



Department of Science and Technology  
**INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE**

DOST Cpd., General Santos Ave., Bicutan, Taguig City  
Tel. Nos. : 837-2071 to 82 (DOST Trunklines) Telefax No.: 837-3167  
<http://www.itdi.dost.gov.ph>

**PROJECT :** DRILLING, CONSTRUCTION OF ONE EXPLORATORY WELL & INSTALLATION OF  
PACKOUTING GROUNDWATER SYSTEM IN CALAMBA, LAGUNA

**LOCATION :** DOST Compound, Gen. Santos Ave., Bicutan, Taguig City

**OWNER :** Industrial Technology Development Institute (ITDI)

**SUBJECT :** BID BULLETIN NO. 1

**Date :** August 26, 2015

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This Bid Bulletin No. 1 is being issued to Bidders for their information and guidance in the preparation of their bids and shall be taken into consideration in their proposal. This bid bulletin will form part of the contract for this project.

**1. Governing Rules:**

Bidding and contract award for the above project shall be governed by the Revised Implementing Rules and Regulations of RA 9184, 2009 and the Philippine Bidding Documents (PBD), Fourth Edition, December 2010. Any discrepancy between the General Conditions and RA 9184, R.A 9184 shall prevail, with latest amendments per GPPB Resolution No. 25-2013.

**2. Marking and Sealing of Bids**

- a. Contents of sealed envelope marked "**ORIGINAL BID**"  
Sealed Envelope 1 marked "**Original – Eligibility & Technical Proposal**"  
Sealed Envelope 2 marked "**Original – Financial Proposal**"
- b. Contents of sealed envelope marked "**COPY NO. 1**"  
Sealed Envelope 1 marked "**Copy No. 1 – Eligibility & Technical Proposal**"  
Sealed Envelope 2 marked "**Copy No. 1 – Financial Proposal**"
- c. Contents of sealed envelope marked "**COPY NO. 2**"  
Sealed Envelope 1 marked "**Copy No. 2 – Eligibility & Technical Proposal**"  
Sealed Envelope 2 marked "**Copy No. 2 – Financial Proposal**"
- d. The sealed outer envelopes marked "**ORIGINAL BID**", "**COPY NO. 1**" and "**COPY NO. 2**" shall be enclosed in **one single envelope/package**.
- e. All envelopes shall contain the following:

**PROJECT: DRILLING, CONSTRUCTION OF ONE EXPLORATORY WELL & INSTALLATION  
OF PACKOUTING GROUNDWATER SYSTEM IN CALAMBA, LAGUNA**

(NAME AND ADDRESS OF BIDDER IN CAPITAL LETTER)

**TO: THE INDUSTRIAL TECHNOLOGY DEVELOPMENT INSTITUTE (ITDI)**

**MS. LYDIA M. ABLAÑA**  
**ITDI-BAC CHAIRMAN-INFRA**  
Metrology Building, DOST Compound  
Bicutan, Taguig City

**"DO NOT OPEN BEFORE: September 4, 2015; 10:00 A.M**

### 3. Items to be considered in the preparation of Bid

- 3.1 Bid Proposal shall be in Philippine currency.
- 3.2 The bid shall be signed on each and every page by the duly authorized signatory of the bidder. Items with erasures on the bid should bear the initials of the authorized signatory.
- 3.3 Pursuant to GPPB Resolution No. 25-2013: Bidders shall submit a **Bid Securing Declaration AND at least one (1) other Bid Security**, the amount of which shall be equal to a percentage of the ABC in accordance with the following schedule:

Forms of bid Security	Amount of Bid Security (Equal to Percentage of the ABC)
a) Cash or Cashier's/manager's check issued by a Universal or Commercial Bank	Two percent (2%)
b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	
c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	Five percent (5%)
d) Any combination of the foregoing	Proportionate to share of form with respect to total amount of security

- 3.4 To guarantee the faithful performance by the winning bidder of its obligations under the contract, it shall post at least two (2) performance security taken from two (2) categories below the amount of which shall be equal to a percentage of the total contract price in accordance with the following schedule:

