

		BHARAT HEAVY ELECTRICALS LIMITED TRANSMISSION BUSINESS ENGINEERING MANAGEMENT NOIDA												
	DOCUMENT No.		TB-390-316-025A				Rev 00		Prepared		Checked		Appd	
	TYPE OF DOC.		TECHNICAL SPECIFICATION				NAME		Vyom		SKS		SKS	
	Stand FOR 220V DC LEAD ACID PLANTE TYPE BATTERY BANK						SIGN							
							DATE							
							GROUP		TBEM					
							W.O. No		86005					
	CUSTOMER/			NTPC SAIL POWER COMPANY (P) LIMITED (NSPCL)										
CONSULTANT			MECON, RANCHI											
COPYRIGHT & CONFIDENTIAL The information in this document is the property of BHARAT HEAVY ELECTRICALS LIMITED This must not be used directly or indirectly in anyway detrimental to the interest of the company.	PROJECT		NSPCL-Rourkela PP-II Expansion (1x250 MW)											
	<u>Contents:</u>													
	<u>Section No.</u>		<u>Description</u>								<u>No of Pages</u>			
	SECTION-1		SCOPE, SPECIFIC TECHNICAL REQUIREMENTS and QUANTITIES								1			
	Rev	Date	Altered	Checked	Approved									
	Distribution					To								
					Copies									

SECTION - 1

SCOPE, SPECIFIC TECHNICAL REQUIREMENTS AND QUANTITIES

1.0 SCOPE

This technical specification covers the requirements of manufacture, packing and dispatch Stand of 220V DC Lead acid Plante Type Batteries complete with rack assembly and other accessories as required .

1.1 The equipment is required for the following project.

**Name of the Customer : NTPC SAIL POWER COMPANY (P) LIMITED
(NSPCL)**

**Name of the Project : NTPC SAIL POWER COMPANY (P) LIMITED
ROURKELA POWER PROJECT (PP – III :
1X250 MW)**

Name of the Consultant : M/s MECON

Main Contractor : BHEL

1.2 SPECIFIC TECHNICAL REQUIREMENTS

1.2.1 The stand for battery bank shall conform to Clause 8.02.08 of Section 2 in Specification number – TB-390-316-025 R0

