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**Subject:** PT CONFIRMATION REQUIRED || Rocky Switchgear A/c New Mangalore Port || SO-4203043946-01

Dear Sir,

As discussed, the following are the technical specifications as per the tender and we are offering as per technical physicality.

As per tender specifications:-

Type : Single phase  
Ratio: 33KV/Route3, 110/Route3 Volts,  
Burden: 100VA Class: 0.2  
OVF 1.2 continues & 1.5 for 30 Sec.

As per the offer received with respect to technical physicality from vendor:-

CAST RESIN DRAWOUT TYPE PT  
PTR: 33KV/V3/110/V3/110/V3/110/3V  
CORE 1: 50VA CL:0.2 (Star)  
CORE 2: 100VA CL:3P (Star)  
CORE 3: 50VA CL:3P (OPEN DELTA)  
BIL:36kV/70kVrms/170kVpeak,FREQ: 50Hz  
OVF : 1.2 CONTINUOUS & 1.9 for 8 Hours  
BIL : 36kV/70kVrms/170kVp,  
INSULATION CLASS: B

Also refer attached vendor Deviation letter for the PT specifications.

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AS per Specification requirement of PT total PT burden is 100VA, whereas we have offered total PT burden is 200VA (Core 1: 50VA CL 0.2, Core 2:100VA CL 3P & Core 3:50VA, CL 3P).

There is not possible to achieve PT burden 100VA with 0.2 Class. hence we have offered best possible. Manufacturer Deviation letter is enclosed for your ready reference.

Same pecifications we shall update in as-built drawings.

Regards,  
Akshada

Approved

कार्यपालक अभियंता (विद्युत)  
Executive Engineer (Ele)  
नव मंगलूर पत्तन प्राधिकरण  
New Mangalore Port Authority  
पणवूर / Panambur - 575017

Resin Cast, Indoor, Wound Primary, Current Transformer to  
IS:16227-182/2016  
Ratio: 100V/1A  
HSV: 38kV L: 35/70/110kVp  
Core: 15 VA Class 0.25 SF ~ 12  
Rct @ 75°C ~ 0.5 ohms  
Core: 15 VA Class 0.25  
Rct @ 75°C ~ 12 ohms  
STC: 25.3 kVA/3 Sec.  
Freq: 50 Hz Insulation Class: B  
Secondary Terminals on: P2 Side  
\*ABB Dring No: W7YH04301 - V

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