



## Department of Geology University of Kerala

Kariavattom. P.O., Thiruvananthapuram-695 581, India  
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Dated 26<sup>th</sup> August 2019

### QUOTATION NOTICE

Sealed competitive quotations are invited from reputed firms having office in Thiruvananthapuram for the supply of following branded item with the same specifications for the project (No. KSCSTE/5348/2017-E&E) funded by KSCSTE, in the Department of Geology, University of Kerala, Kariavattom, Thiruvananthapuram.

1. Jaw Crusher - 1 no.

*Technical Specifications as shown in the table*

<i>Sl. No.</i>	<i>Particulars</i>	<i>Details</i>
1	<i>Working principle</i>	<i>Impact</i>
2	<i>Mounting type</i>	<i>Floor mountable, doesn't require platform</i>
3	<i>Motor and power supply</i>	<i>1.5 K.W. (2 HP), Three phase 440 V</i>
4	<i>Equipment weight</i>	<i>≤ 350 kg</i>
5	<i>Jaw material</i>	<i>Tungsten carbide coated, tungsten carbide lined, hardened steel</i>
6	<i>Interchangeable Jaws</i>	<i>Facility to interchange the jaws such as tungsten carbide coated, tungsten carbide lined and hardened steel</i>
7	<i>Jaw blade gap adjustment mechanism</i>	<i>Jaw blade gap adjustment mechanism to crush various sizes of samples</i>
8	<i>Dust free crushing</i>	<i>Dust free crushing with dust extraction system</i>
9	<i>Size of jaws</i>	<i>260 x 100 x 19 mm</i>
10	<i>Output capacity</i>	<i>100 kg / hr.</i>
11	<i>Maximum feed size of the sample</i>	<i>≤ 65 mm</i>
12	<i>Input feed size I<sup>st</sup> pass</i>	<i>≤ 65 mm</i>
13	<i>Product size I<sup>st</sup> pass</i>	<i>≤ 10 mm</i>
14	<i>Input feed size II<sup>nd</sup> pass</i>	<i>≤ 10 mm</i>
15	<i>Product size II<sup>nd</sup> pass</i>	<i>≤ 3 mm</i>
16	<i>Changeable collection tray</i>	<i>Option to use different collecting tray for different material</i>
17	<i>Collection tray material</i>	<i>steel</i>

<b><i>Safety features</i></b>		
18	<i>Overload protection</i>	<i>Trip the circuit and prevents motor from burning in case of clogging</i>
19	<i>Pulley and belt guard</i>	<i>Which prevents accident when in close contact with pulley and belt during the operation</i>
20	<i>Batch feeding hopper</i>	<i>Batch feeding hopper to avoid accident during crushing</i>
21	<i>Sample collection system</i>	<i>Safe sample collection system to prevent any accident while collecting the sample during the operation</i>

Interested parties can submit sealed quotations for single or multiple items. The quotations should reach “**Dr. Anil Kumar Y., Assistant Professor, Department of Geology, University of Kerala, Kariavattom, Thiruvananthapuram-695581**” on or before **19<sup>th</sup> September 2019, 4.00 pm** subject to following conditions:

1. The quoted rate must include all taxes, delivery charges, installation and any other charges.
2. Complaints with the items supplied should be rectified /replaced to the satisfaction of the University by the suppliers at their own cost.
3. Payment will be made only after the supply and successful installation of the items at our site.
4. The quotations should have a validity of minimum 1 month.
5. Warranty period should be specifically mentioned.
6. The undersigned reserves the right to reject /accept any quotation without assigning any reason.

(sd/-)  
(Dr. Anil Kumar Y)