



INVITATION TO BID

Date: December 9, 2009

Loan No. TXXV-5

Contract No.G-TN-R2-7 (R)

1. The Metropolitan Waterworks Authority (“The Authority”) has received a loan from the Japan International Cooperation Agency (“JICA”) toward the project cost for the Seventh Bangkok Water Supply Improvement Project (Phase II) and it is intended that part of the proceeds of this loan will be applied to eligible payments under the Contract for which this Invitation to Bid is issued. This is an Escalation Contract.
2. The Authority now invites sealed bids from the pre-qualified Bidders (either single firm or associated or joint venture) from the eligible source of countries of JICA for the transmission tunnel rehabilitation and related works of four section of existing transmission tunnel as follows:

SECTION I : From Si Phraya VC. to Lumpini VC. Diameter 2.5 m. approximate length 2.4 km.
SECTION II : From Pradipat VC. to Si Phraya VC. Diameter 2.8 m. approximate length 7.5 km.
SECTION III : From Lad Ya (Klong San) RS. to Tha Phra RS. Diameter 2.0 m. approximate length 3.7 km.
SECTION IV : From Lumpini VC. to Lumpini DS. Diameter 2.0 m. approximate length 0.186 km.
3. The Contract includes the following major works to be done :
 - Site survey and investigation of the existing condition of structure foundations and utilities.
 - Subsurface soil investigation.
 - Survey and investigation of the existing condition of transmission tunnel
 - Existing Working Shaft, Drop Structure, Riser Structure and Valve Chamber modification and restoration.
 - Supply and installation of mild steel tube including welding, lining and testing.
 - Removal of existing Riser Pipe and installation of new $\varnothing 2,000$ mm Riser Pipe and necessary requirement at Lad Ya (Klong San) RS.
 - Supply and installation of new 1- $\varnothing 1,800$ mm. Butterfly Valve and necessary requirement at Lad Ya (Klong San) RS.
 - Supply and installation of 1- $\varnothing 2,000$ mm. Butterfly Valve and necessary requirement to replace the existing one at Si Phraya VC.

- Replace the existing tunnel drain and bypass pipe with appurtenance.
 - Supply and installation of By-pass Piping System at Lumpini VC. and connection to existing trunk main.
 - Supply and installation of By-pass Piping System at Si Phraya VC. and connection to existing trunk main.
 - Hydrostatic test and disinfection.
 - Maintain existing transmission water system.
 - Infill Mortar between existing transmission tunnel concrete liner and mild steel tube.
 - Void Filling and Grouting caused by the water leakage around of existing tunnel.
 - Tunnel dewatering.
 - Instrumentation and monitoring.
 - Other related works such as temporary electricity, ventilation facilities and dewatering.
4. The Bidder may obtain further information on the bid and inspect the bidding documents at the office of Project Contracting Division Room No. 402, Metropolitan Waterworks Authority, Headquarter, 400 Prachachuen Road, Lak-Si District, Bangkok 10210, Thailand. Tel. 025040190.
 5. A complete set of Bidding Documents may be purchased by any prospective Bidder on submission of a written application to the address mentioned above of Baht 50,000 (Excluding Value Added Tax) since December 9, 2009 to December 25, 2009
 6. The Bidders or their representative are advised to attend a pre-bid meeting which will be convened at Room No.604, Piyarat Conference Room, Metropolitan Waterworks Authority, 400 Prachachuen Road, Lak-Si District, Bangkok on January 6, 2010 at 10.00 hours (Bangkok Time). The interesting persons are also invited to attend the meeting.
 7. All bids must be prepared in two separated and sealed envelopes, one contains information for Technical Proposal and another one contains the Cost Proposal in accordance with the requirements specified in the Bidding Documents Volume I and III, and the bids must be accompanied by a bid security in the amount of Baht 34,500,000 and must be delivered in accordance with the Instructions to Bidders on or before 10.00 hours (Bangkok time) on February 11, 2010 at Room No.401, 4th floor, Metropolitan Waterworks Authority, Headquarter, 400 Prachachuen Road, Lak-Si District, Bangkok 10210, Thailand.
 8. Bid opening will be made in accordance with the procedures stipulated in the Instructions to Bidder and Bidding Document, Volume I. (Part A.) The envelopes containing the information for Technical Proposal will be opened at 10.15 hours (Bangkok time) on February 11, 2010 and will be evaluated based on construction procedure proposal of bidders and conformity to requirements as specified in the Bidding Documents. The other related factors covering organization chart, construction schedule, list of subcontractors or suppliers and supply certificate from manufacturer will also be taken into account for consideration.
 9. Only one bid from an individual, firm, partnership or corporation under the same or different names will be considered for the same work. Should it be evident to the Authority that any bidder submitted more than one Bid for the same work, all bids in which such bidder submitted will not be accepted by the Authority. The Cost Proposal envelope will be returned unopened. A party who has quoted prices on materials to a bidder is not thereby disqualified from quoting prices to other bidders or from submitting a bid directly for the work.

10. Only the Cost proposals of those who pass Technical Proposal will be opened at 10.00 hours (Bangkok Time) on March 15, 2010. The opening of both envelopes will be performed in the presence of the bidders's representative who choose to attend at Room No.401, 4 th floor, Metropolitan Waterworks Authority, Headquarter, 400 Prachachuen Road, Laksi District, Bangkok 10210.
11. The Authority will return the Cost Proposal envelope(s) submitted by the bidder(s) who is disqualified in Technical examination unopened. The Authority will not be responsible for any cost or expenses incurred by the bidders in connection with the preparation of bid and/or with the submission of bids.
12. Bid opening and evaluation will be made in accordance with the procedures stipulated in the Instructions to Bidders and Bidding Documents, Volume I (Part A)
13. The Authority reserves the right to cancel the bid at any time, if necessary, without responsibilities to the expenses incurred by the bidders.
14. In case that a foreign juristic company has been selected as the successful bidder, such foreign juristic company has to obtain a Foreign Business License in Thailand in accordance with the Foreign Business Act.B.C 2542 (1999) and to present such license to the Authority. If such company has failed in obtaining the Business License due to his own reason, the Authority reserves the right to cancel the contract with this foreign company, and in such case, the Authority will not be responsible for any cost or expense incurred by this bidder.
15. In pursuance of the Regulations of Office of the Prime Minister on Procurement B.E.2535, as amended, the Authority requires that all bidders shall not have jointly interest with other bidders or shall not have an obstruction of fair price competition. To comply with this requirement the Authority
 - a. will announce list of eligible bidders.
 - b. will reject any bidders determined having jointly interest with other bidders or having an obstruction of fair price competition.

METROPOLITAN WATERWORKS AUTHORITY

(Mr.Niphon Sirithanakich)

Director of Project Contracting Division