

## Bid Notice Abstract

### Invitation to Bid (ITB)

Reference Number	11820832
Procuring Entity	MANAOAG WATER DISTRICT
Title	Exploratory Well Drilling at Brgy. Licsi and Pipelaying with Interconnections from Licsi to Pao, Manaoag, Pangasinan
Area of Delivery	Pangasinan

<b>Solicitation Number:</b>	prs#11157	<b>Status</b>	<b>Closed</b>
<b>Trade Agreement:</b>	Implementing Rules and Regulations	<b>Associated Components</b>	1
<b>Procurement Mode:</b>	Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b>	Goods	<b>Document Request List</b>	4
<b>Category:</b>	Well Drilling and Construction Services	<b>Date Published</b>	28/02/2025
<b>Approved Budget for the Contract:</b>	PHP 11,550,000.00	<b>Last Updated / Time</b>	28/02/2025 00:00 AM
<b>Delivery Period:</b>	120 Day/s	<b>Closing Date / Time</b>	07/03/2025 11:00 AM
<b>Client Agency:</b>			
<b>Contact Person:</b>	Marlene Constancia Manaois Bac Chairperson Aquino St. Manaoag Pangasinan Philippines 2430 63-075-09209766271  marcons_manaois@yahoo.com.ph		

<b>Description</b>
Exploratory Well Drilling at Brgy. Licsi and Pipelaying with Interconnections from Licsi to Pao, Manaoag, Pangasinan
ITEM NO. DESCRIPTION QUANTITY UNIT 1 PRELIMINARIES (Well Drilling and Pipelaying) 1 LS 2 GEORESISTIVITY SURVEY 1 LS 3 MOBILIZATION 1 LS 4 CONSTRUCTION OF TEMPORARY FACILITIES 1 LS 5 CONSTRUCTION SAFETY AND HEALTH PROTOCOL 1 LS 5.1 Warning Device/Barricades 5.2 Logbooks/Weather Charts 5.3 Personal Protective Equipment (PPE) & First Aid Supplies 6 SITE PREPARATION 1 LS Preparation of Rig Foundation, Mudpit Canal and Borehole Guide 7 SETTING UP OF RIG INCLUDING TEST RUN 1 LS 8 DRILLING OF 200mm PILOT HOLE including strata sampling every one (1) meter interval from 1m to 60m 9 GEOPHYSICAL BOREHOLE LOGGING OF PILOT HOLE 1 LS Including fee of hydrogeologist for the signing & sealing of logging result with recommended final well design and electronic file of logging result as required 10 WELL PLUMBNESS AND ALIGNMENT 1 LS 11 REAMING OF PILOT HOLE TO 400mm BOREHOLE 60 LM 12 FURNISHING, FABRICATION AND INSTALLATION OF 250mm SPIRAL 30 LM WELDED STEEL CASING WITH MINIMUM THICKNESS OF 9mm (BLANK CASING) Including 6.0m sump pipe with tapered bottom and end cap (SEE DRAWING OF SUMP PIPE AND WELL TAPERED BOTTOM) 13 FURNISHING, FABRICATION AND INSTALLATION OF 250mm STAINLESS STEEL 30 LM CONTINUOUS SLOT DESIGN WIREWOUND SCREEN, CONSTRUCTED OF VEE-WIRE TRAPEZOIDAL WIRE, RESISTANCE WELDED JUNCTIONS, SLOT SIZE 40 AND 3M EACH SECTION 14 FURNISHING AND INSTALLATION OF GRAVEL PACK ON ANNULAR SPACE 42 LM AROUND CASING AND SCREENS FROM WELL BOTTOM TO 18m BELOW GROUND LEVEL 15 DEFLOCCULATE DRILLING MUD WITH POLYHYPHOSPHATE SOLUTION 1 LS 16 DEVELOPMENT BY HIGH PRESSURE AIRLIFTING 12 HRS. 17 STEP DRAWDOWN PUMP TEST WITH FIVE (5) STEPS AT ONE (1) HOUR DURATION USING 1 LS 40hp PUMP AND MOTOR Including two (2) hours flushing, Each step carried out in succession with discharge rate increasing in equal fraction with estimated discharge of more than 30 lps 18 CONTINUOUS CONSTANT DISCHARGE RATE PUMPING TEST USING 30HP PUMP AND MOTOR 72 HRS. Estimated Q higher than 30 lps including bailing out of remaining sand and other settlements 19 RECOVERY TEST 12 HRS. 20 WATER QUALITY ANALYSIS OF RAW WATER 1 LS Including signed and original report 21 FURNISHING AND INSTALLATION OF 50mm GRAVEL FILL PIPE AND 50mm WATER LEVEL 1 LS

SOUNDING PIPE WITH SCREW CAP (GI)		
22 CEMENT GROUTING OF ANNULUS USING FAST CURING SPECIALTY GROUT FROM NATURAL 18 LM GROUND LEVEL TO STANDARD 15m BELOW NGL		
23 FURNISHING AND INSTALLATION OF WELL HEAD CAP, CONCRETING OF PEDESTAL AND PAINTING 1 LS OF FILL PIPES, SOUNDING PIPES AND PEDESTAL		
24 DEMOBILIZATION , SITE CLEARING AND RESTORATION 1 LS		
PIPELAYING		
25 PIPELINES		
25.a 200mm (8") uPVC Pipes Series 8 Mechanical Seal (machine installed Integrated Seal of EPDM 480 LM Rubber with metal reinforcement),conform to requirements of the Philippine National Standard Specifications for Unplasticized Polyvinyl Chloride (uPVC) pipes for Potable Water Supply (PNS 65-Technical Standard Specification) and approved by the Bureau of Product Standards (BPS)		
25.b 150mm (6") uPVC Pipes Series 8 Mechanical Seal (machine installed Integrated Seal of EPDM 1780 LM Rubber with metal reinforcement),conform to requirements of the Philippine National Standard Specifications for Unplasticized Polyvinyl Chloride (uPVC) pipes for Potable Water Supply (PNS 65-Technical Standard Specification) and approved by the Bureau of Product Standards (BPS)		
26 VALVES AND FITTINGS		
26.a Brass/Ductile Iron/Galvanized Iron/Cast Iron with PN16-PN25 Pressure Rating, Industrial Grade 1 LS (Couplings, Wyes, Tees, Elbows, Reducers, Mechanical Gate Valves, Check Valves,etc.		
27 APPURTENANCES		
27.a Blow-off Valve 1 EA		
27.b Air Release Valve 1 EA		
28 PAVEMENT DEMOLITION AND RESTORATION		
28.a Concrete pavement demolition 480 LM		
28.b Concrete asphalt surface restoration 150 CU.M.		
28.c Sand bedding 138 CU.M.		
29 WATER TREATMENT/HYDROTESTING		
29.a Pipe disinfection (High Concentrate Chlorine Injection) 1 LS		
Hydrotest: 120 psi for at least 24 hours		
30 LABOR		
30.a Excavation and Backfilling 2260 LM		
30.b Pipelaying, Interconnection, Cross Roads, Bridge Crossing, etc.		
30.b1 8" Pipe 480 LM		
30.b2 6" Pipe 1780 LM		
31 OTHER ITEMS		
31.a Caution Tapes 1 LS		
Pre-bid Conference		
Date	Time	Venue
03/03/2025	9:00:00 AM	Manaoag Water District Office

**Created by** Cecilia Mata Pinpin

**Date Created** 27/02/2025

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