

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 Ductile Iron Pipes and Fittings for

Secondary Transmission Mains

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

Date of Issue: **September 11, 2026**

Name of Country: **Kingdom of Cambodia**

Contract N° and Title: **BKG3-02-STM-A-PPWSA/AFD, The Supply and Delivery of Ductile Iron Pipes and Fittings for Secondary Transmission Mains**

Deadline for Submission of Bids: **November 10, 2026, at 14:30 (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-STM-A-PPWSA/AFD, which covers the supply and delivery of Ductile Iron Pipes and Fittings for Secondary Transmission Mains.
2. The Phnom Penh Water Supply Authority (PPWSA) (“the Purchaser”) hereby invites sealed bids from eligible bidders for the supply and delivery of Ductile Iron Pipes and Fittings for Secondary Transmission Mains, with the following detailed requirements:

Item N°	Description of goods	Unit	Quantity
1	Ductile Iron Pipe - Spigot Socket with Push-on Joint (non-anchored joint) including EPDM elastomer gasket.		
1.1	DN 800	m	1,202.35
1.2	DN 600	m	21,306.00
1.3	DN 500	m	10,200.00
1.4	DN 400	m	15,672.00
1.5	DN 300	m	49,578.00
1.6	DN 250	m	12,774.00
1.7	DN 200	m	0.00
1.8	DN 150	m	0.00
1.9	DN 100	m	0.00
2	Ductile Iron Pipe - Spigot Socket with Self Anchored Joint including EPDM elastomer gasket and complete accessories for self-anchored joint.		
2.1	DN 800	m	434.07
2.2	DN 600	m	2,004.00
2.3	DN 500	m	0.00
2.4	DN 400	m	312.00
2.5	DN 300	m	5,184.00
2.6	DN 250	m	1,434.00
2.7	DN 200	m	0.00
2.8	DN 150	m	90.00
2.9	DN 100	m	0.00
3	Ductile Iron - Double flanged pipe (welded with length ... mm) complete and including gaskets, bolts, nuts and washers for both sides.		
3.1	DN 800, L=1000 mm	U	1.00
3.2	DN 600, L=1000 mm	U	0.00
3.3	DN 500, L=1000 mm	U	0.00
3.4	DN 400, L=1000 mm	U	0.00
3.5	DN 300, L=600 mm	U	55.00
3.6	DN 300, L=1000 mm	U	2.00
3.7	DN 250, L=1000 mm	U	17.00
3.8	DN 250, L=500 mm	U	0.00

Item N°	Description of goods	Unit	Quantity
3.9	DN 200, L=1000 mm	U	15.00
3.10	DN 200, L=500 mm	U	0.00
3.11	DN 150, L=500 mm	U	0.00
3.12	DN 100, L=1000 mm	U	158.00
3.13	DN 80, L=1000 mm	U	89.00
4	Double flange anchoring pipe with puddle flange complete and including gaskets, bolts, nuts and washers (Integral with lengthmm)		
4.1	DN 800, L=1000 mm Flange: Integral	U	0.00
4.2	DN 600, L=1000 mm Flange: Integral	U	20.00
4.3	DN 500, L=1000 mm Flange: Integral	U	18.00
4.4	DN 400, L=1000 mm Flange: Integral	U	18.00
4.5	DN 300, L=1000 mm Flange: Integral	U	0.00
4.6	DN 250, L=600 mm Flange: Integral	U	12.00
4.7	DN 200, L=600 mm Flange: Integral	U	18.00
4.8	DN 150, L=600 mm Flange: Integral	U	39.00
4.9	DN 100, L=600 mm Flange: Integral	U	19.00
5	Flanged spigot pipe complete and including gaskets, bolts and nuts (welded with lengthmm)		
5.1	DN 800, L=1000 mm, flange: fixed	U	2.00
5.2	DN 600, L=1000 mm, flange: fixed	U	0.00
5.3	DN 500, L=1000 mm, flange: fixed	U	0.00
5.4	DN 400, L=1000 mm, flange: fixed	U	0.00
5.5	DN 300, L=1000 mm, flange: fixed	U	0.00
5.6	DN 300, L=600 mm, flange: fixed	U	0.00
5.7	DN 250, L=600 mm, flange: fixed	U	15.00
5.8	DN 200, L=500 mm, flange: fixed	U	0.00
5.9	DN 150, L=500 mm flange: fixed	U	0.00
6	Flange socket with Self Anchored Joint complete and including EPDM elastomer gasket, accessories for self anchored joint and accessories (gasket, bolts, nuts and washers) for flange.		
6.1	DN 800; Flange: fixed	U	0.00
6.2	DN 600; Flange: rotatable	U	50.00
6.3	DN 500; Flange: rotatable	U	25.00
6.4	DN 400; Flange: rotatable	U	16.00
6.5	DN 300; Flange: rotatable	U	0.00
6.6	DN 250; Flange: rotatable	U	0.00
6.7	DN 200; Flange: rotatable	U	0.00
6.8	DN 150; Flange: rotatable	U	0.00
6.9	DN 100; Flange: rotatable	U	0.00
7	Double socket bend with Self-Anchored Joint complete and including EPDM elastomer gaskets and accessories for self-anchored joint		
7.1	DN 800, 45°	U	14.00
7.2	DN 800, 22.5°	U	4.00
7.3	DN 800, 11,25°	U	0.00
7.4	DN 600, 45°	U	65.00
7.5	DN 600, 22.5°	U	17.00
7.6	DN 600, 11,25°	U	6.00
7.7	DN 500, 45°	U	0.00
7.8	DN 500, 22.5°	U	0.00
7.9	DN 500, 11,25°	U	0.00
7.10	DN 400, 90°	U	0.00
7.11	DN 400, 45°	U	60.00
7.12	DN 400, 22.5°	U	11.00
7.13	DN 400, 11,25°	U	0.00
7.14	DN 300, 90°	U	6.00
7.15	DN 300, 45°	U	0.00
7.16	DN 300, 22.5°	U	42.00
7.17	DN 300, 11,25°	U	40.00
7.18	DN 250, 45°	U	0.00
7.19	DN 250, 90°	U	0.00
7.20	DN 200, 90°	U	0.00