Forms of Performance Security	Amount of Performance Security (Equal to Percentage of the Total Contract Price)
a) Cash or Cashier's/manager's check issued by a Universal or Commercial Bank	Goods and Consulting Services - Five Percent (5%)
b) Bank draft/guarantee or irrevocable letter of credit issued by a Universal or commercial Bank: Provided, however, that it shall be confirmed or authenticated by a Universal or Commercial Bank, if issued by a foreign bank	Infrastructure Projects – Ten percent (10%)
c) Surety bond callable upon demand issued by a surety or insurance company duly certified by the Insurance Commission as authorized to issue such security	Thirty percent (30%)
d) Any combination of the foregoing	Proportionate to share of form with respect to total amount of security

- 3.5 All bidders should conduct actual site investigation. For this project, the Certificate of Site Inspection should be signed by PRIMA JOY MARGARITO/VICTORIA HAGAD. The Certificate of Site Inspection shall be included in the envelope for Technical Components.

### 4. Project Duration: Sixty (60) Calendar days

### 5. Submission of Bids: September 4, 2015 between 9:30 to 10:00 A.M.

Bids submitted beyond 10:00 A.M. will no longer be accepted.

**Opening of bids 10:00 A.M;** Metrology Conference Room, 2<sup>nd</sup> Floor Metrology Building, ITDI, Bicutan Taguig City.

## **6. Questions/clarifications not raised during Pre-bid conference**

- 6.1 Questions/clarifications should be made in writing, addressed to the BAC Chair-Infra.
- 6.2 In the written query, company name and the project name should be indicated.
- 6.3 Additional bid bulletin, if any, will be issued regarding the matter.
- 6.4 Questions/Clarifications can be sent to telephone/fax no. 837-20-71 loc. 2221

## **7. Technical Specifications:**

- 7.1 Include 0-120 m under the "Reaming of Pilot Hole to 350 mm diameter"
- 7.2 The materials for casing is changed from spiral welded stainless steel casing to spiral welded steel casing as stated in the preliminary well design
- 7.3 The length of the casing is changed from 98 m to 97 m
- 7.4 Given that the casing is 97 m and the screens is 24 m, consequently, the total length for the installation of casing, screens and packouting groundwater system is 121 m.
- 7.5 Delete the item "Furnishing of 100 bags cement poteullaenteu or rapid hardening cement for grouting". The item "Cement grouting of annular space around between casing and borehole using cement poteullaenteu or rapid hardening cement is already sufficient.

**Attached is the revised scope of works and specifications for the details.**

Issued by:



**MS. LYDIA M. ABLAÑA**  
ITDI-BAC Chairman-Infra

Project: Drilling, construction of one exploratory well and installation of Packouting Groundwater System  
in Calamba, Laguna

**SCOPE OF WORKS AND SPECIFICATIONS**

Item No.	Description	QTY	Unit	Estimated Cost
1	Preparation of site and setting all equipment	1	no.	Php2,000,000.00
2	Drilling of 250 mm diameter pilot hole including strata sampling every penetration or less when change of formation occurs	120	m	
3	Reaming of pilot hole to 350 mm diameter 0-120 m	120	m	
4	Geophysical borehole logging (electricity resistivity and self potential)	1	no.	
5	Furnishing and installation of 200 mm nominal diameter spiral welded steel casing with minimum wall thickness of 6 mm incl. 0.8 m stick up and sump pipe	97	m	
6	Furnishing and installation of 200 mm nominal diameter stainless steel continuous slot wirewound screens, slot size 1.5 mm, 3 m length each section or with min. open area of 30%	24	m	
7	Installation of casings, screens, and packouting groundwater system (compressible packer unit)	121	m	
8	Furnishing and installation of gravel pack at annulus around casings and screens 7-10 mm well graded round particles	109	m	
9	Furnishing and installation of 50mm diameter galvanized gravel fill pipe with screw cap	36 or 40	m	
10	Development by surging including bailing out settlements	12	hours	
11	Development by airlift method	12	hours	
12	Step drawdown pumping test with five steps at one hour duration each step carried out in succession with discharge rate increasing in equal fractions of expected maximum discharge of 30 liter per second (lps) - water quality and quantity testing	1	no.	
13	Continuous constant discharge rate pumping test, Q=30lps	72	hours	
14	Cement grouting of annular space around between casing and borehole using cement poteullaenteu or rapid hardening cement	36 or 40	m	
15	Furnishing and installation of 37.5 mm diameter water level sounding tube	1	no.	
16	Temporary facilities	1	lot	
17	Preparation and submission of well drilling report and recommendation	1	no.	
<b>TOTAL</b>				<b>Php2,000,000.00</b>