

EAST CENTRAL RAILWAY
CHECK SHEET FOR SPS/CST

Date 08.06.26

1.TC No. 03/26/0885

2.PL no - 23560885

3.Description of Item :- IOH Kit for N-32 Tap changer (Common items) comprising of 113 items as per annexure R1

4.Specification :- . Annexure R1 attached below.

(Offer of only those firms will be considered which has quoted with latest Drawing/Specification/Alteration /Revision)

5.Approved sources:- As per U VAM CLW vender list Item ID no 2100713

6."Firms which are approved as developmental vendor with condition i.e. This is conditional approval subject to prototype approval:- Supply (even for field trials, wherever applicable) shall commence only after approval of the prototype by the CLW/BLW/RDSO/CORE etc., should submit Proto type clearance from CLW/BLW/RDSO/CORE etc. along with their offer, otherwise firm's offer will be summarily rejected".

7. Manufacturer /Suppliers trade Mark along with year and month of manufacture to be embossed on the product.

8. Dealers to submit valid dealership certificate along with quotation failing which the offer will be rejected.

9. This is a CLW restricted item.

KARPOOR
CHANDRA YADAV
Dy.CEE/ECM
ECR/HJP
Digitally signed by KARPOOR
CHANDRA YADAV
Date: 2026.06.09 11:14:04
+05'30'

RAJ KISHORE PRASAD
Digitally signed by RAJ KISHORE PRASAD
Date: 2026.06.08 14:12:52 +05'30'

Items required for carrying out IOH maintenance schedule of NO-32 type Tap Changer

1. Common Items/Components of NO 32 Tap Changer to be procured from REPL (BT type) or AAL (Ganz type) only

Sr. No.	Qty.	GANZ Type M/s AAL Make			M/s BT type M/s REPL make		
		Drg. No.	Item No.	Description	Drg. No.	Part No.	Description
A) Selector (GR)							
1	1	9919000109001	G1519	Locking Cord (0.6m)	SWT-435200-P1	S1519	Fibre glass cord. (0.6m)
2	2	9910383917001	G3309	Seal	AG-549697-P1	S3309	Gasket (for oil flow indicator)
3	1	9910383461005	G1421	Sealing ring	AG-544325-P5	S1421	Packing ring
4	2	9980383530801	G1515	Contact roller	AG-546151-R1	S1515	Contact roller complete
5	2	9910383461004	G1320.1	Sealing ring	AG-544325-P4	S1320.1	Packing Ring
6	2	9919000118001	G1434/G1440	Oil seal	SWT-435381-P1	S1434/S1440	Oil seal
7	1	9910383456002	G1303	Sealing Gasket	AG-207812-P2	S1303	Gasket
8	2	9919000117001	G1306.2a/ G1306.5a	Seal	AM-502840-P1	S1306.2/ S1306.5	Packing (for oil level indicator)
9	4	9910383541001	G1514	Bearing	AG-546150-P1	S1514	Bearing
10	1	9910383599001	G1302.3	Seal	AG-546167-P1	S1302.3	Gasket
11	2	9910383528001	G1518	Insulated Tube	AM-500801-P1	S1518	Insulating Tube
12	2	9910383534001	G1512	Insulating Tube	AG-546189-P1	S1512	Insulating Pipe
13	2	9919000080001	G1513	Contact Roller Housing	AM-300009-P1	S1513	Contact Roller Housing
14	1	9919000095006	G1601.1	Bushing double pole 'O' ring	AG-432122-P7	S1601.1	Packing Ring
15	3	9910383456004	G1107	Sealing Gasket	AG-207812-P4	S1107	Gasket
16	2	9910383533001	G1516	Roller Guide	AG416382-P1	S1516	Roller Housing
17	2	9910383578001	G1435	Coupling Pin	AG-546487-P1	S1435	Coupling Pin
18	08	9910383535001	G1517	Push Spring	AG-405322-P1	S-1517	Push Spring
B) Circuit Breaker (CGR)							
19	6	9910383694001	G2529	Contact piece	AG-540123-P1	S2529	Contact
20	12	9910383693001	G2517	Insulated sleeve	AM-502593-P1	S2517	Bush
21	6	9919000183001	G2502	Bush	AM-502699-P1	S2502	Insulating Bush
22	12	9910646714001	G2505	Insulating Washer	AM-502615-P1	S2505	Insulating Washer
23	6	9910383657002 9910383657003 9910646703002 9910646703001	G2151 G2144 G2146 G2154	Contact Bolt	AG-547421-P2	S2151 S2144 S2146 S2158	Contact Bolt