Item N°	Description of goods	Unit	Quantity
7.21	DN 150, 90°	U	4.00
7.22	DN 100, 90°	U	29.00
8	All flanged bend complete and including gaskets, bolts, nuts and washers for both sides		
8.1	DN 300, 90° rotatable flange	U	14.00
8.2	DN 300, 45° rotatable flange	U	0.00
8.3	DN 200, 90° rotatable flange	U	34.00
8.4	DN 100, 90° rotatable flange	U	0.00
8.5	DN 80, 90° rotatable flange	U	0.00
8.6	DN 150, 90° rotatable flange	U	1.00
9	Double socket tee DN 1 with Flanged Branch DN 2, Push-on Joint, complete and including EPDM elastomer gaskets for sockets and accessories (gasket, bolts, nuts and washers) for flange.		
9.1	DN 800/600; Flange: Rotatable	U	0.00
9.2	DN 800/500; Flange: Rotatable	U	0.00
9.3	DN 800/400; Flange: Rotatable	U	1.00
9.4	DN 800/300; Flange: Rotatable	U	0.00
9.5	DN 800/250; Flange: Rotatable	U	0.00
9.6	DN 800/150; Flange: Rotatable	U	0.00
9.7	DN 600/600; Flange: Rotatable	U	0.00
9.8	DN 600/500; Flange: Rotatable	U	1.00
9.9	DN 600/400; Flange: Rotatable	U	0.00
9.10	DN 600/300; Flange: Rotatable	U	0.00
9.11	DN 600/250; Flange: Rotatable	U	0.00
9.12	DN 600/100; Flange: Rotatable	U	1.00
9.13	DN 500/500; Flange: Rotatable	U	0.00
9.14	DN 500/400; Flange: Rotatable	U	0.00
9.15	DN 500/300; Flange: Rotatable	U	0.00
9.16	DN 500/250; Flange: Rotatable	U	0.00
9.17	DN 500/100; Flange: Rotatable	U	0.00
9.18	DN 400/400; Flange: Rotatable	U	0.00
9.19	DN 400/300; Flange: Rotatable	U	2.00
9.20	DN 400/200; Flange: Rotatable	U	0.00
9.21	DN 400/150; Flange: Rotatable	U	0.00
9.22	DN 400/100; Flange: Rotatable	U	0.00
9.23	DN 300/300; Flange: Rotatable	U	0.00
9.24	DN 300/250; Flange: Rotatable	U	0.00
9.25	DN 300/200; Flange: Rotatable	U	0.00
9.26	DN 300/65; Flange: Rotatable	U	0.00
9.27	DN 250/250; Flange: Rotatable	U	0.00
9.28	DN 250/200; Flange: Rotatable	U	0.00
9.29	DN 250/150; Flange: Rotatable	U	0.00
9.30	DN 250/65; Flange: Rotatable	U	0.00
10	Double socket tee DN 1 with Flanged Branch DN 2, Self Anchored Joint, complete and including EPDM elastomer gaskets for sockets, accessories for self-anchored joint and accessories (gasket, bolts, nuts and washers) for flange ISO PN10.		
10.1	DN 800/600; Flange: Rotatable	U	2.00
10.2	DN 800/500; Flange: Rotatable	U	1.00
10.3	DN 800/400; Flange: Rotatable	U	0.00
10.4	DN 800/300; Flange: Rotatable	U	1.00
10.5	DN 800/150; Flange: Rotatable	U	0.00
10.6	DN 600/500; Flange: Rotatable	U	8.00
10.7	DN 600/400; Flange: Rotatable	U	0.00
10.8	DN 600/300; Flange: Rotatable	U	7.00
10.9	DN 600/250; Flange: Rotatable	U	0.00
10.10	DN 600/100; Flange: Rotatable	U	0.00
10.11	DN 500/500; Flange: Rotatable	U	0.00
10.12	DN 500/400; Flange: Rotatable	U	0.00
10.13	DN 500/300; Flange: Rotatable	U	0.00
10.14	DN 500/250; Flange: Rotatable	U	0.00

