

SUMANT KUMAR BEHERA

From: SANDEEP LODH - ELC <sandeeplo dh@bhelpem.co.in>
Sent: 13 May 2017 19:41
To: Marina Khuttiya
Cc: 'Ujjwal Singh'; 'kgunjan@bhelhyd.co.in'; 'sumant kumar behera'; kumaramit@bhelhyd.co.in; SAYAN ROY - MAUX; SHASHANK MISHRA - PG-I-2; 'L Bindu'
Subject: RE: 1X250 MW NSPCL ROURKELA PROJECT- Clarifications required regarding Qty. and Rating of Transformer greater than 10 MVA

Follow Up Flag: Follow up
Flag Status: Flagged

Mam ,
Quantity and rating of transformers mentioned in the trailing email is OK .
There are 2 nos. oil filled transformers (2 MVA rating) located in river water intake pump house .
These transformers are under ordering .
Oil volume can be confirmed after the transformers are ordered .
As of now we do not envisage that the oil volume should exceed 2000 Litres

Regards
Sandeep Lodh
Deputy General Manager (Elect)
BHEL (PS-PEM)
Noida
Landline Number : 0120-4368641
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From: Marina Khuttiya [mailto:marinak@bhelhyd.co.in]
Sent: 13 May 2017 4:49 PM
To: SANDEEP LODH - ELC <sandeeplo dh@bhelpem.co.in>; 'L Bindu' <lb@bhelisg.com>; SHASHANK MISHRA - PG-I-2 <shashankmishra@bhelpem.co.in>
Cc: 'Ujjwal Singh' <ujjwals@bhel.in>; 'kgunjan@bhelhyd.co.in'; 'sumant kumar behera' <sumant108@bhelhyd.co.in>; kumaramit@bhelhyd.co.in; SAYAN ROY - MAUX <sayanroy@bhelpem.co.in>
Subject: 1X250 MW NSPCL ROURKELA PROJECT- Clarifications required regarding Qty. and Rating of Transformer greater than 10 MVA
Importance: High

Project:: **1 X 250MW NSPCL,ROURKELA TPS Expansion project**
System:: **Fire Protection & Detection system**

Dear Sir/Ma’am,

This has reference to the Fire Protection System (High Velocity Water Spray system) requirements for the Transformers having rating greater than 10 MVA or oil capacity of 2000 Litres and higher, for the subject Project.

As per the Key Single Line Diagram, PE-DG-427-565-E001-R3, we have listed down the transformers (to be protected by HVWS system), which are having rating greater than 10 MVA, as follows. The transformers’ quantity and rating is also provided:-

Sl.	Transformer Description	Rating	Qty.
1	Generator Transformer	189/252/315 MVA	1 NO.

2	Station Transformer	30/37.5 MVA	1 NO.
3	Unit Transformers	30/37.5 MVA	2 NO.

Request to please provide your confirmation on the qty. and rating of the transformers as listed above.

In case, any other transformer(other than as listed in the above table) **having rating greater than 10 MVA** or having **oil capacity greater than 2000 Litres** is available for the project , May kindly provide the list of transformers and their details to us.

This is urgently required for the downstream Engg. /procurement activities of **Spray System for FPS.**

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Regards,

Marina Khuttiya
PE&SD, Hyd.
Ph.: 040-23182879