

INVITATION FOR BIDS

Date: 08-June-2020

Name of Country: Kingdom of Cambodia

Name of Project: The Bakheng Water Supply Project

IPC No: BKG-02-PTM-A-PPWSA/AFD

- The Phnom Penh Water Supply Authority (PPWSA) has received funds from the Agence Française de Développement (AFD) and European Investment Bank (EIB) towards the cost of The Bakheng Water Supply Project. It is intended that part of the proceeds of these funds will be applied to eligible payments under the contract for The Supply and Delivery of Ductile Iron Pipes and Fittings for Primary Transmission Main (Batch 1).
- The Phnom Penh Water Supply Authority now invites sealed bids from eligible bidders for the procurement of Ductile Iron Pipes and Fittings for Primary Transmission Main (Batch 1):

Item	Description	Unit	Quantity
1	Ductile Iron Pipe - Spigot Socket with T-Type Push-on Joint (Standard or equivalent) including EPDM elastomer gasket.		
1.1	DN 2000, C25, L=8.15 m	m	302
1.2	DN 1400, C25, L=8.15 m	m	2,111
1.3	DN 1200, C-25, L=8.15 m	m	5,542
1.4	DN 1000, C25, L=6 m	m	1,194
1.5	DN 800, C25, L=6 m	m	3,174
1.6	DN 600, C30, L=6 m	m	6,432
1.7	DN 500, C30, L=6 m	m	150
1.8	DN 400, C30, L=6 m	m	6
1.9	DN 200, C30, L=6 m	m	12
1.10	DN 150, C30, L=6 m	m	102
2	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.		
2.1	DN 2000 (K-Type or as appropriate), C25, L=8.15 m	m	212
2.2	DN 1400 (K-Type), C25, L=8.15 m	m	130
2.3	DC 1200 (K-Type), C-25, L=8.15 m	m	416
2.4	DN 1000 (K-Type), C25, L=6 m	m	72
2.5	DN 800 (K-Type), C25, L=6 m	m	138
2.6	DN 600 (K-Type), C30, L=6 m	m	732
2.7	DN 500 (TF-Type), C30, L=6 m	m	60
2.8	DN 400 (TF-Type), C30, L=6 m	m	48
2.9	DN 300 (TF-Type), C30, L=6 m	m	54
2.10	DN 250 (TF-Type), C30, L=6 m	m	30
2.11	DN 200 (TF-Type), C30, L=6 m	m	180
2.12	DN 150 (TF-Type), C30, L=6 m	m	60
S	Steel pipe, according to specifications		
S.1	DN 1200	m	75
S.2	DN 800	m	20
S.3	DN 600	m	65
3	Ductile Iron Flanged Pipe - Double flanged pipe (welded with length ... mm) complete and including gaskets, bolts, nuts and washers for both sides.		
3.1	DN 1200, L=1000 mm	PCs	2
3.2	DN 800, L=800 mm	PCs	2
3.3	DN 600, L=600 mm	PCs	2
4	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.		
4.1	DN 2000, L=2000 mm	PCs	1
4.2	DN 1600, L=2000 mm	PCs	1
4.3	DN 1400, L=2000 mm	PCs	1
4.4	DN 1200, L=1000 mm	PCs	6
4.5	DN 1000, L=1000 mm	PCs	2
4.6	DN 800, L=1000 mm	PCs	10
4.7	DN 600, L=700 mm	PCs	10
4.8	DN 500, L=1000 mm	PCs	2
4.9	DN 400, L=1000 mm	PCs	9
4.10	DN 300, L=500 mm	PCs	4
4.11	DN 200, L=600 mm	PCs	7
4.12	DN 200, L=500 mm	PCs	24
4.13	DN 150, L=600 mm	PCs	15

