

Appendix – IV

**LIST OF SPECIAL TOOLS & TACKLES USED IN STRINGING OF HTLS
CONDUCTOR**

List of Special Tools & Tackles for Stringing of HTLS Conductor

Sr. No.	Item Description	Quantity (Nos.) required for One Set	Broad Technical Parameters & Standards	Remarks
1	Pulling Eye/String Clamp	24	Suitable for offered size of HTLS Conductor	Only Applicable for GAP type
2	Core Retainer	6	Suitable for offered size of HTLS Conductor	Only Applicable for Composite Core type
3	Automatic Conductor Come Along Clamp	12	Long Jaw Clamps, Lever Type Suitable for offered size of HTLS Conductor	
4	Automatic Core (Steel) Come Along Clamp	12	Long Jaw Clamps, Lever Type Suitable for offered size of HTLS Conductor core	Only Applicable for GAP type
5	Tandem Sheaves/Rollers	3	Suitable for conductor bundle & offered size of HTLS Conductor	Only Applicable for Composite Core type
6	Motorized Hydraulic Compression Machine with Compression Head & Die set	1	Light weight, 100 T compression capacity, Compression Head & Die set shall be suitable for offered size of HTLS Conductor	
7	Tensioner Feed Sheave	2	Sheaves - Al alloy rubber lined mounted on ball bearing, Frames - Mild Steel	
8	Hoist Hook or Lifting Hook	2	With Broad base for avoiding sharp bending of composite core conductor during lifting.	Only Applicable for Composite Core type

Note:

1. Contractor may also use/deploy special tools & tackles other than those listed above, if required for proper stringing of offered HTLS conductor.
2. Above technical parameters indicate the basic minimum requirements of T&Ps. All T&Ps shall confirm to Indian standards, wherever applicable. Other International standards, which ensure equal or better properties/performance shall also be acceptable.