Item N°	Description of goods	Unit	Quantity
10.15	DN 500/100; Flange: Rotatable	U	0.00
10.16	DN 400/400; Flange: Rotatable	U	0.00
10.17	DN 400/300; Flange: Rotatable	U	0.00
10.18	DN 400/200; Flange: Rotatable	U	0.00
10.19	DN 400/100; Flange: Rotatable	U	2.00
10.20	DN 300/300; Flange: Rotatable	U	0.00
10.21	DN 300/250; Flange: Rotatable	U	0.00
10.22	DN 300/200; Flange: Rotatable	U	0.00
10.23	DN 300/65; Flange: Rotatable	U	20.00
10.24	DN 250/250; Flange: Rotatable	U	0.00
10.25	DN 250/200; Flange: Rotatable	U	10.00
10.26	DN 250/150; Flange: Rotatable	U	0.00
10.27	DN 250/65; Flange: Rotatable	U	10.00
11	Double socket invert level tee DN 1 Push-on Joint with flanged branch DN 2, complete and including EPDM elastomer gaskets for sockets and accessories (gasket, bolts, nuts and washers) for flange		
11.1	ILT 800/200; Flange: Rotatable	U	0.00
11.2	ILT 800/150; Flange: Rotatable	U	1.00
11.3	ILT 600/150; Flange: Rotatable	U	4.00
11.4	ILT 600/100; Flange: Rotatable	U	0.00
11.5	ILT 500/150; Flange: Rotatable	U	3.00
11.6	ILT 400/100; Flange: Rotatable	U	10.00
12	Double socket invert level tee DN 1 with Self Anchored joint with flanged branch DN 2, complete and including EPDM elastomer gaskets for sockets, accessories for self-anchored joint and accessories (gasket, bolts, nuts and washers) for flange		
12.1	ILT 800/200; Flange: Rotatable	U	3.00
12.2	ILT 800/150; Flange: Rotatable	U	2.00
12.3	ILT 600/150; Flange: Rotatable	U	2.00
12.4	ILT 600/100; Flange: Rotatable	U	6.00
12.5	ILT 500/150; Flange: Rotatable	U	12.00
12.6	ILT 400/100; Flange: Rotatable	U	10.00
13	All Socket Tee DN1 with Socket Branch DN2, Self-Anchored Joint on all 3 sockets, complete and including EPDM elastomer gaskets and accessories for self-anchored joint		
13.1	DN 800/800	U	0.00
13.2	DN 600/600	U	4.00
13.3	DN 500/500	U	0.00
13.4	DN 400/400	U	0.00
13.5	DN 300/300	U	4.00
13.6	DN 300/200	U	16.00
13.7	DN 250/250	U	0.00
13.8	DN 200/200	U	6.00
14	All Flange Tee complete and including EPDM elastomer gaskets and accessories (gasket, bolts, nuts and washers) for flange		
14.1	DN 800/800; Flange: All rotatable	U	0.00
14.2	DN 800/600; Flange: All rotatable	U	0.00
14.3	DN 800/500; Flange: All rotatable	U	0.00
14.4	DN 800/400; Flange: All rotatable	U	0.00
14.5	DN 800/300; Flange: All rotatable	U	0.00
14.6	DN 800/200; Flange: All rotatable	U	0.00
14.7	DN 800/150; Flange: All rotatable	U	0.00
14.8	DN 600/600; Flange: All rotatable	U	2.00
14.9	DN 600/500; Flange: All rotatable	U	3.00
14.10	DN 600/400; Flange: All rotatable	U	3.00
14.11	DN 600/300; Flange: All rotatable	U	2.00
14.12	DN 600/200; Flange: All rotatable	U	3.00
14.13	DN 600/100; Flange: All rotatable	U	0.00
14.14	DN 500/500; Flange: All rotatable	U	2.00
14.15	DN 500/400; Flange: All rotatable	U	2.00
14.16	DN 500/300; Flange: All rotatable	U	2.00
14.17	DN 500/200; Flange: All rotatable	U	2.00