Item	Description	Unit	Quantity
4.14	DN 150, L=500 mm	PCs	5
5	Flange spigot pipe (welded with length ... mm) complete and including gaskets, bolts, nuts and washers for both sides.		
5.1	DN 800, L=600 mm	PCs	1
5.2	DN 600, L=600 mm	PCs	3
5.3	DN 150, L=500 mm	PCs	9
6	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.		
6.1	DN 2000 (K-Type or as appropriate)	PCs	2
6.2	DN 1400 (K-Type)	PCs	1
6.3	DN 1200 (K-Type)	PCs	8
6.4	DN 800 (K-Type)	PCs	6
6.5	DN 600 (K-Type)	PCs	19
6.6	DN 500 (TF-Type)	PCs	3
6.7	DN 400 (TF-Type)	PCs	15
6.8	DN 300 (TF-Type)	PCs	8
6.9	DN 250 (TF-Type)	PCs	8
6.10	DN 200 (TF-Type)	PCs	74
6.11	DN 150 (TF-Type)	PCs	40
7	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.		
7.1	DN 2000, 22.5° (K-Type or as appropriate)	PCs	2
7.2	DN 1400, 45° (K-Type)	PCs	2
7.3	DN 1200, 45° (K-Type)	PCs	12
7.4	DN 1200, 22.5° (K-Type)	PCs	1
7.5	DN 1000, 45° (K-Type)	PCs	4
7.6	DN 800, 45° (K-Type)	PCs	4
7.7	DN 800, 22.5° (K-Type)	PCs	2
7.8	DN 800, 11.25° (K-Type)	PCs	4
7.9	DN 600, 90° (K-Type)	PCs	1
7.10	DN 600, 45° (K-Type)	PCs	13
7.11	DN 600, 22.5° (K-Type)	PCs	5
7.12	DN 600, 11.25° (K-Type)	PCs	3
7.13	DN 500, 45° (TF-Type)	PCs	4
7.14	DN 400, 90° (TF-Type)	PCs	3
7.15	DN 400, 45° (TF-Type)	PCs	4
7.18	DN 200, 90° (TF-Type)	PCs	6
7.19	DN 150, 90° (TF-Type)	PCs	2
8	All flanged bend complete and including gaskets, bolts, nuts and washers for both sides.		
8.1	DN 1200, 45°	PCs	4
8.2	DN 800, 45°	PCs	2
8.3	DN 600, 45°	PCs	2
8.4	DN 200, 90°	PCs	15
9	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.		
9.1	DN 1400/300	PCs	1
9.2	DN 1200/300	PCs	2
9.3	DN 1000/500	PCs	1

Item	Description	Unit	Quantity
9.4	DN 1000/300	PCs	1
9.5	DN 800/300	PCs	9
9.6	DN 800/150	PCs	6
9.7	DN 600/400	PCs	1
9.8	DN 600/300	PCs	5
9.9	DN 600/250	PCs	5
9.10	DN 600/100	PCs	13
9.11	DN 500/500	PCs	1
9.12	DN 500/300	PCs	1
9.13	DN 500/100	PCs	1
9.14	DN 400/400	PCs	1
10	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.		
10.1	DN 1400/600 (K-Type)	PCs	2
10.2	DN 1200/600 (K-Type)	PCs	1
10.3	DN 1200/400 (K-Type)	PCs	2
10.4	DN 1000/600 (K-Type)	PCs	1
10.5	DN 800/600 (K-Type)	PCs	2
10.6	DN 800/300 (K-Type)	PCs	1
10.7	DN 600/600 (K-Type)	PCs	2
10.8	DN 600/400 (K-Type)	PCs	1
10.9	DN 600/100 (K-Type)	PCs	1
10.10	DN 400/400 (TF-Type)	PCs	1
10.11	DN 300/300 (TF-Type)	PCs	4
10.12	DN 250/250 (TF-Type)	PCs	2
10.13	DN 200/200 (TF-Type)	PCs	7
11	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.		
11.1	DN 1400/300	PCs	2
11.2	DN 1400/250	PCs	3
11.3	DN 1200/200	PCs	16
11.4	DN 1000/200	PCs	5
11.5	DN 800/200	PCs	8
11.6	DN 800/150	PCs	6
11.7	DN 600/150	PCs	10
12	Double socket invert level 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.		
12.1	DN 1200/200	PCs	4
12.2	DN 1000/200	PCs	2
12.3	DN 800/200	PCs	2
12.4	DN 600/150	PCs	8
12.5	DN 500/150	PCs	1
13	All Socket Tee DN 1 with Socket Branch DN 2, with Self-Anchored Joint (TF-Type / Std VI or equivalent) on all 3 sockets, complete and including EPDM elastomer gaskets and accessories for self-anchored joint.		
13.1	DN 500/500	PCs	1
14	All Flanged Tee DN 1 with flanged branch DN 2, complete and including gaskets, bolts, nuts and washers for all sides.		

