

## **Amendment No. 1 to Tender No. SGI2505P17 dated 19/09/2016**

SI No.	Clause No. & Previous Description	Revised Description
1.0	<p><b>Item no. 10, Clause No : 3.7</b>  <u>Busbar</u>  Switchgear shall be complete with all connection, bus-bars etc. aluminium bus bars continuous rating shall be 630 Amps. The bus bars should be fully encapsulated by SF6 gas inside the steel tank.</p>	<p>To amend clause 3.7 and 4.4 of item no. 10 only as under:</p> <p>3.7: Switchgear shall be complete with all connection, bus-bars etc. aluminium/ Copper bus bars continuous rating shall be 630 Amps. Aluminium/Copper can be considered with suitable socketing (copper/ bi-metallic) for cable termination. The bus bars should be fully encapsulated by SF6 gas inside the steel tank.</p> <p>4.4 <u>Busbars</u>  (a) Material : Aluminium/ Copper</p>
2.0	<p>Item no. 10,  <b>Clause No : 4. 10</b>  <u>Fault Passage Indicators</u>  Load break switch functions shall be equipped with a fault passage indicator (FPI), in order to detect and localize easily the faulty part of the network.</p> <p>The FPI fault detection core function shall be self-powered without help of external power supply or built-in batteries.</p>	<p>To amend Clause 4.10 as under:</p> <p><u>Fault Passage Indicators</u>  Load break switch functions shall be equipped with a fault passage indicator (FPI) (for both earth fault and overcurrent), in order to detect and localize easily the faulty part of the network.</p> <p>The FPI fault detection core function shall be self-powered without help of external power supply or built-in batteries.</p>
3.0	<p><b>For all items:</b>  <b>Clause No: 7.0: Warranty :</b>  The equipment shall be best quality and workmanship. The RMU with all electrical equipment's shall be guaranteed for 12 months from the date of commissioning against defects arising due to material, workmanship or design.</p>	No change
4.0	<p>Item no. 10:  <b>Clause No 7.0 Make &amp; Model:</b>  Model: Similar to Schneider 4-way RMU;  FBX-C/12-21/CT2CT2/INDOOR-C-Manual T2-Manual</p>	No change

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5.0	<p><b>clause no: 4.3 of item no. 10:</b> Vacuum Circuit Breaker</p> <p>j) Operating mechanism: Electrically operated ON-OFF. Manual Line disconnecter with three position switches ON-OFF-EARTH</p>	No change
6.0	<p><b>BEC/BRC , Technical Clause A (iii) and (iv)</b></p> <p><u>In case the Bidder is an OEM</u> - The Bidder shall have experience of designed, manufacture and supply of at least 3(three) sets of 6.6 KV / 11 KV RMU/HT Switchgear to any Central Govt. / State Govt. / PSUs /Public Limited Companies in the last 5(five) years.</p> <p><u>In case the Bidder is an Authorised Dealer</u> - The Bidder shall have experience of supply, installation &amp; commissioning of at least 2(two) sets of 6.6 KV / 11 KV RMU/HT Switchgear and 2(two) sets of 415V PCC Panel / PMCC Panel to any Central Govt. / State Govt. / PSUs /Public Limited Companies in the last 5(five) years.</p>	No change
7.0	<p><b>In item nos. 20, 30, 40 Clause no. 5.0</b></p> <p>1 no. Lighting DB with 63 A MCCB for substation lighting.</p>	<p>To amend clause no. 5.0 for item nos. 20, 30, 40 as under:</p> <p>1 no. outgoing feeder with 63 A MCCB for substation lighting.</p>
8.0	<p><b>Item no. 20,</b></p> <p><b><u>Make:</u></b></p> <p>L&amp;T/SIEMENS/Schneider/ABB/Equivalent.</p>	No change
9.0	<p><b>Item no. 20,30, 40: Clause 8.0</b></p> <p>a) Bidder should provide detail dimensional drawing &amp; SLD for technical evaluation without which the offer will be considered non responsive and rejected.</p>	<p>To amend clause 8.0 of item nos. 20, 30, 40 as under:</p> <p>(a) Bidder should provide dimensional drawing &amp; SLD for technical evaluation without which the offer will be considered non responsive and rejected</p>
10.0	<p><b>Item no. 50, Installation and Commissioning of LT Panel, Special notes on LT Panel:</b></p> <p>(g) Vendor has to do temporary arrangement for LT power distribution</p>	No change

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	during execution of jobs requiring prolong shutdown.	
11.0		Attached drawings to be uploaded as Amendment to tender.
12.0	<b>BEC/ BRC clause C, (iii) The Bank Guarantee towards Bid Security shall be valid for 90 days from the Bid Validity as mentioned in Sl. No. (i) above</b>	No change
13.0	<b>Item no. 10 and 20 . Pre-despatch Inspection</b>	To include clause in Pre-despatch inspection that “ charges related to to & fro, fooding , lodging of OIL personnel is not to be borne by bidder.”