Sr. No.	Qty.	GANZ Type M/s AAL Make		M/s BT type M/s REPL make		
		Drg. No.	Item No.	Description	Drg. No.	Part No.
24	13	9919000215001 9919000215002	G2152 G2147	Contact Nut M-12xTh-7	AG-547420-P1	S2152 S2147
25	2	9910646720024	G2515	Needle Roller Bearing	HAGT-443522-P1	S2515
26	6	9989000314801	G2537	Spring Guide	HAGT-443612-R1	S2537
27	6	9919000187001	G2503	Bush	AM-502618-P1	S2503
28	6	9919000317001	G2536	Compression Spring	AG-540918-P1	S2536
C) Oil Filtration Unit (PHGR) & CU Gaskets						
29	2	9919000059001	G3235/G3233	Cup seal for oil pump	SWT-435167-P1	S3235/S3233
30	2	9919000095004	G3225/G3222	O ring	SWT-435430-P4	S3225/S3222
31	2	9919000059002	G3270.3	Cup seal for oil pump	SWT-435167-P2	S3270.3
32	1	9919000095003	G3221	O ring	SWT-435430-P3	S3221
33	2	9919000095002	G3224/G3252	O ring	SWT-435430-P2	S3224/S3252
34	6	9919000095005	G3251	O ring	SWT-435430-P5	S3251
35	1	9919000095001	G3254	O ring	SWT-435430-P1	S3254
36	1	9919000197005	G31.1	Filter	SWT-335066-P5	S31.1
37	2	9919000150026	G3290.12	Gasket (copper)	MT-430152-P19	S3290.12
38	2	9919000150025	G3290.14	Gasket (copper)	MT-430152-P18	S3290.14
39	1	9919000150024	G3290.10	Gasket (copper)	MT-430152-P13	S3290.10
40	10	9919000150009	G3422/G3406	Gasket	MT-430152-P23	S3422/S3406
41	1	9919000150023	G3290.17	Gasket (copper)	SWT-435491-P3	S3290.17
42	7	9919000150011 9919000150010	G3433/G3435	Gasket	MT-430152-P34	S3433/S3435 /S3428
43	1	9919000297001	G3290.2	Cup Seal	SWT-435484-P1	S3290.2
44	1	9919000294001	G3290.7	Piston	SWT-435488-P1	S3290.7
45	2	9989000265801	G3280	Screw Plug complete	SWT-435158-R1	S3280
46	1	9989000293801	G3290.1	Locking Bolt Compl.	SWT-435490-R1	S3290.1
47	1	9919000269001	G3253	Middle Piece	SWT-335045-P1	S3253
D) Air Motor (SMGR)						
48	4	9910383461006	M1213	Sealing ring	SWT-435144-P2	A1213
49	4	9910383734002	M3108	Gasket	AG-544441-P2	A3108
50	4	9910383734001	M3111	Gasket	AG-544441-P1	A3111

Sr. No.	Qty.	GANZ Type M/s AAL Make		M/s BT type M/s REPL make		
		Drq. No.	Item No.	Description	Drq. No.	Part No.
51	4	9980383790801	M3209	Push rod with seal	AG-544415-R1	A3209
52	2	9910383799001	M3206	Sealing nipple (Valve 'A')	AG-544411-P1	A3206
53	3	9910646780048/ 9910385081046	M1929.1/ G4212/ G4217	Roll pin (8X45)	MT-430189-P471	A1929.1/ S4212/ S4217
54	3	9910646780046/ 9919000009014	M1929.2/ G4216/ M3203	Roll pin (5X45)	MT-430189-P371	A1929.2/ S4216/ S4218
55	4	9910185894002	M3203	Seal Ring	AG-508472-P1	A3203
56	35	9910383855002	M6434	Cam type Aux. Switch	AM-400660-R1	A6434/ 5514/ A6331
57	2	9910383787001	M3204	Compression Spring	AG-544356-P1	A3204
58	8	9910383803002	M2313	Bearing Shell	AG-545649-P2	A2313
E) Accessories for Stainless Steel Element						
59	141	9919000087001	G4415	Mica Washer	KB-473201-P2	S4415
60	3	9919000092001	G4416.2	Tube	B-406533-P2	S4416.2
61	900gr.	99890000207801	G3608	Silica Gel	SWT-435501-R2	S4711
62	60gm.	99890000206801	G3612	Cork Grain	SWT-435543-R2	S4712
E) ZSM Panel						
63	1	9919000150016	G3947a	Copper Gasket 17/30x1		Gasket (For Inlet Side Nipple)
64	4	9919000150005	G3972a	Copper Gasket 18/10x1		Gasket (Outlet from two way solenoid valve to PHGR & SMGR)
65	1 Set		G3933	Overhauling kit of PRV (Seimeg)		Overhauling kit of PRV (Seimeg)
66	1 Set			Overhauling kit of EVPHGR		Overhauling kit of EVPHGR
67	1 Set			Set of Hardware 47 nos. as per Annexure -IOH-HW-1		Set of Hardware 47 nos. as per Annexure -IOH-HW-1

