



# BHARAT HEAVY ELECTRICALS LIMITED

## TRANSMISSION BUSINESS ENGINEERING MANAGEMENT

DOCUMENT No.	TB-378-316-001A	Rev	00	Prepared	Checked	Approved
CUSTOMER Doc. No.		NAME	DP	AS	JK	
TYPE OF DOC.	TECHNICAL SPECIFICATION	SIGN	<i>Duyal</i>	<i>AS</i>	<i>JK</i>	<i>[Signature]</i>
TITLE	400 kV GIS SPARE	DATE	13.9.23	13/09/23		
		GROUP	TBEM			
		W.O. No				

CUSTOMER	TANGEDCO ENNORE SEZ
PROJECT	400kV GIS – TANGDCO ENNORE SEZ

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Rev.	Date	Altered	Checked	Approved	REVISION DETAILS		
Distribution				CUSTOMER	TBMM	O/C	
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## SCOPE AND SPECIFIC TECHNICAL REQUIREMENT

### 1. SCOPE

This technical specification covers the requirements of supply of 400 kV GIS spares.  
The Item is required for the following projects:

**Name of customer: TANGEDCO ENNORE SEZ**

**Name of the Project: 400 KV GIS FOR TANGEDCO ENNORE SEZ.**

### 2. SPECIFIC TECHNICAL REQUIREMENTS

GIS Spare listed in below BOQ is required for **M/S Siemens make 400 kV GIS** supplied at TANGEDCO Ennore. Bidders to ensure that supplied spare shall be compatible with existing supplied GIS. *vide PO 277PI61*

### 3. BILL OF QUANTITIES

1	C1B47908001001	Col.acc.pack, RAL 1013 pearl white	57 nos
2	C1B47908001009	Col.acc.pack, RAL 9006 white aluminium	1 nos
3	C1B95042604000	loctite 243	2 nos
4	C1B109245P008	Multifunction Oil 145_245	7 ltr
5	C1B95048769000	Sealing compound Sikaflex-221	227 nos
6	C1B95046730000	Hardener	14 nos
7	C1B47123016104	Rod head	72 nos
8	C1B95043107000	Ch. Head screw ISO 4762_M8x90_10.9-A2K	432 nos
9	C1B95028709000	Washer ISO 7089_8.0_200HV A2K	432 nos
10	C1B47123000011	Conductor I=225	10 nos
11	C1B47133060001	Contact spring, pin diameter 124mm	25 nos
12	C1B47133051001	Contact piece	21 nos
13	C1B47123016104	Rod head	22 nos
14	C1B46825308005	AL-NDCOVER 300	2 nos
14b	C1B46820442005	Add-on parts, gas monitoring E	8 sts
15	C1B95047183000	Flange coupling DN20	8 nos
16	C1B95050788000	Covering cap DN20	8 nos
17	C1B95038750000	SSN 63250_27.00x2.50-S_RNE60	8 nos
18	C1B95025814000	Cheese head screw ISO 4762_M6x25_A2-70	32 nos
19	C1B95029595000	Washer ISO 7089_6.0_200HV_A2	32 nos
20	C1B95050768000	SSN 63250_33.00x3.00-S_RNE60	8 nos

20b	C1B46820442004	Add-on parts, gas monitoring D	8 sets
21	C1B95047804000	SSN 63250_14.00x1.80-S_RNE60	8 nos
22	C1B95025048000	Screw ISO 4017_M6.00x20_A2-70	24 nos
22b	C1B44002102001	Valve block, assembly	8 sets
23	C1B95038750000	SSN 63250_27.00x2.50-S_RNE60	8 nos
24	C1B95025814000	Cheese head screw ISO 4762_M6x25_A2-70	32 nos
25	C1B44002101001	Valve block	8 nos
26	C1B95029595000	Washer ISO 7089_6.0_200HV_A2	24 nos
27	C1B41205312001	Nozzle	8 nos
28	C1B95038778000	SSN 63250_4.00x1.00-S_RNE60	8 nos
28b	C1B46825335202	Cover assembly NW 200	6 sets
29	C1B42701839001	Filter pot RAL 9006	3 nos
30	C1B42702011001	Holed coupling half	4 nos
31	C1B95025937000	Screw DIN 933_M12.00x45_8.8-tZn_L49/22	24 nos
32	C1B95030564000	Screw ISO 4762_M12.00x35_8.8-tZn_L49/22	48 nos
33	C1B95034021000	Washer ISO 7092_12.0_200HV tZn	48 nos
34	C1B95028715000	Washer ISO 7089_12.0_200HV tZn	24 nos
35	C1B95038746000	SSN 63250_200.00x6.00-S_RNE60	6 nos
36	C1B95038753000	SSN 63250_195.00x5.00-S_RNE60	6 nos