United States Department of State

US Embassy Amman Jordan

Scope of Work (SOW)

Car Wash Drainage / Motor pool

At the US Embassy, Amman

2015

Scope of Work (SOW)
Car Wash Drainage Construction
At the U.S. Embassy, Amman

1. **OVERVIEW:**

The United States Government (USG), Department of State (DOS), has a requirement to remove existing car wash drainage line (shown in Fig. 1) located at the motor pool section inside the united states embassy compound and install a new drainage line.
The USG requires a construction firm to design, execute and complete the proposed modifications.

2. **PROJECT DESCRIPTION**

The USG intends to: remove existing car wash drainage line (shown in Fig. 1) with total length of 52.2 meters and over all width of 0.70 meters. Consisting of two concrete shoulders and steel drain cover (FIG. 2). The existing drainage line is clogged and full of debris and cover is broken is several location and the overall condition for the drainage line is due for replacement.
There are two locations in the car parking where water is accumulated creating huge water puddles; the contractor shall provide solution to this problem by either sloping the surfaces towards an existing storm drain or extending the existing drainage towards the two locations see fig 1.
The awarded contractor shall provide design/build service for the new drainage line to be constructed.

3. **SITE VISIT**

The contractor must acquaint himself with the existing conditions and take these conditions into consideration when preparing his bid. Lack of knowledge relative to the existing site conditions will not be allowed as basis for compensation. The contractor shall lay out its work from base lines indicated on the drawings and scope of work and shall be responsible for all measurements in connection with the layout. The contractor shall furnish, at his own expense, all material, stakes, templates, platforms, equipment, tools, and labor required to layout any part of the work. Before proceeding with the layout of actual work, verify the layout information shown on the drawings in relation to the property survey and new pre cast facility and existing benchmarks or buildings. As work proceeds, check every element for space, installation, line and level. The contractor shall immediately report any problem to the **Contracting Officer Representative** (COR), and shall not continue the work until such problems are resolved.

4. SCOPE OF WORK

The Contractor shall furnish all qualified and certified labor, materials, equipment, permits and license to purchase and deliver the complete design and construction of a new car wash drainage line located at the motor pool section inside the US Embassy compound-Amman.
Contractor shall completely remove existing concrete water tunnel and steel cover and construct a new system.

The Contractor shall be responsible for, but not limited to the following:

5.1.1. Obtaining all necessary permits that have not already been obtained by the US Government;

5.1.2. Technical submittals and construction layout;

5.1.3. Maintaining pedestrian and vehicle access to the existing station land throughout construction;

5.1.4. Mobilization/demobilization and installation of temporary erosion and sediment controls;

5.1.5. Locating and designating all onsite utilities within and adjacent to the proposed limits of construction.

5.1.16. Contractor shall remove existing concrete and steel grate.

5.1.7. Contractor shall remove all excavated materials and debris from work site and maintain a clean work area at all times.

5.1.8. Contractor shall provide heavy duty grates and shall be approved by the COR.

5.1.9. Contractor shall take elevations to determine proper drainage.

5.1.10. Contractor shall prepare drawings and details of proposed changes for COR approval.

5.1.11. Contractor shall propose solution and plans to address the water accumulation issue in the two locations depicted on Fig. 1.

WORKING HOURS

Working hours will be Sunday to Thursday from 8:00- 16:30; other times shall be approved by the COR.

GUARANTEE

The contractor shall submit a **Two-year** guarantee against defects of materials or workmanship (including the cracks repair). Upon notification of such defects within the guarantee period, the contractor shall make the necessary repairs and replacements in timely manner at his/her costs to the satisfaction of the COR.

