECT STANDARDS & REQUIREMENT

The following are the minimum qualifications and requirement for the contractor

- Track Record
 - The service provider should have at least completed/accomplished similar projects.
- Organization
 - The contractor should submit its detailed organization chart which should indicate an established organizational structure of technical personnel to show its capacity to undertake the project.
- Manpower
 - Ten (10) personnel with at least 8 hours of Training Experience of Anti-Slip Application.
 - One (1) accredited Safety Officer to oversee the project

VI. PROJECT DURATION

- Thirty (30) calendar days upon issuance of Notice to Proceeds.

VII. Warranty Period

The Contractor should provide Floor Safety Janitorial Program (FSJP) composed of the following.

- Staff training in proper floor care and cleaning procedure to help in the maintenance of the treated tiles at least 10 personnel with minimum of 4 hours.

- Anti-slip compound shall be capable of gripping feeling within the warranty period.
- To provide valuable documentation warranty certificate.
- The contractor shall reimburse all financial claims that may arise as a result of slipping incidents within the one (1) year warranty period.

VIII. APPROVED BUDGET FOR THE CONTRACT

- The City has set an Approved Budget for the Contract (ABC) of Two Million Six Hundred Twenty-Two Thousand Four Hundred Seventy-One Pesos Only (P 2,622,471.00)
- No price adjustment
- The cost shall be fixed and there shall no price adjustments applicable for the duration of the contract except when the operations cost is increased by more than 10% as a result of any extraordinary circumstance as determined by the National Economic Development Authority (NEDA). Pursuant to the provisions of RA 91184 and its IRR on contract price escalation, all contract price escalation should be approved by the Government Procurement Policy Board (GPPB).

IX. BASIS OF PAYMENT

- Payment after one-time general application of Anti-Slip within the Quezon City Hall Compound.

X. PENALTIES FOR BREACH OF CONTRACT

- Failure to deliver the services according to the standards and requirements set by the City shall constitute an offense and shall subject the Contractor to penalties and/or liquidated damages pursuant to RA 9184 and its revised implementing Rules and Regulations.


XI. CANCELLATION OR TERMINATION OF CONTRACT

- The guidelines contained in RA 9184 and its revised IRR shall be followed in the termination of any service contract. In the event the City terminated the Contract due to default insolvency, or for cause, it may enter into negotiated procurement pursuant to section 53(d) of RA 9184 and its IRR>

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