



BHARAT HEAVY ELECTRICALS LIMITED

TRANSMISSION PROJECTS ENGINEERING MANAGEMENT

DOCUMENT No.	TB-394-316-131-A	Rev. No.	00		Prepared	Checked	Approved
TYPE OF DOC.	TECHNICAL SPECIFICATION			NAME	SS	SKS	SKS
TITLE 765kV CLAMPS AND CONNECTORS				SIGN			
				DATE	07.01.26	07.01.26	07.01.26
				GROUP	TBEM	W.O. No	86009
CUSTOMER	Tamilnadu Transmission Corporation Limited (TANTRANSCO)						
PROJECTS	765/400kV AIS S/S Ariyalur						

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Issued for PI NO. 09I2602101R

All technical requirements (TECHNICAL SPECIFICATION & APPROVED DRAWING/DOCUMENTS) shall be followed as per original PO NO. 278P206 (M/s PEEVEE ENGINEERING ENTERPRISES).

BOQ shall be as per ANNEXURE-1A: BILL OF QUANTITY FOR 765KV CLAMPS & CONNECTORS

Rev No.	Date	Altered	Checked	Approved	REVISION DETAILS				
				Distribution	TBMM	TBQM	TBCM	TBTS	
				Copies	1	1	1	-	

ANNEXURE-1A: BILL OF QUANTITY FOR 765KV CLAMPS & CONNECTORS

Information for reference as per EKD					Information for procurement			
S. no.	EKD NO.	Description of connector with rating as per technical specification	Unit of Qty.	Qty required (AS PER SITE)	Item description as per material code	Material code	Qty for INDENT	REMARKS IN PI
1	1A	765kV , 3150A , 50kA for 1 Second Circuit Breaker, Expansion type connector suitable for 4.5" IPS Aluminium tube with horizontal approach	Nos.	3	SUPPLY- CLAMPS & CONNECTORS : 765KV, 50KA FOR 1S, 3150A, CB CONNECTOR SUITABLE FOR AL TUBE 4.5 INCH IPS, EXPANSION TYPE	TB9097570046	3	
2	2A	765kV , 3150A, 50kA for 1 Second Isolator , Rigid type connector suitable for 4.5" IPS Aluminium tube with horizontal approach- Fixed contact side(i.e. stem terminal)	Nos.	2	SUPPLY- CLAMPS & CONNECTORS : 765KV, 50KA FOR 1S, 3150A, ISOLATOR (KNEE TYPE) CONNECTOR SUITABLE FOR AL TUBE 4.5 INCH IPS, RIGID TYPE	TB9097574342	2	
3	2C	765kV , 3150A, 50kA for 1 Second Isolator , Expansion type connector suitable for 4.5" IPS Aluminium tube with horizontal approach- Fixed contact side(i.e. stem terminal)	Nos.	2	SUPPLY- CLAMPS & CONNECTORS : 765KV, 50KA FOR 1S, 3150A, ISOLATOR (KNEE TYPE) CONNECTOR SUITABLE FOR AL TUBE 4.5 INCH IPS, EXPANSION TYPE	TB9097574354	2	
4	2D	765kV , 3150A, 50kA for 1 Second Isolator , Rigid type connector suitable for Quad AAC Bull conductor with horizontal approach- Fixed contact side(i.e. stem terminal)	Nos.	2	SUPPLY- CLAMPS & CONNECTORS : 765KV, 50KA FOR 1S, 3150A, ISOLATOR , RIGID TYPE CONNECTOR SUITABLE FOR QUAD AAC BULL CONDUCTOR WITH HORIZONTAL APPROACH- MOVING CONTACT SIDE(I.E. PAD TERMINAL)	TB9097576772	2	
5	2E	765kV , 3150A, 50kA for 1 Second Isolator , Rigid type connector suitable for Quad AAC Bull conductor with horizontal approach- Moving contact side(i.e. pad terminal)	Nos.	1	SUPPLY- CLAMPS & CONNECTORS : 765KV, 50KA FOR 1S, 3150A, ISOLATOR , RIGID TYPE CONNECTOR SUITABLE FOR QUAD AAC BULL CONDUCTOR WITH HORIZONTAL APPROACH- FIXED CONTACT SIDE(I.E. STEM TERMINAL)	TB9097576762	1	
6	4A	765kV , 50kA for 1 Second Capacitor Voltage Transformer , Rigid type connector suitable for Quad AAC Bull conductor with horizontal approach	Nos.	3	SUPPLY- CLAMPS & CONNECTORS : 765KV, 50KA FOR 1S, CVT CONNECTOR SUITABLE FOR QUAD BULL	TB9097500815	3	
7	5A	765kV , 50kA for 1 Second bus post insulator , through sliding type connector suitable for 4.5" IPS Al tube with horizontal approach	Nos.	3	SUPPLY- CLAMPS & CONNECTORS : 765KV, 3150A, BPI CONNECTOR SUITABLE FOR AL TUBE 4.5 INCH IPS, RIGID/SLIDING THROUGH TYPE	TB9097073825	3	
8	7A	765kV , 2000A, 50kA for 1 Second 80MVAR Reactor HV bushing , Rigid type connector suitable for Quad AAC Bull conductor with horizontal approach	Nos.	3	SUPPLY- CLAMPS & CONNECTORS : 765KV, 2000A, REACTOR BUSHING CONNECTOR SUITABLE FOR QUAD BULL	TB9097053761	3	
9	51	765kV , 3150A, straight connector suitable for 4.5" IPS Al tube and Quad Bull AAC Conductor in horizontal approach	Nos.	5	SUPPLY- CLAMPS & CONNECTORS : 765KV, 3150A, PARALLEL CONNECTOR SUITABLE FOR 4.5"IPS ALUMINIUM TUBE AND QUAD BULL	TB9097075552	5	
10	54	765kV,1000A, Two way PG clamp for single Bull AAC conductor	Nos.	1	SUPPLY- CLAMPS & CONNECTORS : 765KV, 1000A, PG CLAMP SUITABLE FOR SINGLE BULL TO SINGLE BULL	TB9097025163	1	