Item N°	Description of goods	Unit	Quantity
14.18	DN 500/100; Flange: All rotatable	U	0.00
14.19	DN 400/400; Flange: All rotatable	U	0.00
14.20	DN 400/300; Flange: All rotatable	U	0.00
14.21	DN 300/300; Flange: All rotatable	U	2.00
14.22	DN 300/200; Flange: All rotatable	U	0.00
14.23	DN 300/100; Flange: All rotatable	U	2.00
14.24	DN 250/250; Flange: All rotatable	U	15.00
14.25	DN 250/200; Flange: All rotatable	U	0.00
14.26	DN 200/200; Flange: All rotatable	U	4.00
15	Double Socket Concentric Taper DN 1/DN 2 with Self Anchored Joint, complete and including EPDM elastomer gaskets and accessories for self-anchored joint		
15.1	DN 800/600	U	0.00
15.2	DN 600/500	U	0.00
15.3	DN 600/400	U	7.00
15.4	DN 500/400	U	15.00
15.5	DN 400/300	U	0.00
15.6	DN 300/250	U	0.00
16	Double flanged concentric taper DN1/DN2 complete and including accessories (gaskets, bolts, nuts and washers) for all sides.		
16.1	DN 800/600; Flange: Fixed	U	0.00
16.2	DN 600/500; Flange: Fixed	U	0.00
16.3	DN 500/400; Flange: Fixed	U	4.00
16.4	DN 400/300; Flange: Fixed	U	0.00
16.5	DN 300/250; Flange: Fixed	U	0.00
16.6	DN 150/100; Flange: Fixed	U	50.00
16.7	DN 100/80; Flange: Fixed	U	50.00
17	Double flanged taper (flat type) complete and including gaskets, bolts, nuts for all sides		
17.1	DN 300/200; Flange: Fixed	U	6.00
17.2	DN 250/200; Flange: Fixed	U	2.00
17.3	DN 200/150; Flange: Fixed	U	3.00
17.4	DN 150/100; Flange: Fixed	U	10.00
18	Blank flange complete, including gasket, bolts, washers and nuts (ISO PN 10)		
18.1	DN 800	U	0.00
18.2	DN 600	U	0.00
18.3	DN 500	U	0.00
18.4	DN 400	U	0.00
18.5	DN 300	U	44.00
18.6	DN 250	U	0.00
18.7	DN 200	U	0.00
19	Collar complete, including EPDM elastomer gaskets, glands, nuts and bolts		
19.1	DN 800	U	0.00
19.2	DN 600	U	15.00
19.3	DN 500	U	0.00
19.4	DN 400	U	0.00
19.5	DN 300	U	0.00
19.6	DN 250	U	0.00
20	Self-Restrained <i>Dismantling Joint</i> complete, including EPDM elastomer and accessories (gaskets, nuts, washers and bolts) for flanges PN10		
20.1	DN 800	U	0.00
20.2	DN 600	U	11.00
20.3	DN 500	U	3.00
20.4	DN 400	U	1.00
20.5	DN 300	U	0.00
20.6	DN 250	U	0.00
20.7	DN 200	U	0.00
21	Manhole Frame and Cover, heavy duty according to use and including "PPWSA" marking		
21.1	Manhole cover (ventilated)	U	152.00
21.2	Manhole cover (non-ventilated)	U	0.00

8 m.g

Item N°	Description of goods	Unit	Quantity
22	Pack of accessories for Self-Anchored Joint, for the self-anchored joint proposed for pipes and fittings		
22.1	DN 800	U	2.00
22.2	DN 600	U	21.00
22.3	DN 500	U	17.00
22.4	DN 400	U	20.00
22.5	DN 300	U	27.00
22.6	DN 250	U	7.00
22.7	DN 200	U	5.00
22.8	DN 150	U	11.00
22.9	DN 100	U	40.00
23	Gasket for non-anchored joint		
23.1	DN 800	U	22.00
23.2	DN 600	U	73.00
23.3	DN 500	U	44.00
23.4	DN 400	U	43.00
23.5	DN 300	U	71.00
23.6	DN 250	U	30.00
23.7	DN 200	U	30.00
23.8	DN 150	U	45.00
23.9	DN 100	U	60.00
24	Valve box		
24.1	Valve Box (with "PPWSA" marking)	U	5 000.00
25	Double flanged expansion joint PN10 with all accessories (gaskets, bolts, nuts and washers)		
25.1	DN 800	U	3.00
25.2	DN 600	U	10.00
25.3	DN 500	U	2.00
25.4	DN 400	U	4.00

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 to 16:30 (Cambodia Standard Time), Monday to Friday, excluding public holidays. 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 bidding documents, in both hard and soft copy, are available upon payment of a non-refundable fee of Three Hundred United States Dollars (US\$300), payable in cash. 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 Authority (PPWSA) on **November 11, 2026 at 14:30 (Local time)**.
 - (iv) 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.
 - (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 (iv) 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.