### **Notes:**

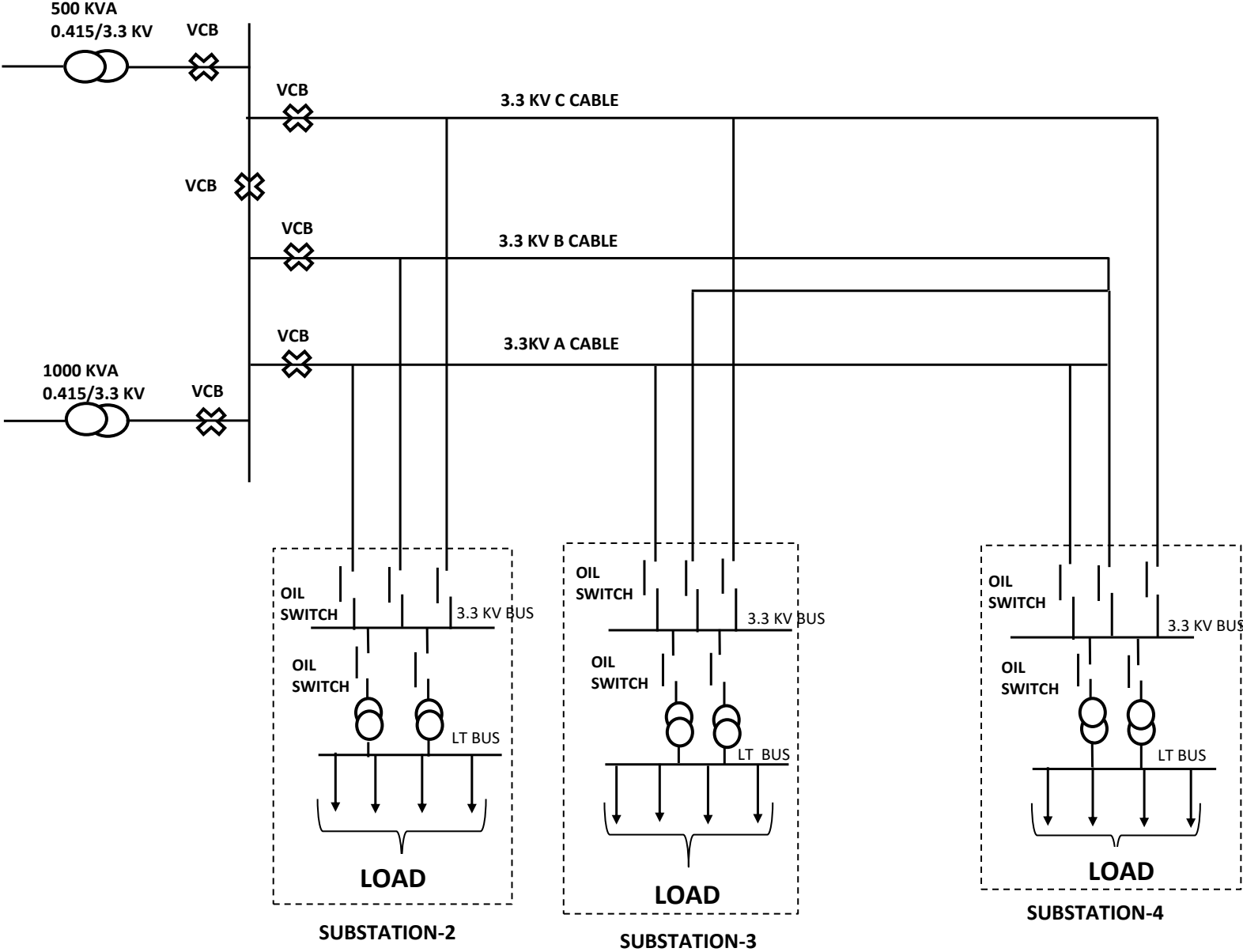
B C date has been set at 17<sup>th</sup> November, 2016.

