Advance Contracting Notice

Date: 16 September 2013

Country/Borrower: Republic of the Philippines

Title of Proposed Project: Angat Water Transmission Improvement Project

Name and Address of the Executing Agency:

Metropolitan Waterworks and Sewerage System
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Brief Description of the Project:

The Angat Water Transmission Improvement Project aims to ensure continued water supply to Metro Manila’s population through the construction of a new water conveyance tunnel parallel to three existing tunnels. This additional tunnel will provide redundancy in the transportation capacity and will allow corrective and preventive maintenance of the other tunnels and the downstream aqueducts.

Brief Description of Goods and Related Services, Works or Consulting Services to be Procured:

The project consists of design and build of a new tunnel (Tunnel No. 4), parallel to the existing Tunnel No. 1, from Ipo to Bigte where it shall be connected to AQ5. The tunnel is approximately 6300m long between a portal breakout at the Ipo dam reservoir and a portal breakout at the Bigte water retaining basic. The tunnel depth is generally between 100m and 150m, with a maximum of approximately 200m. The depth at the inlet and outlet is approximately 10m and 8m, respectively. The tunnel finished internal span is approximately 4m.

The Scope of Work shall include:

1. Complete design, construction, installation and commissioning in accordance with the Contract requirements of:

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a. New Tunnel No.4 Intake Structure at Ipo Reservoir;
b. New Tunnel No.4 connecting Ipo Reservoir to a new transition basin at Bigte;
c. New transition basin at Bigte;
d. New conveyance connecting the new transition basin at Bigte to the existing transition Basin no.3 at Bigte;
e. Necessary modifications to the existing transition basin No.3 at Bigte to enable the unimpeded flow of not less than nineteen cubic meters per second (19.0m³/s) of water from the Ipo dam to the existing Aqueduct no.5 which conveys water from Bigte to the portals at the La Mesa reservoir in Novaliches.

2. Complete design and construction of site ancillaries including, but not limited to:
   a. Permanent access to the new Tunnel no. 4 Intake Structure at Ipo Reservoir.
   b. Provision of temporary accommodation and equipment for Employer/Engineer
   c. All temporary works necessary for the construction of the Works

3. Disposal of spoils resulting from excavation works
4. Preparation and submission of as-built drawings, O&M Manuals, list of any spare parts which may be required for operation of equipment supplied by the Contractor.
5. Training of Employer’s personnel in operation of the works.
6. Commissioning and performance testing of the completed works

**Date of Advance Action Approval:** 05 September 2013

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