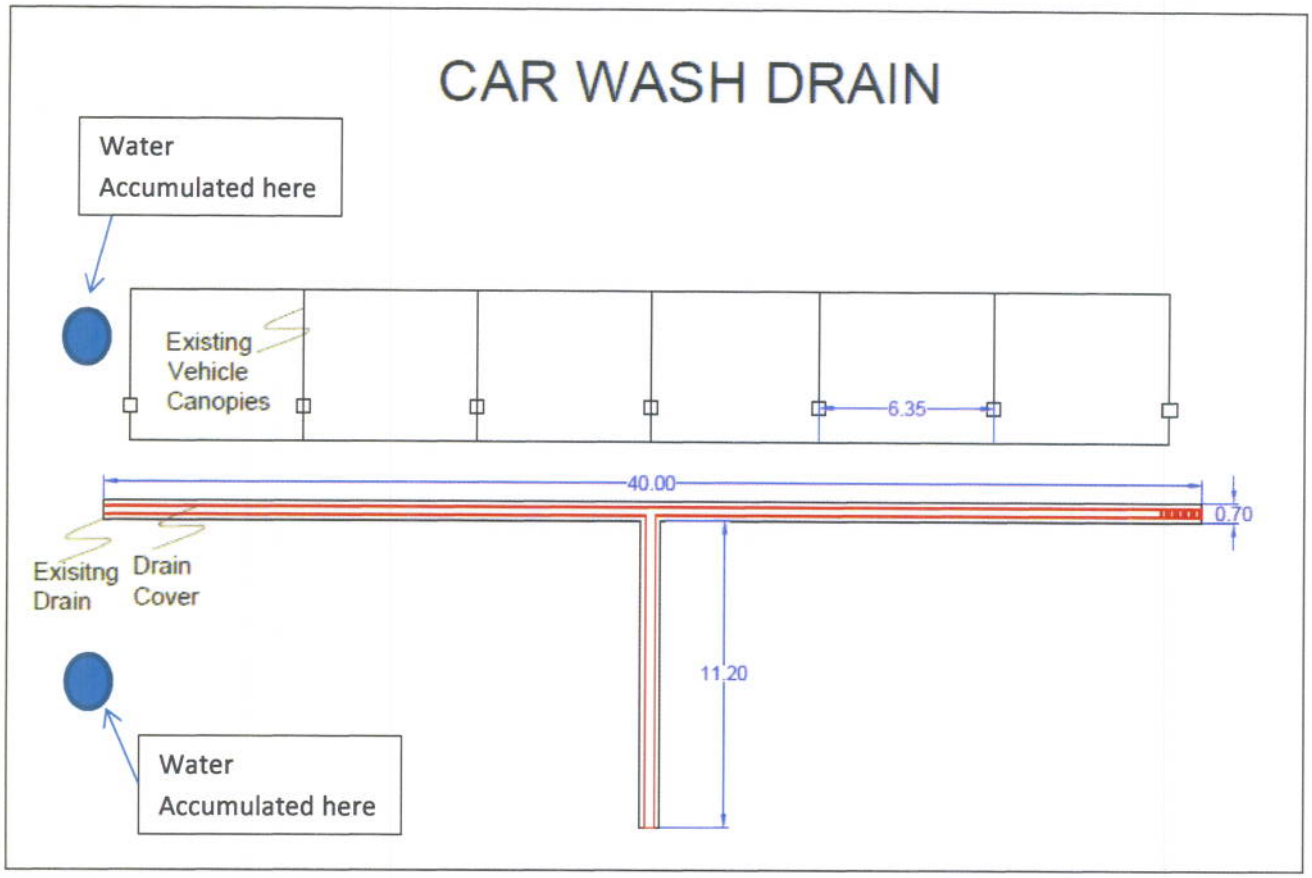

FIG. 1

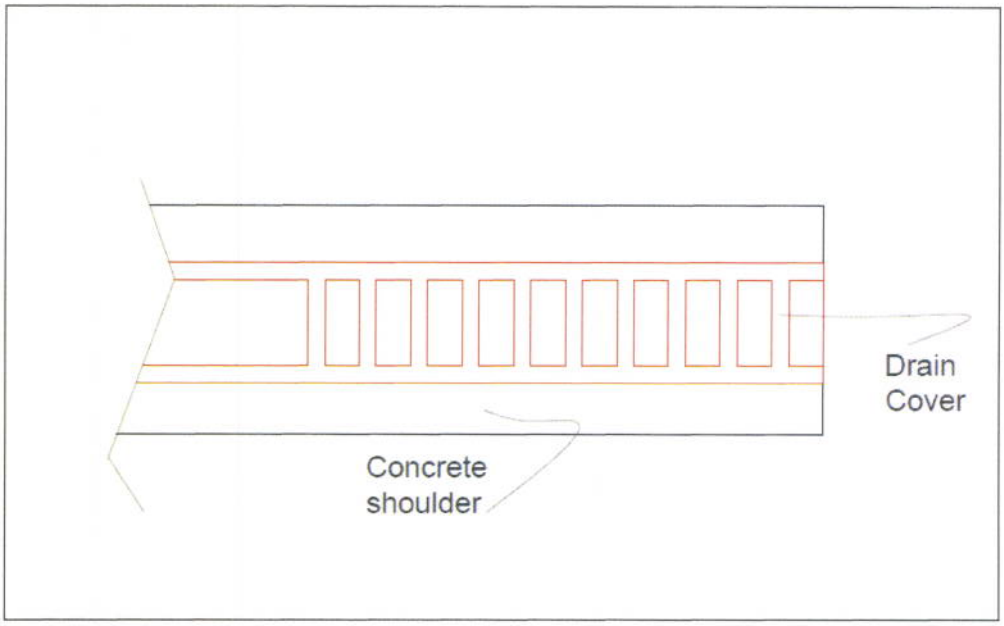

FIG. 1.1 Existing Condition (Plan)

