## **INVITATION FOR BIDS**

Date:08-June-2020 Name of Country: Kingdom of Cambodia Name of Project: The Bakheng Water Supply Project IPC N°: BKG-02-PTM-A-PPWSA/AFD

- The Phnom Penh Water Supply Authority (PPWSA) has received funds from the Agence Française de Development (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).
- 2. 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	
	Ductile Iron Pipe - Spigot Socke	et with T-	Type Push-	
1	on Joint (Standard or equivalen elastomer gasket.	t) includ	ing EPDM	
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	
	Ductile Iron Pipe - Spigot Socke	et with Se	elf-Anchored	
2	Joint (K-Type / Std VE or equiv VI or equivalent, or other as ap			
2	EPDM elastomer gasket and co			
	self-anchored joint. DN 2000 (K-Type or as appro-			
2.1	priate), 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 specific	ations		
S.1	DN 1200	m	75	
S.2	DN 800	m	20	
S.3	DN 600	m	65	
	Ductile Iron Flanged Pipe - Dou	ıble flang	ged pipe	
3	(welded with length mm) cor gaskets, bolts, nuts and washers	nplete an	d including	
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	
	Ductile Iron Flanged Pipe - Dou			
4	ing pipe with puddle flange (welded with length mm) complete and including gaskets, bolts, nuts and			
	washers for both sides.		, and	
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	
	DN 200, L=600 mm	PCs	7	
4.11	,			
4.11	DN 200, L=500 mm	PCs	24	

Item	Description	Unit	Quantity	
4.1.4	DN 150 I -500	PCs	5	
4.14	DN 150, L=500 mm Flange spigot pipe (welded with		5 mm) com-	
5	plete and including gaskets, bol 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-Anchor VE or equivalent, TF-Type / Sto other as appropriate) complete elastomer gasket, accessories for and accessories (gasket, bolts, r flange.	d VI or e and inclu or self-and	quivalent, or iding EPDM chored joint	
6.1	DN 2000 (K-Type or as appro- priate)	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 bolts, nuts and washers for bot		gaskets,	
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	
	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			, nuts and	
<b>9</b> 9.1		PCS	1	
	washers) for flange.	1	1	

9.4		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	
9.12			1	
	DN 500/100	PCs		
9.14	DN 400/400	PCs	1 red Laint	
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-an- chored 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	
	DN 200/200 (TF-Type)	PCs	7	
		N 1 with ivalent), luding E	7 T-Type with Flangee PDM elasto-	
10.13	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc	N 1 with ivalent), luding E	7 T-Type with Flangee PDM elasto-	
10.13 11	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange.	N 1 with ivalent), luding E essories (	7 T-Type with Flangee PDM elasto- (gasket, bolts	
10.13 11 11.1 11.2	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300	N 1 with ivalent), luding E essories ( PCs	7 T-Type with Flanged PDM elasto- (gasket, bolts 2	
10.13 11 11.1 11.2	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250	N 1 with ivalent), luding E essories ( PCs PCs	7 T-Type with Flangee PDM elasto- (gasket, bolts 2 3	
10.13 11 11.1 11.2 11.3	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200	N 1 with ivalent), luding E essories PCs PCs PCs	7 T-Type with Flangee PDM elasto- (gasket, bolts 2 3 16	
10.13 11 11.1 11.2 11.3 11.4	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1000/200	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs	7 T-Type with Flangee PDM elasto- (gasket, bolts 2 3 16 5	
10.13           11           11.1           11.2           11.3           11.4           11.5	DN 200/200 (TF-Type) <b>Double socket invert level tee D</b> <b>Push-on Joint (Standard or equ</b> <b>Branch DN 2, complete and inc</b> <b>mer gaskets for sockets and acc</b> <b>nuts and washers) for flange.</b> DN 1400/300 DN 1400/250 DN 1200/200 DN 1000/200 DN 800/200	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs	7 T-Type with Flangee PDM elasto- gasket, bolts 2 3 16 5 8	
10.13           11           11.1           11.2           11.3           11.4           11.5           11.6	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1000/200 DN 800/200 DN 800/150	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs PCs PCs N 1 with or equiva other as a plete and ckets, acc	7 T-Type with Flangee PDM elasto- gasket, bolts 2 3 16 5 8 6 10 Self-An- lent, TF- appropriate), including cessories for	
10.13           11           11.1           11.2           11.3           11.4           11.5           11.6           11.7	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1200/200 DN 800/200 DN 800/200 DN 800/150 Double socket invert level tee D chored Joint (K-Type / Std VE Type / Std VI or equivalent, or with flanged branch DN 2, com EPDM elastomer gaskets for so self-anchored joint and accesso	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs PCs PCs N 1 with or equiva other as a plete and ckets, acc	7 T-Type with Flangee PDM elasto- gasket, bolts 2 3 16 5 8 6 10 Self-An- lent, TF- appropriate), including cessories for	