Total-66+47(Hardware)=113

1. Common Hardware items of NO 32 tap changer to be procured from REPL (BT type) or AAL (Ganz type) only									
Sr. No.	Qty.	GANZ Type M/s AAL Make			BT type M/s REPL Make				
		Drg. No.	Item No.	Description	Drg. No.	Part No.	Description		
1	2	9910383496001	G1442	Washer	A-509828-P1	S1442	Washer 52/42x0.2		
2	15		G1523	Packing Washer25.5/32x0.2	AG-544234-P3	S1523	Packing Washer25.5/32x0.2		
3	1	9910383575012	G1436	Roll Pin 3x25	MT430189-P216	S1436	Roll Pin 3x25		
4	4	9910646698001	G1438	Locking	SWT435084-P1	S1438	Spring Ring		
5	2	9910385081046	G4212/ G4217	Roll Pin 8x45	MT430189-P471	S4212/ S4217	Roll Pin 8x45		
6	2	9919000009014	G4216/ G4218	Roll Pin 5x45	MT-430189-P371	S4216/ S4218	Roll Pin 5x45		
7	2	9910383546001	G1508	Fixing Plate	AG544655P-1	S1508	Locking Washer		
8	24	9910646796011	G2604	Hex Socket Hd cap ScrewM6x25	MT-430956-P2008	S2604	Hex Socket Hd cap ScrewM6x25		
9	36	9919000184001	G2508	Disc Washer M6	HAGT-443524-P1	S2508	Belleville Spring Washer 6.2/18x0.5		
10	12	9910646720038	G2520	Split Pin 4x25	MT-430445-P2411	S2520	Split Cotter Pin 4x20		
11	6	9910646720028	G2530	Socket HD cap screw	MT-430956-P2109	S2530	Hex socket head cap screw M8x30		
12	6	9910646796014	G2524	Spring Washer-M8	SWT-435227-P1	S2524	Spring Washer		
13	6	9910646720066	G2540	Flat Washer-M8	MT-430445-P2022	S2540	Washer8.4/13*0.5		
14	2	9919000197004	G31.2	Cu Gasket	AM-400428-P2	S31.2	Cu Gasket 14/18x1.6		
15	2	9919000150022	G3212	Gasket	MT-430152-P36	S3212	Gasket 22.8/30x1		
16	4	9919000150027	G3270.4	Gasket (Cu) 5.5/11x0.2	SWT-435249-P1	S3270.4	Shim		
17	4	9919000150020	G3242	Gasket (Cu) 5/10x1	MT-430152-P6	S3242	Cu gasket 5/10x1		
18	8	9910383911026	G3202	Spring washer M8	SWT-435227-P1	S3202	Split Type Spring Washer 8.1/12.7		
19	1	9919000271005	G3236	Spring washer M12	MT-430197-P218	S3236	Spring Washer B12		
20	1	9919000150021	G3268	Gasket	3EYC-400029-P1	S3268	Gasket		

Sr. No.	Qty.	GANZ Type M/s AAL Make			BT type M/s REPL Make		
		Drg. No.	Item No.	Description	Drg. No.	Part No.	Description
21	8	9919000250008	M3110	Disc Washer M6	MT-430151-P22	A3110	Belleville Spring Washer 7.5x14
22	4	9910383796012	M3207	Internal Circlip 16x1	MT-430202-P16	A3207	Internal Circlip I 16
23	4	9910383811011	M2301	Circlip	MT-430201-P42	A2301	External Circlip A42
24	3	9910646780056	M1909a	Hex HD screw M10x35	MT-430151-P26	A1909	Hex Screw M10x40
25	2	9910646780035	M1915	Hex nut M12x0.8d	MT-430957-9114	A1915	Hex. Nut 0.8dxM12
26	2	9910646780031	M1913	Hex HD screw M12x45	MT-430872-415	A1913	Hex. Screw M12x45
27	2	9910646693005	G1320.4	Split Cotter Pin for Safety Valve	MT-430405-P2364	S1320.4	Split cotter pin A2.5x28
28	11	9910383470001	G1221	Special Bolt (For Inner & Outer Insulating Ring)	AG-546084-P1	S1221	Special Bolt (For Inner & Outer Insulating Ring)
29	22	9919000251001	G1220	Spring bronze washer-M6	MT-430190-P116	S1220	Belleville Spring Washer
30	10	9919000222001	G1532	Shim Washer	HAMT-405170-P6	S1532	Washer (For Contact Roller)
31	12	9910646796014	G2607	Spring Washer M8	SWT-435227-P1	S2607	Spring Washer B8
32	6	9910646795076	G2414	Spring Washer M12	MT-430197-P618	S2414	Spring Washer B12
33	12	9910646720073	G2511	Split Cotter Pin 2x20	MT-430405-P2211	S2511	Split Cotter Pin 2x20
34	12	9910647265002	G2516	Washer	HAGT-443523-P1	S2516	Washer
35	12	9910646796025	G2408/G2532	Hex. Skt. Dd. Screw M6x20	MT-430956-P2007	S2408/S2532	Hex. socket hd. Screw M6x20
36	48	9910646796012	G2406	Hex Socket Hd cap Screw M6x30	MT-430956-P2009	S2406	Hex socket hd cap screw M6x30
37	72	9919000150008	G2407	Cu Gasket 6.5/11.2x1	MT-430152-P11	S2407	Cu Gasket 6.5/11.2x1
38	3	9910383451065	G1411/G1615/G1522	Circlip A25	MT-430201-P25	S1411/S1615/S1522	Circlip A25

