

The technical specifications required for the Quench salt to be used in pilot plant for heat treatment are listed below :-

<b>Sr. No</b>	<b>Description</b>	<b>Specifications</b>														
1	Nature of Salt	Neutral														
2	Appearance	Pink														
3	Meting Point	<ul style="list-style-type: none"> <li>• Sharp Melting point</li> <li>• Melting Temperature 140° C</li> </ul>														
4	Working Temperature Range (° C)	180-540														
5	Specific Heat	<table border="1"> <thead> <tr> <th><b>Temperature Range (°C)</b></th> <th><b>Specific Heat (KJ/Kg-K)</b></th> </tr> </thead> <tbody> <tr> <td>21-130</td> <td>0.46</td> </tr> <tr> <td>150-200</td> <td>0.41</td> </tr> <tr> <td>200-260</td> <td>0.39</td> </tr> <tr> <td>260-315</td> <td>0.36</td> </tr> <tr> <td>315-425</td> <td>0.33</td> </tr> <tr> <td>425-540</td> <td>0.30</td> </tr> </tbody> </table>	<b>Temperature Range (°C)</b>	<b>Specific Heat (KJ/Kg-K)</b>	21-130	0.46	150-200	0.41	200-260	0.39	260-315	0.36	315-425	0.33	425-540	0.30
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7	Suitable for	<ul style="list-style-type: none"> <li>• Ferrous Metals</li> <li>• Copper &amp; Copper Alloys</li> </ul>														
8	Chemical Report	Chemical report of the salt should be attached with the Tender document and at the time of delivery														

**Punjab Engineering College**  
**(Deemed to be University)**  
**Department of Metallurgical and Materials Engineering**  
**Chandigarh-160012**

Memo. No. Mett/  
Date:

**Quotation Notice**

**Subject: Quotations for purchase of Quench salt to be used in pilot plant for heat treatment**

Dear Sir/Madam,

Quotations are hereby invited in respect of the item mentioned below. The quotations should be sent directly at the address mentioned below in the sealed cover with wax/transparent fixing tape duly singed in ink marked **“Quotation for purchase of Quench salt to be used in pilot plant for heat treatment and due date** on the top of the envelope so as to reach this office on or **before March 15<sup>th</sup>, 2021 by 4.00PM.**

S.No.	Name of item	Qty
1	Quench salt to be used in pilot plant for heat treatment (Detailed specifications enclosed herewith)	2000kg

These will be opened on **March 16<sup>th</sup>, 2021 at 11:00 AM** by the committee members in the presence of the bidders or their representative who may like to be present during opening of quotations. The right of acceptance or rejection of any quotation without assigning any reason is reserved. Please quote on F.O.R PEC, Chandigarh basis. No advance payment will be made. 100% payment will be made after the successful delivery and installation. **The Institute is exempted from GST as per certificate No. TU/V/RG-CDE(1066/2018) dated 28.08.2018 issued by DSIR & concessional rate of GST@5% shall be applicable**

**Note: - The complete quotation document may be downloaded from the Institute website i.e. [www.pec.ac.in](http://www.pec.ac.in).**

Prof. & Head  
Metallurgical & Materials Engg. Deptt.