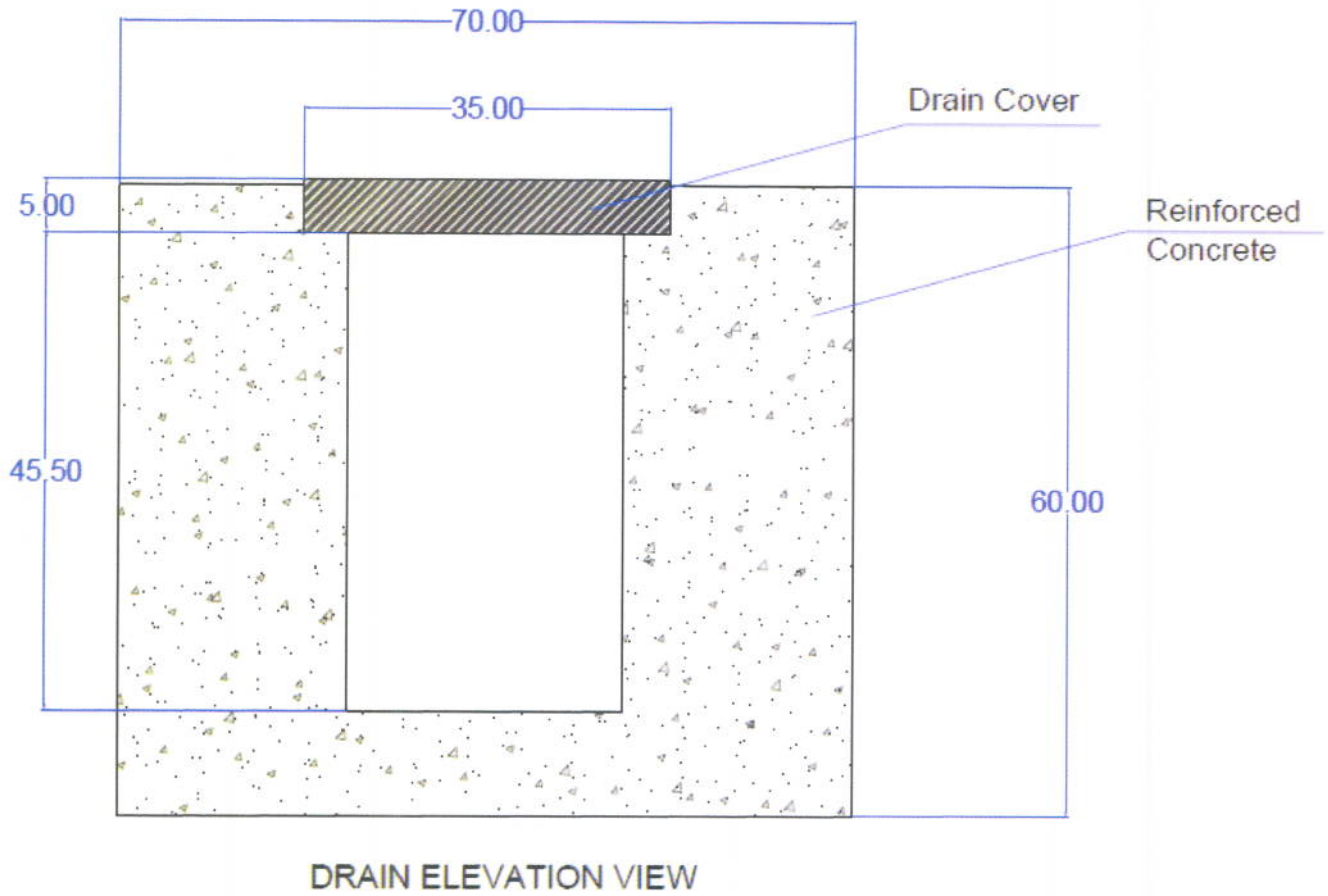

FIG.2. Existing Condition (Section)

-Existing Conditions:

Construction Safety Regulations

At the U.S. Embassy, Amman

OVERVIEW:

Monitoring of Post Managed construction projects for safety, health and environmental management rests on the POSHO (Post Occupational Safety and Health Officer) and/or Assistant POSHO who will review the site for health and safety plan, coordinate with the contractor for implementing the plan, and inspect the construction site to verify the contractor's safety and health plan is being fully implemented. If the POSHO and/or APOSHO observes any violations of the contractor's safety and health plan, he/she have the authority to stop the work until appropriate control measures are in place. The contractor will be responsible to report any mishap to the POSHO and/or APOSHO. The contractor shall complete the official the Department of State mishap reporting forms provided by the POSHO and/or APOSHO.

