

**Office of the Assistant Engineer-IV**  
**Material teting Unit -1**  
**Irrigation Research Institute, Roorkee-247667**

**Quotation Notice No. 01/RCC/Quotation/2021-22**

Sealed quotations are invited from authorized manufacturing company/whole seller/distributor for the supply of following items. The Quotation should be received by the office of undersigned till dated 18.12.2021 up to 3.00 PM in person or by post. For any postal delay, the whole responsibility will be of quotationers only. Technical specifications of instruments are enclosed (01). The quotation shall be opened on 18.12.2021 at 3.30 PM at the office of undersigned. Other terms & conditions and specifications may be collected from the office of the undersigned in any working day.

Item. No.	Name of Items	Unit	Quantity
1	Base Plate	No.	01
2	Measuring tape	No.	01
3	Sprit level	No.	01
4	Sample container	No.	01
5	V- funnel	No.	01
6	Streight edge	No.	01
7	L Box	No.	01
8	Specific Gravity Apparatus	No.	01
9	Picnometer	No.	01

**Terms and Conditions: -**

1. The rates should be quoted without GST. The amount of GST must be added separately.
2. The quoted rates should be valid for a minimum period of 120 days from the date of opening of quotation.
3. The quotationers shall have to supply within 15 days after the receipt of supply order.
4. The quantity of items mentioned above can be reduced or increased upto any extent depending on the requirement at the time of purchase.
5. The payment shall be made only after satisfactory supply of items.
6. Conditional/incomplete quotation shall not be accepted and the undersigned reserves the right to reject anyone or all quotations without assigning any reason.
7. Specifications of the above itmes are annexed as Annexure-1.
8. Calibration certificate, if applicable, must be submitted by quotationers during supply.

Assistant Engineer  
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**Letter No.228 /Mt-4/Quotation, Dated: 03/12/2021**

Copy is forwarded to the following for information and necessary action:

- 1- Executive Engineer, Adminstration Division, Irrigation Research Institute, Roorkee.
- ✓ 2- Research Officer, Basic Resarch Unit, Irrigation Research Institute, Roorkee with the request to publish the quotation on the [www.iriroorkee.res.in](http://www.iriroorkee.res.in).
- 3- Research Officer, Material Testing Unit-1, Irrigation Research Institute, Roorkee.
- 4- Notice Board, Irrigation Research Institute, Roorkee.

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**Technical Specification**

1. **Base Plate for Slump Flow Test:** Base plate should confirm the specification as per IS 1199 (Part-6): 2018 having the following specification:
  - Material: Steel
  - Area: 900\*900 mm
  - Additional Feature: Such a type and save as to permit the basket containing the sample to be suspended from the beam and weight in water.
2. **Measuring Tape:** Measuring tape capable of measuring upto 1000 mm and having accuracy of 5 mm.
3. **Spirit Level:** Suitable for the levelling of the base plate.
4. **Sample Container:** Metal container having volume of 10 ltr.
5. **V Funnel Test Apparatus:** V Funnel Test Apparatus should confirm the requirement mentioned in IS 1199 (Part 6): 2018
6. **Sample Container:** Metal container having volume of 12 ltr.
7. **L Box Test Apparatus:** Apparatus should confirm as per IS 1199 (Part 6): 2018.
8. **Specific gravity apparatus for coarse aggregate:** The apparatus shall consist of the following:
  - **Balance:** A balance or scale of capacity not less than 3 kg, readable and accurate to 0.5 g and of such a type and shape as to permit the basket containing the sample to be suspended from the beam and weighed in water.
  - A wire basket of not more than 6.3 mm mesh or a perforated container of convenient size, preferably chromium plated and polished, with wire hangers not thicker than one millimetre for suspending it from the balance.
  - A stout watertight container in which the basket may be freely suspended.
9. **Picnometer Bottle:** Capacity of 1 Ltr with wash bottle as per IS 2386 (Part 3): 1963 (Reaffirmed: 2002)