



PHILIPPINE GENERAL HOSPITAL
The National University Hospital
University of the Philippines Manila
OFFICE OF ENGINEERING AND TECHNICAL SERVICES
Taft Avenue, Manila

*PHIC-Accredited Health Care Provider
ISO 9001:2008 Certified*

Project Title : PROPOSED EXPANSION JOINT COVER
Location : OBAS-ER Building, Philippine General Hospital, Taft Avenue, Manila

SCOPE OF WORKS AND SPECIFICATIONS

1. GENERAL CONDITIONS

- 1.1 The Contractor shall furnish all the materials, labor, tools, equipment, and supervision for the completion of all the works of the Project as indicated on the plans, specifications and contract documents.
- 1.2 The Contractor shall visit and carefully examine the site and check all the possible interference and conditions affecting the works.
- 1.3 Extra care must be observed during dismantling works to avoid damage on the existing facilities such as Telephone and Internet Lines, Paging System Accessories, Medical Gas Lines, Sewer and Water Lines, etc. Any damaged thereof should be restored to its original status at the expense of the Contractor within two (2) weeks. Otherwise, construction activity will be stopped.
- 1.4 The Plans and Specifications shall be interpreted only by a competent registered Engineer. The Contractor are enjoined to confer with the Project Engineer of OETS on drawing/items he failed to understand before submitting his bid. No excuses shall be entertained for misinterpretation on the Plans and Specifications after the award of the Contract. All work as deemed provided by the OETS shall be carried out properly by the Contractor.
- 1.5 The Plans and Specifications are complimentary to each other, whatever is not mentioned in one but mentioned on the other shall be considered as if mentioned on both and shall be carried out properly by the Contractor.

- 1.6 Any inconsistency or discrepancy between the Plans and Specifications shall be brought immediately to the attention of the OETS Project Engineer/s who shall decide the correct version of the two.
- 1.7 No addition or alteration that will result in a change order from the contract shall be allowed without the approval of the PGH Administration. The Contractor shall bring the case to the OETS Project Engineer/s.
- 1.8 One set of the Plans, Specifications and Log Book shall always be kept at the jobsite to be available to the Project Inspector or his representative upon his request during the construction period.
- 1.9 Prior to the installation of any item or material the Contractor shall submit sample with complete specifications to OETS for evaluation. In case of testing, the Contractor shall notify the OETS and End-user at least one week in advance of making the required tests so that the arrangements can be made for their presence to witness the tests. The necessary materials, labor, devices and all others required to conduct such tests at no additional cost the Owner.
- 1.10 The Contractor is solely responsible for the safety, protection, and security of his personnel, the works, equipment, installations and the like. The Contractor shall adopt or apply the protective measures in accordance with the standards set by the Safety Organizations and the Department of Labor Standards.
- 1.11 The Contract Period of this project is **ONE HUNDRED THIRTY FIVE (135) CALENDAR DAYS.**

2. SITE WORK

2.1 Expansion Joint Preparations

All surfaces must be thoroughly cleaned of dirt, dust, free of loose materials, and grease. Remove debris or clean-up the joint/gap.

Floor to Floor gap preparation designed to match/fit to the expansion joint assembly per manufacturers' recommendation.

Block out finish and leveling

3. SYSTEM REQUIREMENTS

- 3.1 Provide joint/gap cover assemblies that permit unrestrained movement of joint without disengagement of cover and where applicable, maintain moisture, watertight and fire-rated protection.

- 3.1.1 Provide/install wall to ceiling expansion joint cover assemblies design matching floor to wall and floor to floor joint cover design.
 - 3.1.2 Provide expansion joint cover assembly samples of profiles, materials and configuration indicated, as required to accommodate joint size variations in adjacent surfaces, and anticipated movement.
 - 3.1.3 Provide/install expansion joint cover assemblies in longest practical lengths to minimize number of end joints.
 - 3.1.4 Provide/install expansion joint cover with factory mitered corners where joint changes directions or abuts other materials.
 - 3.1.5 Provide/install closure materials and transition pieces, tee-joints, corners, corners, curbs, cross connections and other assemblies.
- 3.2 Floor-to-Floor Metal Plate Cover and Frames
- 3.2.1 Metal frames, continuous on both sides designed to support cover plate.
 - 3.2.2 Flush design, seating surface and raised floor rim to accommodate adjacent flooring.
 - 3.2.3 Concealed anchorages for embedment in concrete.
 - 3.2.4 Cover plate shall be rattle free due to traffic.
- 3.3 Floor-to-Wall Metal Plate Cover and Frames
- 3.3.1 Metal frames continuous on floor side of joint only. Provide wall side frame where required by manufacturer's design.
- 3.4 Provide templates to related trades for location of support and anchorage items.

4. MATERIAL SPECIFICATIONS

The expansion joint cover assemblies must compliance to Leadership in Energy and Environment Design (LEED) and the Americans with Disabilities Act (ADA) Standards for accessible design.

- 4.1 Aluminum Plate: ASTM B209, Mill Finish
- 4.2 Structural Steel Shapes: ASTM A36/36M, base frame and centering bar.
- 4.3 Thermoplastic Rubber shall be;
 - a. ASTM C864
 - b. Dense Elastoprene or approved equivalent material standard with expansion joint manufacturers having the same properties.

4.4 Moisture Seals shall be Flexible Extruded Polyvinyl Chloride, meeting a Shore A hardness of 75 with UV stabilizer. Manufacturer's standard color.

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