

# INVITATION FOR BIDS

Date: 04 June 2021

Name of Country: **Kingdom of Cambodia**

Name of Project: **The Bakheng Water Supply Project**

IPC No: **BKG-02-STM-B-PPWSA/EU**

- The Phnom Penh Water Supply Authority (PPWSA) has received grant from the European Union's Asia Investment Facility, managed by the European Investment Bank (EIB) toward the Bakheng Water Supply Project. PPWSA intends to apply a portion of the funds to eligible payments under the contract for the Supply and delivery of ductile iron pipes and fittings for secondary transmission main (Batch 2).
- The Phnom Penh Water Supply Authority now invites sealed bids from eligible bidders for the procurement of ductile iron pipes and fittings for secondary transmission main (Batch 2):

Item	Description	Unit	Quantity
<b>A</b>	<b>DUCTILE IRON PIPES</b>		
<b>A1</b>	<b>Ductile Iron Pipe - Spigot Socket with T-Type Push-on Joint (Standard or equivalent) including EPDM elastomer gasket. Effective length = 6m.</b>		
A1-1	DN 250 mm, class C40	m	1 662
A1-2	DN 300 mm, class C40	m	16 584
A1-3	DN 400 mm, class C30	m	5 706
A1-4	DN 500 mm, class C30	m	6 390
<b>A2</b>	<b>Ductile Iron Pipe - Spigot Socket with Self-Anchored Joint (K-Type / Std VE or equivalent, TF-Type / Std VI or equivalent, or other as appropriate) including EPDM elastomer gasket and complete accessories for self-anchored joint. Effective length = 6m.</b>		
A2-1	DN 250 mm, class C40, TF-Type	m	420
A2-2	DN 300 mm, class C40, TF-Type	m	3 036
A2-3	DN 400 mm, class C30, TF-Type	m	660
A2-4	DN 500 mm, class C30, TF-Type	m	1 002
<b>B</b>	<b>DUCTILE IRON FITTINGS</b>		
<b>B1</b>	<b>Ductile Iron Flanged Pipe - Double flanged pipe (welded with length ... mm) complete and including gaskets, bolts, nuts and washers for both sides.</b>		
B1-1	DN 300, L=500 mm	PCs	12
<b>B2</b>	<b>Ductile Iron Flanged Pipe - Double flanged anchoring pipe with puddle flange (welded with length ... mm) complete and including gaskets, bolts, nuts and washers for both sides.</b>		
B2-1	DN 80 mm, L=600 mm	PCs	75
B2-2	DN 100 mm, L=600 mm	PCs	77
B2-3	DN 150 mm, L=600 mm	PCs	45
B2-4	DN 300 mm, L=1000 mm	PCs	22
<b>B3</b>	<b>Flange spigot pipe (welded with length ... mm) complete and including gaskets, bolts, nuts and washers for both sides.</b>		
B3-1	DN 200 mm, L=500 mm	PCs	39
B3-2	DN 250 mm, L=500 mm	PCs	41
B3-3	DN 300 mm, L=500 mm	PCs	53
B3-4	DN 400 mm, L=500 mm	PCs	10
B3-5	DN 500 mm, L=500 mm	PCs	10
<b>B4</b>	<b>Flange socket with Self-Anchored Joint (K-Type / Std VE or equivalent, TF-Type / Std VI or equivalent, or other as appropriate) complete and including EPDM elastomer gasket, accessories for self anchored-joint and accessories (gasket, bolts, nuts and washers) for flange.</b>		
B4-1	DN 100 (TF-Type)	PCs	38
B4-2	DN 150 (TF-Type)	PCs	38
B4-3	DN 200 (TF-Type)	PCs	45
B4-4	DN 250 (TF-Type)	PCs	80
B4-5	DN 300 (TF-Type)	PCs	20
B4-6	DN 400 (TF-Type)	PCs	17
<b>B5</b>	<b>Double socket bend with Self-Anchored Joint (K-Type / Std VE or equivalent, TF-Type / Std VI or equivalent, or other as appropriate) complete and including EPDM elastomer gaskets and accessories for self-anchored joint.</b>		
B5-1	DN 100 mm, 90°, TF-Type	PCs	31
B5-2	DN 200 mm, 90°, TF-Type	PCs	28
B5-3	DN 250 mm, 90°, TF-Type	PCs	32
B5-4	DN 300 mm, 90°, TF-Type	PCs	36
B5-5	DN 250 mm, 45°, TF-Type	PCs	88
B5-6	DN 300 mm, 45°, TF-Type	PCs	99
B5-7	DN 400 mm, 45°, TF-Type	PCs	33