PURPOSE:

The intent of this Scope of Work is to inform contractors of their general responsibilities for post managed construction projects. Safety regulations and standards in this SOW serve as a guideline to the Contractor for follow when working on the intended construction project. Construction activities rank high in accident rate occupations. With introduction of simple safety measures, many construction mishaps may be avoided or the impact greatly reduced.

SCOPE OF WORK

• Per 15 FAM 935, contractors must provide their employees with a safe and healthful condition of employment.

• The contractor shall follow the **CONTRACTORS' GENERAL RESPONSIBILITIES**

• Contractor shall provide a comprehensive safety plan when biding for construction project Scope of Work that will be reviewed by the POSHO and/or APOSHO.

• The Contractor shall attend a safety briefing with the POSHO and/or APOSHO to review the contractor's safety plan before mobilizing to execute the project.

• The contractor shall ensure proper safety; health and environmental requirements of the US Corps of Engineers- Safety and Health Requirements Manuel EM 385-1-1 applicable to their project are followed.

• The contractor shall **provide** all required personal protective equipment (PPE) for all the workers on site, and shall **enforce** the use of the appropriate gear for specific hazards.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

The contractors shall be briefed in the initial safety briefing on Post's PPE standards and their responsibilities while performing work at post.

• Protective equipment for eyes, face, head, and extremities, protective clothing that includes safety shoes, respiratory devices, and protective shields and barriers, shall be used wherever it is necessary by reason of hazards of processes or environment, chemical hazards, radiological

hazards, or mechanical irritants encountered in a manner capable of causing injury or impairment in the function of any part of the body through absorption, inhalation or physical contact.

• Each affected employee shall use appropriate eye or face protection when exposed to eye or face hazards from flying particles, molten metal, liquid chemicals, acids or caustic liquids, chemical gases or vapors, or potentially injurious light radiation.

• Each affected employee shall use appropriate respiratory protection when potentially exposed to air contaminated with harmful dusts, fogs, fumes, mists, gases, smokes, sprays, or vapors and when such hazards cannot be reduced or eliminated by effective engineering controls.

• Each affected employee shall wear protective helmets when working in areas where there is a potential for injury to the head from falling objects. Protective helmets shall also be worn to reduce electrical shock hazards when near expose electrical conductors which could contact the head.

• Each affected employee shall wear protective footwear (safety shoes) when working in areas where there is a danger of foot injuries due to falling and rolling objects, or objects piercing the sole, and where such employee's feet are exposed to electrical hazards.

• Each affected employee shall wear protective ear wear whenever noise exposures equal or exceed an 8-hour time-weighted average sound level (TWA) of 80 decibels and when engineering controls cannot reduce or eliminate the hazard.

• Each affected employee shall wear protective gloves when working in areas where hands are exposed to hazards such as those from skin absorption of harmful substances; severe cuts or lacerations; severe abrasions; punctures; chemical burns; thermal burns; and harmful temperature extremes.

• The Contractor shall follow the **BARRICADING AND FENCING** safety regulations when applicable.
• The Contractor shall follow the **ELECTRICAL SAFETY** and **LOCKOUT / TAGOUT** safety regulations when applicable.
• The Contractor shall follow the **FALL PROTECTION** safety regulations when applicable.
• The Contractor shall follow the **HAZARD COMMUNICATIONS** safety regulations when applicable.
• The Contractor shall follow the **HAND AND POWER TOOL SAFETY** regulations when applicable.
• The Contractor shall follow the **SCAFFOLDING** safety regulations when applicable.
• The Contractor shall follow the **NOISE** safety regulations when applicable.
• The Contractor shall follow the **HOT WORK PERMIT** safety regulations when applicable.
• The Contractor shall follow the **TRENCHING AND EXCAVATIONS** safety regulations when applicable.
• The Contractor shall follow the **CONFINED SPACE ENTRY** safety regulations when applicable.