

PHNOM PENH WATER SUPPLY AUTHORITY

Framework Agreement No. CKH1273 01P

The Bakheng Water Supply Project – Phase 3

INVITATION FOR BIDS

The Supply and Delivery of Valves and Accessories (Batch 1)

IPC No.: BKG3-02-AC-A-PPWSA/AFD

Date of Issue: **August 22, 2025**
Name of Country: **Kingdom of Cambodia**
Contract N° and Title: **BKG3-02-AC-A-PPWSA/AFD, The Supply and Delivery of Valves and Accessories (Batch 1)**
Deadline for Submission of Bids: **October 20, 2025, at 15:30 (Cambodia Standard Time)**

1. The Kingdom of Cambodia has secured financing from the Agence Française de Développement (AFD) towards the cost of the Bakheng Water Supply Project – Phase 3. A portion of this financing will be allocated to eligible payments under Contract No.: BKG3-02-AC-A-PPWSA/AFD, which covers the supply and delivery of Valves and Accessories (Batch 1).
2. The Phnom Penh Water Supply Authority (PPWSA) (“the Purchaser”) hereby invites sealed bids from eligible bidders for the supply and delivery of Valves and Accessories (Batch 1), with the following detailed requirements:

Item No.	Description	Unit	Quantity
C	Accessories		
C1	Double Flanged Gate Valve PN 10, including accessories (gasket, bolts, nuts and washers) for flanges. Face to face dimensions according to EN558:2008 serie 14 (Euro 20 NG Type 23 or equivalent)		
C1-1	DN 65 mm	PCs	750
C1-2	DN 80 mm	PCs	950
C1-3	DN 100 mm	PCs	981
C1-4	DN 150 mm	PCs	389
C1-5	DN 200 mm	PCs	441
C1-6	DN 250 mm	PCs	6
C1-7	DN 300 mm	PCs	124
C2	Double Flanged Manual Butterfly Valve PN10 including accessories (gasket, bolts, nuts and washers) for flanges, gearbox (manufactured by Aumar or equivalent), hand wheel and telescopic extension spindle (length 2.5m to 4.5m)		
C2-1	DN 400 mm	PCs	0
C2-2	DN 500 mm	PCs	0
C2-3	DN 600 mm	PCs	6
C2-4	DN 800 mm	PCs	0
C2-5	DN 1000 mm	PCs	2
C2-6	DN 1200 mm	PCs	0
C2-7	DN 1400 mm	PCs	6
C2-8	DN 1600 mm	PCs	0
C3	Flange Adaptor for Ductile Iron Pipe (restrainer)		
C3-1	OD 63mm	PCs	900
C3-2	OD 90mm	PCs	800
C3-3	OD 110mm	PCs	800
C4	Electromagnetic flow meter, complete with transmitter, batteries, cables and mounting accessories		