Item	Description	Unit	Quantity
B5-8	DN 500 mm, 45°, TF-Type	PCs	35
<b>B6</b>	<b>All flanged bend complete and including gaskets, bolts, nuts and washers for both sides.</b>		
B6-1	DN 80 mm, 90°	PCs	48
B6-2	DN 100 mm, 90°	PCs	20
B6-3	DN 150 mm, 90°	PCs	33
B6-4	DN 250 mm, 45°	PCs	20
B6-5	DN 300 mm, 45°	PCs	28
B6-6	DN 400 mm, 45°	PCs	4
<b>B7</b>	<b>Double socket tee DN 1 with T-Type Push-on Joint (Standard or equivalent), with Flanged Branch DN 2, complete and including EPDM elastomer gaskets for sockets and accessories (gasket, bolts, nuts and washers) for flange. Indicate: rotatable or fixed flange.</b>		
B7-1	DN 250/65 mm, flange:	PCS	3
B7-2	DN 250/100 mm, flange:	PCs	18
B7-3	DN 250/150 mm, flange:	PCs	20
B7-4	DN 250/200 mm, flange:	PCs	20
B7-5	DN 250/250 mm, flange:	PCs	18
B7-6	DN 300/65 mm, flange:	PCs	9
B7-7	DN 300/100 mm, flange:	PCs	36
B7-8	DN 300/150 mm, flange:	PCs	56
B7-9	DN 300/200 mm, flange:	PCs	60
B7-10	DN 300/250 mm, flange:	PCs	26
B7-11	DN 300/300 mm, flange:	PCs	26
B7-12	DN 400/100 mm, flange:	PCs	10
B7-13	DN 400/200 mm, flange:	PCs	15
B7-14	DN 400/400 mm, flange:	PCs	10
B7-15	DN 500/100 mm, flange:	PCs	10
B7-16	DN 500/200 mm, flange:	PCs	25
B7-17	DN 500/250 mm, flange:	PCs	10
B7-18	DN 500/300 mm, flange:	PCs	11
<b>B8</b>	<b>Double socket tee DN 1 with Self-Anchored Joint (K-Type / Std VE or equivalent, TF-Type / Std VI or equivalent, or other as appropriate), 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. Indicate: rotatable or fixed flange.</b>		
B8-1	DN 250/65 mm, TF-Type, flange:	PCs	2
B8-2	DN 250/100 mm, TF-Type, flange:	PCs	20
B8-3	DN 250/150 mm, TF-Type, flange:	PCs	23
B8-4	DN 250/200 mm, TF-Type, flange:	PCs	26
B8-5	DN 250/250 mm, TF-Type, flange:	PCs	17
B8-6	DN 300/65 mm, TF-Type, flange:	PCs	15
B8-7	DN 300/100 mm, TF-Type, flange:	PCs	34
B8-8	DN 300/150 mm, TF-Type, flange:	PCs	69
B8-9	DN 300/200 mm, TF-Type, flange:	PCs	67
B8-10	DN 300/250 mm, TF-Type, flange:	PCs	28
B8-11	DN 300/300 mm, TF-Type, flange:	PCs	26
B8-12	DN 400/100 mm, TF-Type, flange:	PCs	15
B8-13	DN 400/200 mm, TF-Type, flange:	PCs	20
B8-14	DN 400/400 mm, TF-Type, flange:	PCs	10
B8-15	DN 500/100 mm, TF-Type, flange:	PCs	16
B8-16	DN 500/200 mm, TF-Type, flange:	PCs	30
B8-17	DN 500/250 mm, TF-Type, flange:	PCs	15
B8-18	DN 500/300 mm, TF-Type, flange:	PCs	15
B8-19	DN 500/500 mm, TF-Type, flange:	PCs	10
<b>B9</b>	<b>Double socket invert level tee DN 1 with T-Type Push-on Joint (Standard or equivalent), with Flanged Branch DN 2, complete and including EPDM elastomer gaskets for sockets and accessories (gasket, bolts, nuts and washers) for flange.</b>		
B9-1	DN 400/100 mm	PCs	4
B9-2	DN 500/150 mm	PCs	4
<b>B10</b>	<b>All Flanged Tee DN 1 with flanged branch DN 2, complete and including gaskets, bolts, nuts and washers for all sides.</b>		
B10-1	DN 250/250 mm	PCs	7
B10-2	DN 300/300 mm	PCs	7

