

**SCHEDULE OF TECHNICAL PARTICULARS FOR ACSR RABBIT**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Minimum Guaranteed Value</b>	<b>Proposed Value</b>
<b>1.</b>	code name of conductor	ACSR Rabbit	
<b>2.</b>	Nominal Aluminium Area (mm <sup>2</sup> )	50	
<b>3.</b>	No. of strands (a) Aluminium	6	
	(b) Steel	1	
<b>4.</b>	Strand's Diameter in mm		
	(a) Aluminium i) Standard	3.35	
	ii) Maximum	3.38	
	iii) Minimum	3.32	
	(b) Steel i) Standard	3.35	
	ii) Maximum	3.42	
	iii) Minimum	3.28	
<b>5.</b>	Overall diameter of complete conductor (mm)	10.05	
<b>6.</b>	Minimum breaking load of each strand in KN		
	a) Aluminium i) Before stranding	1.43	
	ii) After Stranding	1.36	
	b) Steel i) Before Stranding	11.58	
	ii) After stranding	11.00	
<b>7.</b>	Calculated breaking load (KN)	18.25	
<b>8.</b>	Maximum resistance of each Aluminium strand at 20°C (ohms/km)	3.265	
<b>9.</b>	Calculated resistance of conductor in ohms/km at 20°C	0.5524	
<b>10.</b>	Weight of Zinc coating in respect of steel core (GM/m <sup>2</sup> )	250	
<b>11.</b>	Mass of each strand in kgs/km		
	a) Aluminium	23.82	
	b) Steel	68.75	
<b>12.</b>	Minimum guaranteed mass in kg/km		
	a ) Aluminium	145	
	b ) Steel	69	
	c ) Total	214	
<b>13</b>	Lay ratio		
	Aluminium (i) Maximum	14	
	(ii) Minimum	10	