Item No.	Description	Unit	Quantity
C4-1	DN 80 mm	PCs	55
C4-2	DN 100 mm	PCs	20
C4-3	DN 150 mm	PCs	4
C4-4	DN 200 mm	PCs	0
C4-5	DN 250 mm	PCs	0
C4-6	DN 300 mm	PCs	0
C5	Data Logger & Pressure Sensor (as indicated below or equivalent) for DMA		
C5-1	GSM Data Logger, model LACROIX SOFREL LS42 (latest version), complete with all cables and mounting accessories	PCs	30
C5-2	Piezoresistive pressure sensor, model LACROIX CNPr, 10-bar, DIN 3852-1/4" gas connector, complete with cables	PCs	30
C5-3	Battery for datalogger Sofrel LS42	PCs	21
C6	Data Logger with integrated Pressure sensor (as indicated below or equivalent) for Big Customer's electromagnetic flow meter		
C6-1	GSM Data Logger, model Technolog Cello 4s-2i, complete with all cables and mounting accessories	PCs	14
C6-2	Battery for datalogger Technolog Cello 4s-2i	PCs	40
C7	Pressure Reducing Valve full port (with gaskets, bolts and nuts) including strainer box (with top access) and complete remote control (GSM/NB-IoT Controller compatible with PPWSA's SCADA Software, 1 datalogger at 1 critical point for closed loop, battery, cables...)		
C7-1	DN 200 mm	PCs	0
C7-2	DN 250 mm	PCs	0
C7-3	DN 300 mm	PCs	0
C7-4	DN 400 mm	PCs	0
C8	Flanged 3 ways Air Valve with isolating valve (gate valves serie 14) included, gasket, bolt and nuts for flange		
C8-1	DN 80 mm	PCs	0
C8-2	DN 100 mm	PCs	7
C8-3	DN 150 mm	PCs	2
C8-4	DN 200 mm	PCs	24
C9	Flange Air Valve with isolating valve included, complete and including gasket, bolts and nuts		
C9-1	Single AV DN 65mm	PCs	100
C10	Smart card hydrant/ Electronic water dispenser with access by smart card		
C10-1	Smart Hydrant DN 80 with 1 Outlet DN65	PCs	0
C10-2	Web Software with RFID Card Reader	PCs	0
C11	Hydrant		
C11-1	Hydrant DN80, single outlet DN65	PCs	30
C11-2	S bend DN80	PCs	0
C11-3	Watermeter DN80	PCs	30
C12	Miscellaneous items		
C12-1	Bentley Openflow Water GEMS SELECT Subscription 3 years annual fees (CAPEX) - adds support and maintenance, including 24/7/365 technical support and access to online learning resources	LS	1
C12-2	Battery for electromagnetic flow meter (Siemens SITRANS MAG 8000 Transmitter remote replacement c/w internal battery)	PCs	0
C12-3	Siemens SITRANS MAG 8000 External lithium battery pack IP68 Nema 6P with connector 4D cell 3.6 V 66 Ah	PCs	0

3. Interested Eligible bidders may obtain further information and inspect the Bidding Documents at the Planning and Foreign Project Management Office within the Planning and Project Department of PPWSA. The office hours are from 8:00 AM to 4:30 PM (Cambodia Standard Time), Monday to Friday. The PPWSA is located at #45, Street 106, Sangkat Srah Chork, Khan Daun Penh, Phnom Penh, Kingdom of Cambodia. For additional inquiries: +855 96 751 1116 or +855 17 543 237.

4. To purchase the bidding documents, in English, bidders shall:
 - (i) A complete set of bidding documents may be purchased by interested bidders upon submitting a written application to the address indicated above. The hard copy of bidding document is available for a non-refundable fee of Two Hundred US Dollars (US\$ 200), payable in cash. If a soft copy is requested in addition to the hard copy, an additional fee of One Hundred US Dollars (US\$ 100) in cash will be charged. If a bidder requests the overseas delivery of the bidding document through a logistics provider, additional costs will be applied before sending it out in this regard.
 - (ii) Phnom Penh Water Supply Authority (PPWSA) will not be liable for any delays in delivery or loss of documents that are sent via mail or courier.
5. Bidders must submit their bid:
 - (iii) To the Phnom Penh Water Supply Authority (PPWSA) **on or before 15:30 (local time) on October 20, 2025.** The submission is made at the Hall Room, located on the 3rd floor of the New Administration Building, PPWSA, #45, Street 106, Sangkat Srah Chork, Khan Daun Penh, Phnom Penh, Kingdom of Cambodia.
 - (iv) Together with a Bid Security in the specified amount of Forty-Eight Thousand US Dollar (US\$ 48,000) and a Power of Attorney.
 - (v) Bidders shall not have the option of submitting their Bids electronically.
6. The bids will be opened promptly on the submission date at the address and time indicated in item (iii) of point 5 above, in the presence of bidders' representatives who choose to attend. Late bids will be rejected.
7. Qualification criteria and additional details are outlined in the Bidding Documents.