1.2.2 The item shall be new and conform to the quality norms stipulated in the specification no.- TB-390-316-025 R0

1.2.3 The bidder shall follow diagram attached with this specification for dimensions.

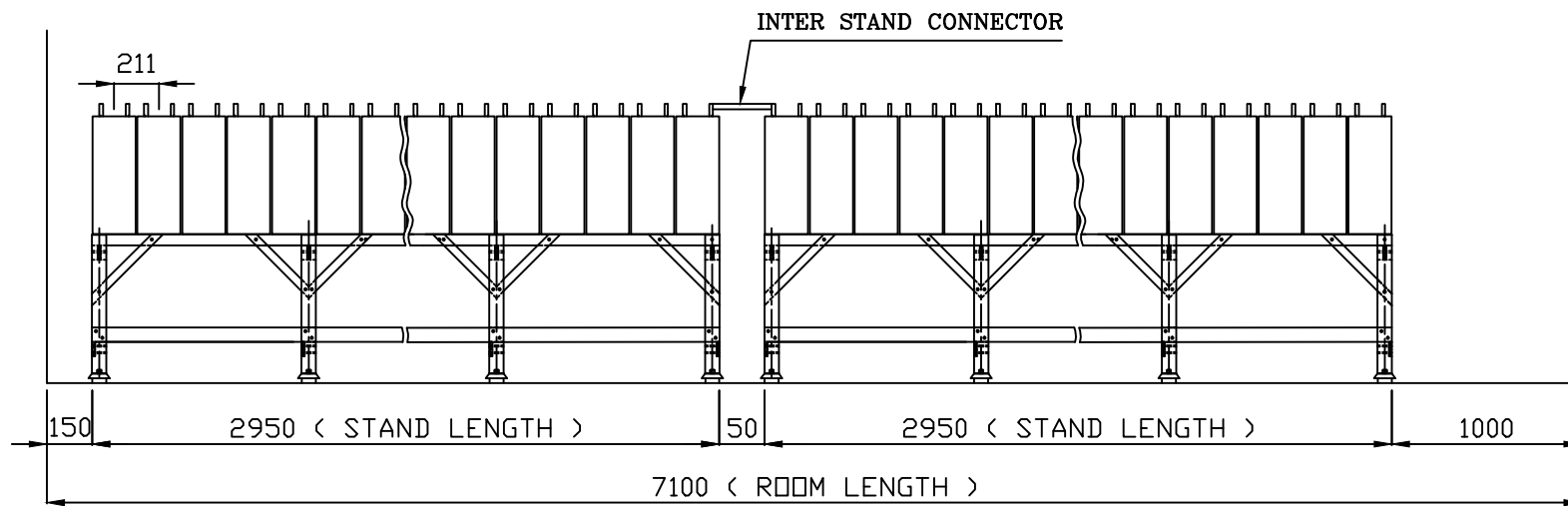
1.3 Bill of Quantity

Sno	Item Description	UOM	Qty
1.	Woddend Racks for 220V Battery Sets	Lot	2

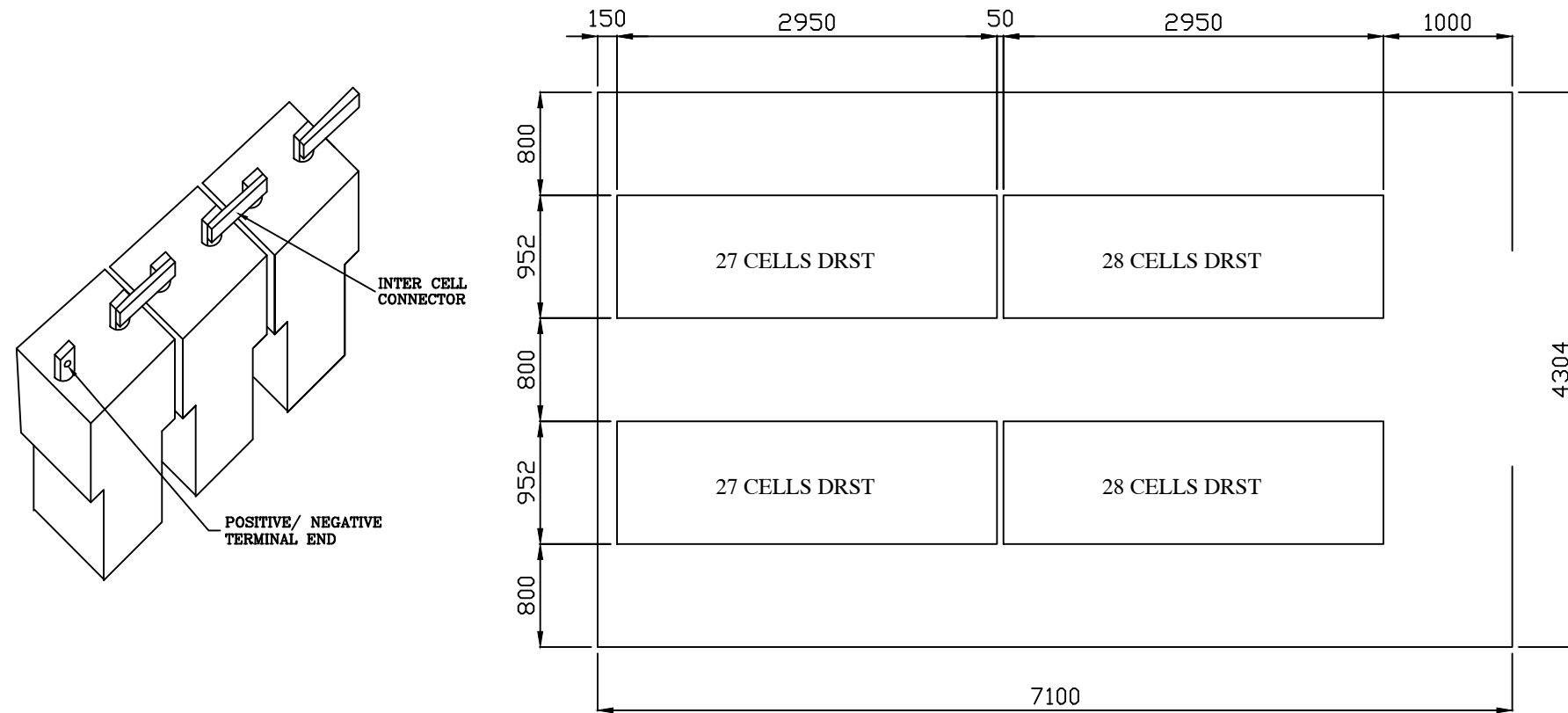
-----xxx-----

THE INFORMATION IN THIS DOCUMENT IS THE PROPERTY OF EXIDE INDUSTRIES LTD. THIS DOCUMENT CANNOT BE MODIFIED BY ANYBODY. OTHER THAN OUR AUTHORISED REPRESENTATIVE. ANY SUCH ACT SHALL MAKE THIS DOCUMENT INVALID FOR USE AND SHALL ATTRIBUTE EXIDE INDUSTRIES LTD. FROM ANY RESPONSIBILITY PERTAINING TO THE USE OF THIS DOCUMENT.

ROOM TO BE PROPERLY VENTILATED & TEMPERATURE SHOULD BE MODERATE.