10.13         11         11.1         11.2         11.3         11.4         11.5         11.6         11.7         12	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1200/200 DN 800/200 DN 800/200 DN 800/150 Double socket invert level tee D chored Joint (K-Type / Std VE Type / Std VI or equivalent, or with flanged branch DN 2, com EPDM elastomer gaskets for so self-anchored joint and accesso nuts and washers) for flange.	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	7 T-Type with Flangee PDM elasto- gasket, bolts 2 3 16 5 8 6 10 Self-An- ilent, TF- appropriate), including cessories for tet, bolts,	
10.13           11           11.1           11.2           11.3           11.4           11.5           11.6           11.7           12           12.1	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1000/200 DN 800/150 DN 600/150 Double socket invert level tee D chored Joint (K-Type / Std VE / Type / Std VI or equivalent, or of with flanged branch DN 2, com EPDM elastomer gaskets for so self-anchored joint and accesson nuts and washers) for flange. DN 1200/200	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs PCs PCs PCs N 1 with or equiva other as a plete and ckets, acc ries (gask	7 T-Type with Flangee PDM elasto- gasket, bolts 2 3 16 5 8 6 10 Self-An- lent, TF- appropriate), including cessories for set, bolts, 4	
10.13         11         11.1         11.2         11.3         11.4         11.5         11.6         11.7         12         12.1         12.2	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1000/200 DN 800/150 DN 600/150 Double socket invert level tee D chored Joint (K-Type / Std VE of Type / Std VI or equivalent, or v with flanged branch DN 2, com EPDM elastomer gaskets for so self-anchored joint and accesso nuts and washers) for flange. DN 1200/200 DN 1200/200	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs PCs N 1 with or equiva other as a plete and ckets, acc ries (gash	7 T-Type with Flangee PDM elasto- gasket, bolts 2 3 16 5 8 6 10 Self-An- lent, TF- uppropriate), including cessories for tet, bolts, 4 2	
10.13         11         11.1         11.2         11.3         11.4         11.5         11.6         11.7         12         12.1         12.2         12.3	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1000/200 DN 800/150 DN 600/150 Double socket invert level tee D chored Joint (K-Type / Std VE Type / Std VI or equivalent, or with flanged branch DN 2, com EPDM elastomer gaskets for so self-anchored joint and accesson nuts and washers) for flange. DN 1200/200 DN 1000/200 DN 1000/200	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs PCs PCs N 1 with or equivas other as a plete and ckets, acc ries (gasl PCs PCs	7 T-Type with Flangee PDM elasto- gasket, bolts 2 3 16 5 8 6 10 Self-An- lent, TF- appropriate), including cessories for cet, bolts, 4 2 2	
10.13         11         11.1         11.2         11.3         11.4         11.5         11.6         11.7         12         12.1         12.2         12.3         12.4	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1000/200 DN 800/150 Double socket invert level tee D chored Joint (K-Type / Std VE Type / Std VI or equivalent, or of with flanged branch DN 2, com EPDM elastomer gaskets for so self-anchored joint and accessoo nuts and washers) for flange. DN 1200/200 DN 1000/200 DN 1000/200 DN 800/200 DN 800/200	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs PCs PCs PCs N 1 with or equiva other as a plete and ckets, acc. rise (gash PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	7         T-Type         with Flangee         PDM elasto-         gasket, bolts         2         3         16         5         8         6         10         Self-An-         lent, TF-         appropriate),         including         cessories for         set, bolts,         4         2         8         1         DN 2, with         r equivalent)         EPDM elas-	
10.13         11         11.1         11.2         11.3         11.4         11.5         11.6         11.7         12         12.1         12.2         12.3         12.4         12.5	DN 200/200 (TF-Type) Double socket invert level tee D Push-on Joint (Standard or equ Branch DN 2, complete and inc mer gaskets for sockets and acc nuts and washers) for flange. DN 1400/300 DN 1400/250 DN 1200/200 DN 1000/200 DN 800/200 DN 800/150 Double socket invert level tee D chored Joint (K-Type / Std VE / Type / Std VI or equivalent, or of with flanged branch DN 2, com EPDM elastomer gaskets for so self-anchored joint and accesson nuts and washers) for flange. DN 1200/200 DN 1000/200 DN 1000/200 DN 1000/200 DN 800/150 DN 600/150 DN 600/150 All Socket Tee DN 1 with Socke self-Anchored Joint (TF-Type / and a 3 sockets, complete and in	N 1 with ivalent), luding E essories ( PCs PCs PCs PCs PCs PCs PCs PCs N 1 with or equiva other as a plete and ckets, acc. rise (gash PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	7         T-Type         with Flangee         PDM elasto-         gasket, bolts         2         3         16         5         8         6         10         Self-An-         lent, TF-         appropriate),         including         cessories for         set, bolts,         4         2         8         1         DN 2, with         r equivalent)         EPDM elas-	

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Item	Description	Unit	Quantity	
14.1	DN 2000/1400	PCs	1	
	DN 2000/1400 DN 1400/300	PCs	1	
	DN 600/600	PCs	2	
	DN 600/300	PCs	2	
	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 appro- priate), 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 and including gaskets, bolts, nu both sides.			
