



TERMS OF REFERENCE FOR THE SUPPLY AND APPLICATION OF ANTI-SLIP 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

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 stern 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 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

- Remove protection from adjacent areas/structure.
- 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	HISE RISE BUILDING MAIN LOBBY	sq.mtr	1233
2	COVERED WALKWAY PHASE I	sq.mtr	593
3	GROUND FLOOR LOBBY COMFORT ROOM	sq.mtr	11
4	GROUND FLOOR LEGISLATIVE HALLWAY	sq.mtr	255
	UNDERPASS QUEZON CITY HALL TO QUEZON MEMORIAL CIRCLE (QMC)		
5	A. ENTRANCE	sq.mtr	18
6	B. STAIRWAY DOWN TO UNDERPASS	sq.mtr	85
7	C. UNDERPASS	sq.mtr	313
8	D. STAIRWAY TO ELLIPTICAL	sq.mtr	65
9	E. ENTRANCEWAY TO ELLIPTICAL	sq.mtr	76
10	HALLWAY CTO ANNEX BUILDING FRONT AND BACK	sq.mtr	744
11	DRRMO BUILDING STAIRWAY AND LOBBY	sq.mtr	300
12	INNER QUADRANGLE AREA	sq.mtr	93
13	NGO BUILDING STAIRWAY AND LOBBY	sq.mtr	73
14	DPOS STAIRWAY AND LOBBY	sq.mtr	81
15	QUEZON CITY PUBLIC LIBRARY ENTRANCE	sq.mtr	55
	TOTAL SQ. METER		3,995

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.

VI. PROJECT DURATION

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

VII. Warranty Period

The Contractor should provide Floor Safety Janitorial Program (FPJP) 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 of Two Million Nine Hundred Ninety Six Thousand Two Hundred Fifty Pesos Only (2,996,250.00)
- 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 are 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 shall 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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