Sr. No.	Qty.	GANZ Type M/s AAL Make			BT type M/s REPL Make		
		Drg. No.	Item No.	Description	Drg. No.	Part No.	Description
39	09	9919000150009	G2145/ G2161	Gasket	MT-430152-P23	S2145/S2161	Cu Gasket 14/20x1.6
40	100	9919000250013	G1109/G1112/ G1204/G1305/ G1403/G1603/ G2117/G2134/ M2109	Disc Washer-M10	MT-430151-P26	S1109/S1112/ S1204/S1305/ S1403/S1603/ S2117/S2134/ A2109	Belleville spring washer 11/22
41	30	9919000250011	G1460/G1464/ G1611/G1614/ G2127/G2182/ M1907/M1936/	Disc Washer-M8	MT-430151-P23	S1460/S1464/ S1611/S1614/ S2127/S2182/ A1907/A1936/	Belleville spring washer 8.4/18
42	5	9919000150003	G3938a	Gasket dia 20.8/28x1 for Air Pressure Regulator	MT-430152-P33	S3938	Gasket Ø20.8/28x1 (For Air Pressure Regulator)
43	2	9910646780051	M1914a	Helical Spring lock washer M12	MT-430151-P28	A1914	Belleville spring washer 14/28
44	12	9910646720027	G2532	Hex. Socket Hd. Screw M6x20	MT-430956-P2007	S2532	Hex. socket hd. Screw M6x20
45	1	9919000180003	G3290.6	Internal circlip I35	MT-430202-P35	S3290.6	Internal circlip I35
46	12	9910646720066	G2539	Washer	HAGT-443523-P2	S2539	Washer
47	2	9910646756059	2113	External Circlip A24	MT-430201-P24	A2113	External Circlip A24
Total- 47							

Vendor Directory



Organization	Indian Railways	Item/Sub-Item Description/ID/PL No	2100713
Approving Agency	--All-- ▼	Specification	
Department	--All-- ▼	Drawing	
Sub-Directorate	--All-- ▼	STR	
Reference Date	08/06/2026	Items Per Page	5 ▼

Total : 1

Vendor Directory status as of 08/06/2026 11:35


CLW Item ID: 2100713 , Tap Changer

Spec: ELRS/SPEC/GR/0039 REV 1,

Vendor Directory Remarks

This item is for conventional LOCO.

(Total Vendor Count: 2)

Approved Vendors (Vendor Count: 2)

M/s ANANTASHREE ENGINEERS CENTRE PRIVATE LIMITED-GAUTAM BUDDH NAGAR
(ID- 121310)

Regd Add. : B-167, Basement, Lajpat Nagar-I New Delhi, Delhi - 110024, India

Unit-I

Plot No. 12 Mahila Udyami PARK-II Grater Noida, Uttar Pradesh - 201306, India

Current status since - before 01/01/2020

Remarks: Approved source. Date is mentioned only for reference.

M/s RIVER ENGINEERING PVT LTD-NEW DELHI
(ID- 6430)

Regd Add. : Plot No. 54-55, Toy City Ecotech-III, Greater Noida Greater Noida, Uttar Pradesh - 201306, India

Remarks:- As per records of CLW Reg. office address given as E-2/16, 4th Floor, White House, Ansari Road, Daryaganj, New Delhi-10002

Noida

Plot No. 54-55, Toy City, Ecotech-III Greater noida Noida, Uttar Pradesh - 201306, India

Current status since - before 01/01/2020

Remarks: Approved source. Date is mentioned only for reference.