17.1	DN 2000/1600	PCs	1	
17.2	DN 600/500	PCs	4	
	DN 600/400	PCs	2	
	DN 400/300 Double Flanged Flat Reducer co	PCs	1 and including	
	gaskets, bolts, nuts and washers			
19	Blank flange complete and inclu	iding gas	ket, bolts,	
19.1	washers and nuts. DN 1600	PCs	1	
19.2	DN 800	PCs	1	
19.3	DN 800	PCs	1	
19.3 19.4	DN 800 DN 400	PCs PCs	1 2	
19.3 19.4 19.5	DN 800 DN 400 DN 300	PCs PCs PCs	1 2 19	
19.3 19.4 19.5	DN 800 DN 400 DN 300 DN 250	PCs PCs PCs PCs PCs lent) con	1 2 19 7 7 pplete,	
19.3         19.4         19.5         19.6         20	DN 800 DN 400 DN 300 DN 250 DN 200 Collar (Express Joint or equival including EPDM elastomer gasl	PCs PCs PCs PCs PCs lent) con	1 2 19 7 7 pplete,	
19.3         19.4         19.5         19.6         20         20.1	DN 800 DN 400 DN 300 DN 250 DN 200 Collar (Express Joint or equival including EPDM elastomer gasl and nuts.	PCs PCs PCs PCs PCs lent) con kets, glar	1 2 19 7 7 plete, nds, bolts	
19.3         19.4         19.5         19.6         20         20.1         20.2	DN 800 DN 400 DN 300 DN 250 DN 200 Collar (Express Joint or equival including EPDM elastomer gasl and nuts. DN 1400mm	PCs PCs PCs PCs PCs lent) con kets, glar	1 2 19 7 7 splete, sds, bolts 1	
19.3         19.4         19.5         19.6         20         20.1         20.2         20.3	DN 800 DN 400 DN 300 DN 250 DN 200 <b>Collar (Express Joint or equiva</b> including <b>EPDM elastomer gasl</b> and nuts. DN 1400mm DN 1200mm	PCs PCs PCs PCs lent) con kets, glar PCs PCs	1 2 19 7 <b>7</b> splete, sols, bolts 1 3	
19.3         19.4         19.5         19.6         20         20.1         20.2         20.3	DN 800 DN 400 DN 300 DN 250 DN 200 Collar (Express Joint or equival including EPDM elastomer gasl and nuts. DN 1400mm DN 1200mm DN 1000mm DN 800mm DN 800mm	PCs PCs PCs PCs PCs ent) corr kets, glar PCs PCs PCs	1 2 19 7 7 <b>pplete,</b> <b>ds, bolts</b> 1 3 2	
19.3         19.4         19.5         19.6         20         20.1         20.2         20.3         20.4         20.5         20.6	DN 800 DN 400 DN 400 DN 200 Collar (Express Joint or equiva including EPDM elastomer gasl and nuts. DN 1400mm DN 1200mm DN 1000mm DN 800mm DN 600mm	PCs PCs PCs PCs ent) con kets, glar PCs PCs PCs PCs PCs PCs PCs	1 2 19 7 7 splete, sds, bolts 1 3 2 5 5 2 10	
19.3         19.4         19.5         19.6         20         20.1         20.2         20.3         20.4	DN 800 DN 400 DN 400 DN 250 DN 250 Collar (Express Joint or equival including EPDM elastomer gasl and nuts. DN 1400mm DN 1200mm DN 1000mm DN 1000mm DN 800mm DN 600mm DN 600mm DN 500mm	PCs PCs PCs PCs ent) con kets, glar PCs PCs PCs PCs PCs PCs PCs PCs	1 2 19 7 <b>7</b> <b>19</b> <b>7</b> <b>10</b> 3 2 5 2 10 4	
19.3           19.4           19.5           19.6           20           20.1           20.2           20.3           20.4           20.5           20.6           20.7           21	DN 800 DN 400 DN 400 DN 300 DN 250 DN 250 <b>Collar (Express Joint or equiva</b> <b>including EPDM elastomer gasl</b> <b>and nuts.</b> DN 1400mm DN 1200mm DN 1200mm DN 1000mm DN 800mm DN 600mm DN 500mm DN 500mm DN 400mm	PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	1 2 19 7 7 <b>pplete,</b> <b>dds, bolts</b> 1 3 2 5 2 10 4 <b>according to</b>	
19.3           19.4           19.5           19.6           20           20.1           20.2           20.3           20.4           20.5           20.6           20.7           21	DN 800 DN 400 DN 400 DN 250 DN 250 <b>Collar (Express Joint or equiva</b> <b>including EPDM elastomer gasl</b> <b>and nuts.</b> DN 1400mm DN 1200mm DN 1000mm DN 800mm DN 600mm DN 600mm DN 500mm DN 400mm <b>Manhole Frame and Cover, hea</b> <b>use and including "PPWSA" m</b> Manhole cover (ventilated)	PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	1 2 19 7 <b>7</b> <b>19</b> <b>7</b> <b>10</b> 3 2 5 2 10 4	