Item	Description	Unit	Quantity
<b>B11</b>	<b>Double Socket Concentric Taper DN1/DN2 with Self-Anchored Joint (K-Type / Std VE or equivalent, TF-Type / Std VI or equivalent, or other as appropriate), complete and including EPDM elastomer gaskets and accessories for self-anchored joint.</b>		
B11-1	DN 300/250 mm	PCs	4
<b>B12</b>	<b>Double flanged concentric taper DN1/DN2 complete and including gaskets, bolts, nuts and washers for both sides.</b>		
B12-1	DN 250/150 mm	PCs	8
B12-2	DN 250/200 mm	PCs	21
B12-3	DN 300/250 mm	PCs	15
B12-4	DN 400/300 mm	PCs	3
<b>B13</b>	<b>Blank flange complete, including gasket, bolts, washers and nuts (ISO PN 10)</b>		
B13-1	DN 65 mm	PCs	400
B13-2	DN 80 mm	PCs	550
B13-3	DN 100 mm	PCs	680
B13-4	DN 150 mm	PCs	630
B13-5	DN 200 mm	PCs	620
B13-6	DN 250 mm	PCs	25
B13-7	DN 300 mm	PCs	30
B13-8	DN 400 mm	PCs	10
B13-9	DN 500 mm	PCs	10
<b>B14</b>	<b>Collar (Express Joint or equivalent) complete, including EPDM elastomer gaskets, glands, bolts and nuts.</b>		
B14-1	DN 250 mm	PCs	25
B14-2	DN 300 mm	PCs	55
B14-3	DN 400 mm	PCs	15
B14-4	DN 500 mm	PCs	15
<b>B15</b>	<b>Pack of accessories for Self-Anchored Joint, similar to the self-anchored joint proposed for pipes and fittings</b>		
B15-1	DN 300 mm, TF-Type	PCs	30
B15-2	DN 400 mm, TF-Type	PCs	20
B15-3	DN 500 mm, TF-Type	PCs	20
<b>B16</b>	<b>Manhole Frame and Cover, heavy duty according to use and including "PPWSA" marking.</b>		
B16-1	Manhole cover (ventilated)	PCs	12
<b>B17</b>	<b>Miscellaneous</b>		
B17-1	Valve box (brand PPWSA) - PAVA 19	PCs	4 075

- Interested eligible bidders may obtain further information from and inspect the bidding documents at the office of Planning and Project Department, PPWSA #45, Street 106, Srash Chak, Daun Penh, Phnom Penh, Kingdom of Cambodia. **Telephone and Fax: 855-23-427657 at 08H00 to 16H00 from Monday to Friday.**
- A complete set of bidding documents may be purchased by interested bidders on the submission of a written application to the above and upon payment of a non-refundable fee of US\$100 and the method of payment will be cash, cashier's check or direct deposit to **Account No. USD 010-02-88-000001-0 at VATTANAC Bank, Phnom Penh.** The document will be sent by registered airmail at an additional cost of US\$40, but PPWSA will not be held responsible for late delivery or loss of the documents mailed.
- The procurement procedure will be carried out in line with the EIB's Guide to Procurement which can be accessed at the following URL: [https://www.eib.org/attachments/strategies/guide\\_to\\_procurement\\_en.pdf](https://www.eib.org/attachments/strategies/guide_to_procurement_en.pdf)
- Bids must be delivered to the above office on or before 15:30 (local time) on **04 August 2021** and must be accompanied by a bid security in an amount of **100,000.00USD (One Hundred Thousand United States Dollars)**.
- Bids will be opened in the presence of bidders' representatives who choose to attend at 14:00 (local time) on **04 August 2021** on **3<sup>rd</sup> floor of New Admin Building (Conference Hall) of Phnom Penh Water Supply Authority (PPWSA), #45, Street 106, Srash Chak, Daun Penh, Phnom Penh, Kingdom of Cambodia, Telephone: 855-23-427657.**
- Qualification criteria and Additional details are provided in the Bidding Documents.