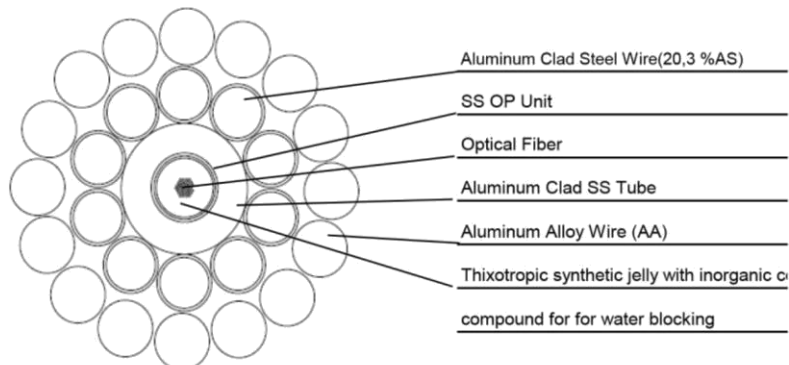
	<b>OPGW Cable Specifications</b>	Serial No:	
		Bid No:	

Cable Type: OPGW - 36B4-155 [91 -206,1 ]

Cross Section:



OPGW Structure	Material	No	Material	No	Material Dia.	
	Fiber			G 655C	36	
SS-Tube		1	Inner-Dia	3,20	Outer Dia.	3,60 mm
Al-Tube	Al	1	Inner-Dia	3,60	Outer Dia.	5,90 mm
Layer1	20.3% AS wire	10	AA wire	0	Diameter	2,60 mm
Layer2		0	AA wire	16	Diameter	2,60 mm

<b>Technical Data</b>	According to IEC60794-4-1, IEEE-1138 standards	
	Stranding direction of outer layer is right hand (Z-stranding)	
	Stranded:Core and layer1 greased	Yes
	Cable Diameter	16,3 mm
	Cable Weight	670 kg/km
	Supporting Cross Section	155,2 mm <sup>2</sup>
	Section of AS Wire	53,09 mm <sup>2</sup>
	Section of AL Part	102,11 mm <sup>2</sup>
	Rated Tensile Strength (RTS)	91,4 kN
	Modulus of Elasticity (E-Modulus)	97,2 kN/mm <sup>2</sup>
	Thermal Elongation Coefficient	17,3 10 <sup>-6</sup> /°C
	Permissible Maximum Working Stress (40% RTS)	236 N/mm <sup>2</sup>
	Everyday Stress (EDS) ( 16~25% RTS)	94,2 147 N/mm <sup>2</sup>
	Ultimate Exceptional Stress (70% RTS)	412 N/mm <sup>2</sup>
	Max. DC Resistance at 20°C	0,267 Ω /km
	Short Time Current (1s)	14,4 kA
	Short Circuit Current Capacity I <sup>2</sup> t (40°C~200°C)	206,1 kA <sup>2</sup> s
Minimum Bending Radius Installation	326 mm	
Minimum Bending Radius Operation	244 mm	
Ratio of RTS to weight	13,9 km	
<b>Temperature Range:</b>	Installation	-10 °C ~ +50 °C
	Transportation and Operation	-40 °C ~ +80 °C

Remarks: All Sizes and Values are Nominal Values

28.1.2015		OPGW	MK
-----------	--	------	----