19.3         19.4         19.5         19.6         20         20.1         20.2         20.3         20.4         20.5         20.6         20.7         21         21.1         21.2         22.2	DN 800 DN 400 DN 400 DN 300 DN 250 Collar (Express Joint or equival including EPDM elastomer gast and nuts. DN 1400mm DN 1200mm DN 1000mm DN 800mm DN 600mm DN 600mm DN 500mm DN 400mm Manhole Frame and Cover, hea use and including "PPWSA" m Manhole cover (ventilated) Pack of accessories for Self-Anc / Std VE or equivalent, TF-Typ lent), similar to the self-anchore	PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	1 2 19 7 7 <b>nplete,</b> <b>dds, bolts</b> 1 3 2 5 2 10 4 <b>according to</b> 31 62 <b>bint (K-Type</b> or equiva-	
19.3         19.4         19.5         19.6         20         20.1         20.2         20.3         20.4         20.5         20.6         20.7         21         21.1         21.2         22.2	DN 800 DN 400 DN 400 DN 250 DN 250 Collar (Express Joint or equival including EPDM elastomer gast and nuts. DN 1400mm DN 1200mm DN 1000mm DN 800mm DN 600mm DN 600mm DN 600mm DN 400mm Manhole Frame and Cover, hea use and including "PPWSA" m Manhole cover (ventilated) Manhole cover (non-ventilated) Pack of accessories for Self-Anac/ Std VE or equivalent, TF-Type	PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	1 2 19 7 7 <b>nplete,</b> <b>dds, bolts</b> 1 3 2 5 2 10 4 <b>according to</b> 31 62 <b>bint (K-Type</b> or equiva-	
19.3           19.4           19.5           19.6           20           20.1           20.2           20.3           20.4           20.5           20.6           20.7           21           21.2           21.2           22.1	DN 800 DN 400 DN 400 DN 300 DN 250 DN 250 Collar (Express Joint or equival including EPDM elastomer gast and nuts. DN 1400mm DN 1200mm DN 1000mm DN 800mm DN 600mm DN 600mm DN 600mm DN 500mm DN 400mm Manhole Frame and Cover, hea use and including "PPWSA" m Manhole cover (ventilated) Manhole cover (ventilated) Pack of accessories for Self-Anc / Std VE or equivalent, TF-Type lent), similar to the self-anchore pipes and fittings.	PCs PCs PCs PCs ent) con kets, glar PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	1 2 19 7 7 rplete, rds, bolts 1 3 2 5 2 10 4 according to 31 62 bint (K-Type or equiva- roposed for	
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19.3           19.4           19.5           19.6           20           20.1           20.2           20.3           20.4           20.5           20.6           20.7           21           21.1           21.2           22           22.1           22.2           22.3	DN 800 DN 400 DN 400 DN 300 DN 250 DN 250 Collar (Express Joint or equival including EPDM elastomer gasl and nuts. DN 1400mm DN 1200mm DN 1200mm DN 1000mm DN 600mm DN 600mm DN 600mm DN 500mm DN 400mm Manhole Frame and Cover, hea use and including "PPWSA" m Manhole cover (ventilated) Manhole cover (ventilated) Manhole cover (non-ventilated) Pack of accessories for Self-And / Std VE or equivalent, TF-Type lent), similar to the self-anchore pipes and fittings. DN 1200 (K-Type)	PCs PCs PCs PCs PCs PCs PCs PCs PCs PCs	1           2           19           7           pplete,           dds, bolts           1           3           2           10           4           according to           31           62           or equiva-roposed for           20           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, Srash 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, Srash Chak, Daun Penh, Phnom Penh, Kingdom of Cambodia, Telephone: 855-23-427657.

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