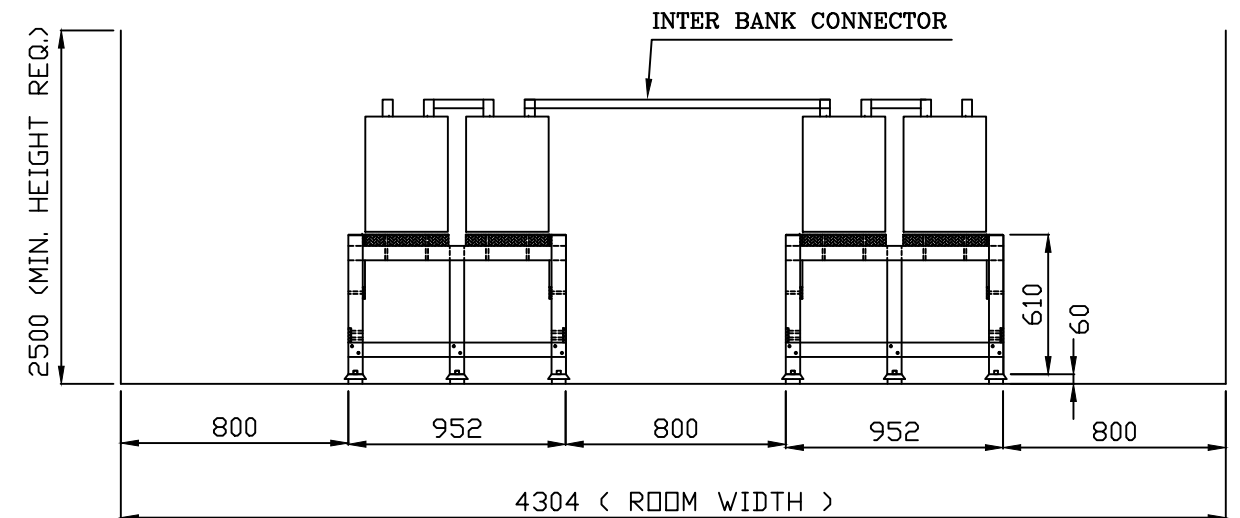
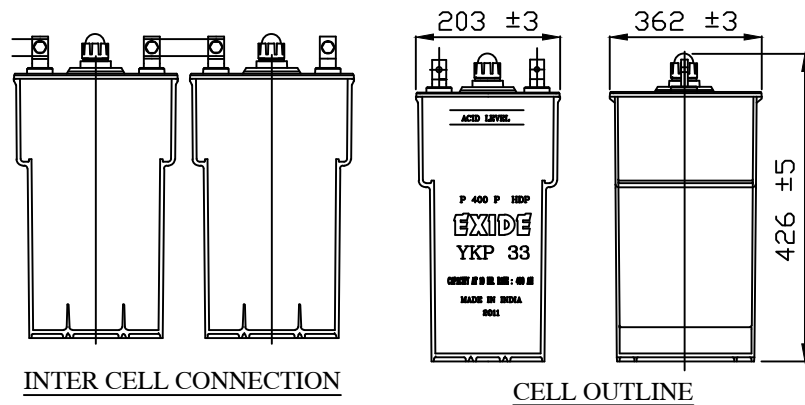
VIEW AT "A"



ROOM LAYOUT FOR 110 YKP33

Note :

1. 2 Sets of the 220V Battery is considered for the 220kV GIS Switchyard as per Technical Specification



VIEW AT "B"

BILL OF MATERIAL PER SET)

SL. No.	ITEM DESCRIPTION	CAT No.	QTY PER SET	QTY FOR TWO SETS
1.	YKP 33 Cell	-----	110 Nos.	220 Nos.
2.	28 Cell DRST Wooden Stand	-----	4 Nos.	8 Nos.
3.	Inter Cell Connector	CCL 980	204 Nos.	408 Nos.
4.	Inter Row/Stand Connector	SBL 1172	6 Nos.	12 Nos.
5.	Inter Bank Connector	SBL 1174	1 No.	2 Nos.
6.	Fastener (MS - Lead Plated)	SSL 935	220 Sets	440 Sets
7.	Microporous Vent Plug	SP 1006	220 Nos.	440 Nos.
8.	Cable end	SL 992	16 Nos.	32 Nos.
9.	Stillage Insulator	RF 070	48 Nos.	48 Nos.
10.	Number plate (1-110)	-----	1 set	2 sets
11.	Fixing screw	-----	220 Nos.	440 Nos.
12.	Petroleum Jelly	-----	2800 Gms.	5600 Gms.
13.	Cell electrolyte (Sp. Gr. 1.205) with 10% extra for initial filling in non-returnable plastic jerrican	-----	1550 Lts.	3100 Lts.

NTPC-SAIL POWER COMPANY (P) LIMITED	
Project	ROURKELA PP-II EXPANSION PROJECT (1X250 MW)
Consultant	MECON LIMITED
DEPT : TBG	SCALE : NTS
TRANSMISSION BUSINESS GROUP	DRAWING NUMBER : BC 42250
EXIDE INDUSTRIES LIMITED	R & D CENTRE, 217 NAZRUL ISLAM AVENUE KOLKATA - 700059
TITLE : OGA OF BATTERY 220V YKP33(400AH) FOR SWITCHYARD	PgNo 1/1