

**TENDER NO. KGN-HYD-040-2018**

**TENDER FOR SUPPLY OF STAINLESS STEEL FLANGES FOR KAMBURU POWER STATION**

20<sup>th</sup> November 2018

**ADDENDUM NO.1**

In accordance with the TENDER FOR SUPPLY OF STAINLESS STEEL FLANGES FOR KAMBURU POWER STATION KenGen hereby issues addendum No. 1.

**TECHNICAL SPECIFICATIONS**

Kamburu Power Station Materials for cooling system refurbishment works,

No.	Description	Qty	Specification
1	<b>Stainless steel DIN2633 flange size 65x76</b>	108	(i). Stainless steel welding neck flange DIN 2633 (ii).Materials is ordinary stainless steel for pipes of Nominal pressure 16 bars (iii).Inside pipe diameter: 65mm or DN 65 or 2 ½inch (iv). Outside flange neck diameter: 76mm (v). Neck pipe thickness: 3.5mm (vi).Outside flange diameter: 185mm (vii). PCD- Pitch circle diameter: 145mm (viii). Bolt hole diameter: 18mm; Four holed flange (ix). Flange thickness: 18mm
2	<b>Stainless steel DIN2633 flange size 150x159</b>	10	(i).Stainless steel welding neck flange DIN2633 ii).Materials is ordinary stainless steel for pipes of Nominal pressure 16 bars (iii).Inside pipe diameter: 150mm or DN 150 or 6inch (iv). Outside flange neck diameter: 159mm (v). Neck pipe thickness: 5mm (vi).Outside flange diameter: 285mm (vii). PCD- Pitch circle diameter: 240mm (viii). Bolt hole diameter: 22mm; Eight holed flange (ix). Flange thickness: 22mm
3	Stainless steel hexagonal head screws M16x90	432	(i). Ordinary stainless steel bolts: M16 x 60mm Long; Metric threads
4	Stainless steel washers	432	(i). Ordinary stainless steel Washers M16

	A16		
5	Stainless steel M16 nuts	432	(i). Ordinary stainless steel M16 nuts; Metric threads
6	Stainless steel DIN2605-1 elbows DN100 Φ108X3.6W	10	(i). Stainless steel pipe elbow (ii).DN100; 90° Elbow (iii). Outside dia.: 108mm (iv).Long radius: 152mm (v).Short radius: 102mm
7	Stainless steel DIN2605-1 elbows DN65 Φ76.1X2.9S	40	(i).Stainless steel pipe elbow (ii).DN65; 90°Elbow (iii).Outside dia.: 76mm (iv).Long radius: 95mm (v).Short radius: 64mm
8	Ball valve (KOVINA type) DN15 G <sup>1</sup> / <sub>2</sub> "	30	1/2" Stainless steel ball valve Technical specs: (i).Pressure rating: 1000psi (ii).WOG: Water, Oil & Gas (iii).Seats & seals: PTFE (Teflon) (iv).Threads: FNPT (Female National Pipe Thread) (v).Port: Full Port (vi).Casting: Investment Casting (AD2000-WO) (vii).Material: All wetted parts stainless steel 316 (viii).Handle: Stainless steel 304 with Blow-out proof design
9	O-ring seals size 122x70x3mm	60	Neoprene rubber gaskets for flange joints: Outside dia: 122mm ;Inside dia: 70mm; Thickness: 3mm

**ALL OTHER TERMS AND CONDITIONS IN THE TENDER DOCUMENT REMAINS THE SAME**

**ACKNOWLEDGEMENT OF ADDENDUM NO.1**

We, the undersigned hereby certify that the addendum is an integral part of the document and the alterations set out in the Addendum have been incorporated in the tender proposal.

Signed.....

Tenderer.....

Date.....