**Validity of the bid shall be minimum 90 days from the Bid Closing Date. Bids with lesser validity will be rejected.**

**Validity of Bid Security if submitted in the form of Bank Guarantee shall be valid for 90 days from the Bid Validity i.e. upto 16.05.2017. . Bank Guarantee with lesser validity will be rejected.**

**EXISTING SYSTEM SLD**

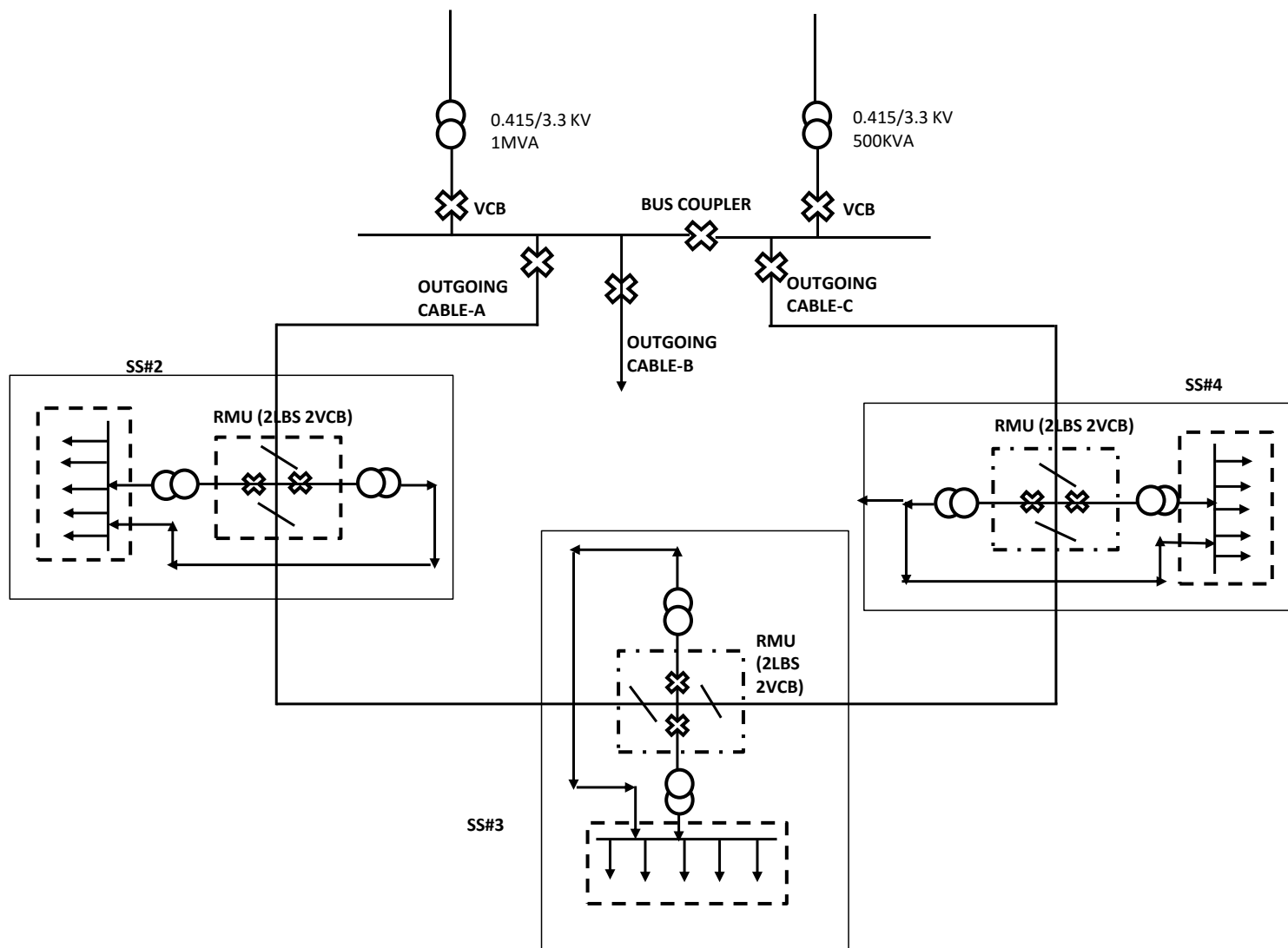
ANNEXURE-V



3.3 KV BUS

**PROPOSED SLD OF THE SYSTEM**

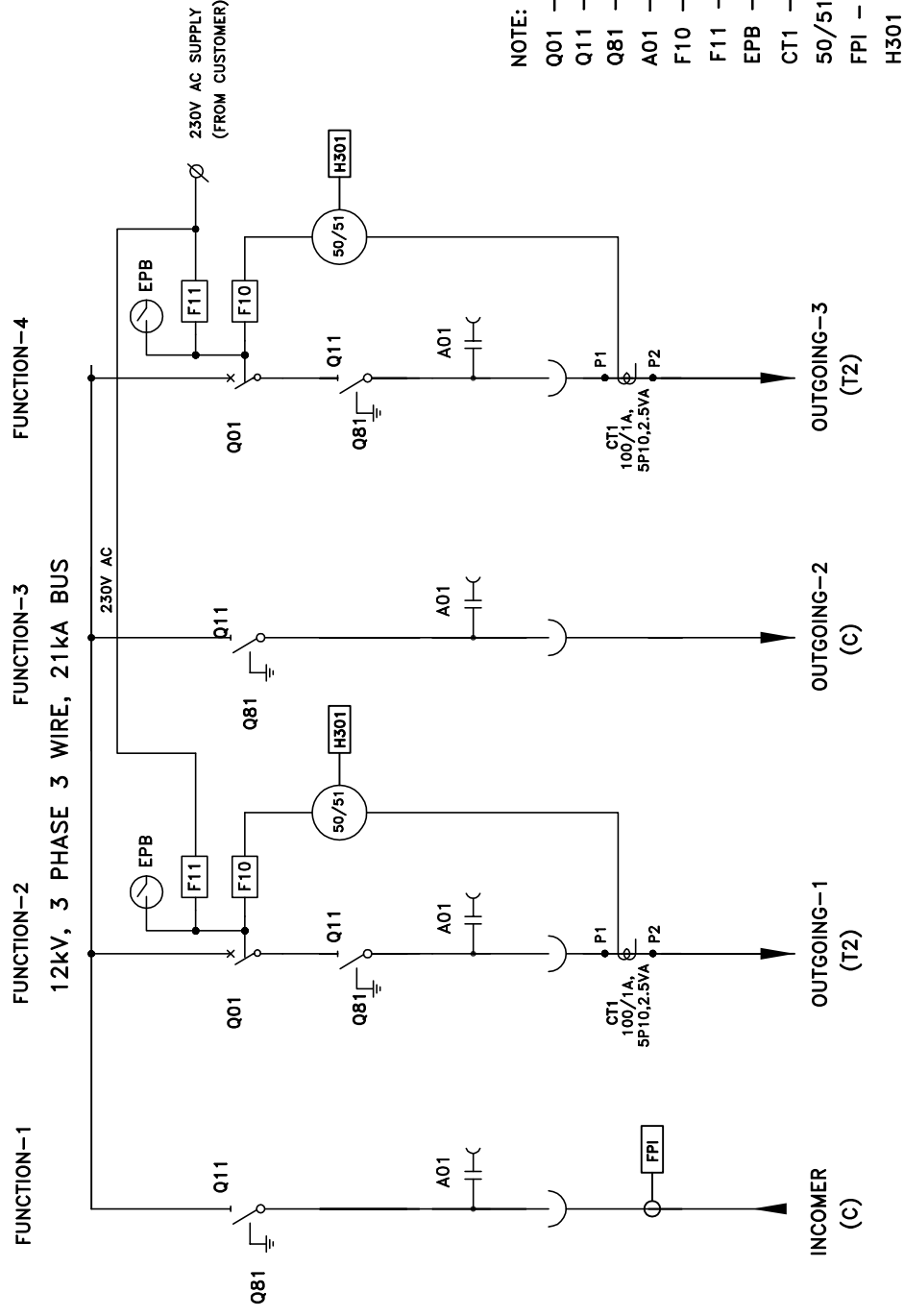
ANNEXURE-III



**Note: Dotted blocks are under bidders scope of supply & execution**

# SINGLE LINE DIAGRAM

ANNEXURE-IV



NOTE:

- Q01 - CIRCUIT BREAKER
- Q11 - LOAD BREAK SWITCH/DISCONNECTOR
- Q81 - EARTH SWITCH
- A01 - VOLTAGE PRESENCE INDICATOR
- F10 - RELAY TRIP COIL
- F11 - SHUNT TRIP COIL
- EPB - EMERGENCY PUSH BUTTON
- CT1 - CURRENT TRANSFORMER
- 50/51 - O/C & E/F RELAY -50,51,50N,51N
- FPI - FAULT PASSAGE INDICATOR
- H301 - FLAG INDICATOR