Item	Description	Unit	Quantity
14.1	DN 2000/1400	PCs	1
14.2	DN 1400/300	PCs	1
14.3	DN 600/600	PCs	2
14.4	DN 600/300	PCs	2
14.5	DN 250/250	PCs	3
15	All Flanged Invert Level Tee DN 1 with flanged branch DN 2 complete and including gaskets, bolts, nuts and washers for all sides.		
15.1	DN 2000/400	PCs	1
15.2	DN 1400/300	PCs	1
15.3	DN 1200/200	PCs	2
16	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.		
16.1	DN 1400/1200	PCs	1
16.2	DN 1200/1000	PCs	1
16.3	DN 800/600	PCs	2
16.4	DN 600/500	PCs	1
16.5	DN 600/400	PCs	2
17	Double flanged concentric taper DN1/DN2 complete and including gaskets, bolts, nuts and washers for both sides.		
17.1	DN 2000/1600	PCs	1
17.2	DN 600/500	PCs	4
17.3	DN 600/400	PCs	2
17.4	DN 400/300	PCs	1
18	Double Flanged Flat Reducer complete and including gaskets, bolts, nuts and washers for both sides.		
18.1	DN 250/200	PCs	3
19	Blank flange complete and including gasket, bolts, washers and nuts.		
19.1	DN 1600	PCs	1
19.2	DN 800	PCs	1
19.3	DN 400	PCs	2
19.4	DN 300	PCs	19
19.5	DN 250	PCs	7
19.6	DN 200	PCs	7
20	Collar (Express Joint or equivalent) complete, including EPDM elastomer gaskets, glands, bolts and nuts.		
20.1	DN 1400mm	PCs	1
20.2	DN 1200mm	PCs	3
20.3	DN 1000mm	PCs	2
20.4	DN 800mm	PCs	5
20.5	DN 600mm	PCs	2
20.6	DN 500mm	PCs	10
20.7	DN 400mm	PCs	4
21	Manhole Frame and Cover, heavy duty according to use and including "PPWSA" marking.		
21.1	Manhole cover (ventilated)	PCs	31
21.2	Manhole cover (non-ventilated)	PCs	62
22	Pack of accessories for Self-Anchored Joint (K-Type / Std VE or equivalent, TF-Type / Std VI or equivalent), similar to the self-anchored joint proposed for pipes and fittings.		
22.1	DN 1200 (K-Type)	PCs	20
22.2	DN 1000 (K-Type)	PCs	10
22.3	DN 800 (K-Type)	PCs	30
22.4	DN 600 (K-Type)	PCs	10
22.5	DN 500 (TF-Type)	PCs	10

3. 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, Srah Chak, Daun Penh, Phnom Penh, Kingdom of Cambodia. Telephone and Fax: 855-23-427657 at 08H00 to 16H00 from Monday to Friday.

4. 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.

5. The provisions in the Instructions to Bidders and in the General Conditions of Contract are the provisions

of the Agence Française de Développement's Standard Bidding Documents: Procurement of Goods.

6. Bids must be delivered to the above office on or before 14:00 (local time) on 12-August-2020 and must be accompanied by a bid security in an amount of 300,000.00 USD (Three Hundred Thousand US Dollars).

7. Bids will be opened in the presence of bidders' representatives who choose to attend at 14:00 (local time) on 12-August-2020 at New Admin Building (Hall Room in the 3rd Floor) of Phnom Penh Water Supply Authority, #45, Street 106, Srah Chak, Daun Penh, Phnom Penh, Kingdom of Cambodia, Telephone: 855-23-427657.

8. Qualification criteria and Additional details are provided in the Bidding Documents.