



TABLE 1

Item No	Description	Code/kV Class	Qty.
01	SF6 CIRCUIT BREAKER WITHOUT PIR Three Phase, 1250 A, 20 kA for 1sec	52 132	7 NOS.
02	DOUBLE BREAK ISOLATOR SWITCH WITHOUT E/S Three Phase, Manual Operated, 630 A, 20 kA for 1sec	89 132	18 NOS.
03	DOUBLE BREAK ISOLATOR SWITCH WITH ONE E/S Three Phase, Manual Operated, 630 A, 20 kA for 1sec	89 132	2 NOS.
04	SURGE ARRESTOR Single Phase, 60 kV, 10kA	SA 66	27 NOS.
05	CURRENT TRANSFORMER Single Phase, 1250 A, 20 kA for 1 sec, 5 Core	CT 132	21 NOS.
06	CAPACITIVE VOLTAGE TRANSFORMER Single Phase, 3 Core, 13200 pF	CVT 66	9 NOS.
07	LINE TRAP Single Phase, 1250 A, 20 kA for 1 sec, 0.5mH, Suspension Mounting	WT 132	2 NOS.
08	HT CABLE SEALING END Single Phase	132	18 NOS.
09	HT CABLE XLPE	HTC 66	1 LOT

SYSTEM:-
66KV, 630A, 20kA FOR 1 SEC, EFFECTIVELY EARTHED

REFERENCE DRAWING:-
NHPC SINGLE LINE DIAGRAM

COMPUTER DRG. PATH NAME :

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INVENTORY NO.

SIGN & DATE

REV.	DATE	ALT.D.	CHD.	APPD.	REV.	DATE	ALT.D.	CHD.	APPD.	NAME	SIGN.	DATE
										DRAWN		12.11.08
										CHECKED		12.11.08
										APPROVED		12.11.08
										DISTRIBUTION OF PRINTS		
										DEPT.	CODE	
										TBEM	422	
										SCALE	NTS	
										W.O. No.		
										DRG. No.	TB-3-317-510-001	
												REV. 0

NAME OF CUSTOMER/PROJECT
NHPC LIMITED, FARIDABAD
NIMOO-BAZGO (ALCH) H.E. PROJECT, J&K

BHARAT HEAVY ELECTRICALS LIMITED
TRANSMISSION BUSINESS GROUP

SINGLE LINE DIAGRAM
OF 66KV NIMOO BAZGO SWITCHYARD

CARD CODE
NEXT SHEET
1



REFERENCE DRAWINGS:-

SECTION-ZZ

1. NHPG SECTIONAL ELEVATIONS, DRAWING
2. LAYOUT PLAN OF 66 KV SWITCHYARD- DRG NO. TB-1-317-316-002 REV.00

SECTIONAL DETAILS OF 66KV SWITCHYARD