

**DEPARTMENT OF CIVIL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY MADRAS,
CHENNAI — 600 036, INDIA**

**Dr. Benny Raphael,
Professor & HoD
Ref No: CE/2023/ANAR/001- Asphalt Ductilometer**

Date: 04.03.2024

Due Date: 11-03-2024

Dear Sir,

Quotations are invited in duplicate for the various items shown below overleaf/enclosed list.

1. The quotations are to be in two parts as:
Technical Offer and as Commercial offer

The two parts of the offer are to be clearly marked on the envelopes. The two parts of the offer in separate envelopes must be enclosed in one bigger envelope duly sealed and super scribed with reference number and due date and must be addressed to the undersigned so as to reach him on or before the due date stipulated above.

2. The quotations duly sealed and subscribed on the envelope with reference no. and due date, should be addressed to the undersigned so as to reach him or before the due date stipulated above.

3. Quotations should be valid for 60 days from the due date and period of delivery indicated.

4. Local firms to quote for free delivery to the Institute. If quoted for Ex-godown delivery charges are indicated separately.

5. Relevant literature pertaining to the items quoted with full specifications.

6. Sales Tax/General Taxes/ED if applicable and such other taxes legally legible and intended to be claimed should be distinctly shown along with the price quoted. If this is not indicated no such claim will be admitted at any stage.

7. Goods should be supplied in carriage paid and insured.

8. Goods shall not be supplied without an official supply order.

9. Every effort will be made to make payment within 30 days from the to of bill/acceptance of goods whichever is later.

10. The Guarantee period of the item may be indicated clearly.

11. In case of LC. Payment 90% of the payment will be made after completion of the supply. The balance 10% of the payment will be made after satisfactory installation of the equipment.

12. IIT Madras is exempt from payment of Excise Duty and is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand IIT Madras will make necessary arrangements for the clearance of imported goods at the Airport/Seaport. Hence the price should not include the above charges.

13. Acceptance and Rejection- I.I.T. Madras has the right to accept the whole or any part of the Tender or portion of the quantity offered or rejects it in full without assigning any reason.

14. Fax and Email quotations are not acceptable.

Yours faithfully,

Sd/-
Head of the Department – CE.

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Technical Specifications of Asphalt Ductilometer

An Asphalt Ductilometer capable of conducting tests as per IS 73:2018, IS 15462: 2019, ASTM D113:2017, ASTM D6084:2018, AASHTO T300:2022, AASHTO T301:2022, EN 13398:2017, and EN 13703:2003. The apparatus should also contain a data acquisition system, a load cell with a capacity of 300 N or higher, an extension motor with a variable speed range, a refrigerating unit capable of maintaining temperatures between 0 to 25°C, briquette molds, and capability to connect to a storage device or a PC for transfer of data.

<i>Specifications of Asphalt Ductilometer</i>		
S.No.	Parameter	Specification
1	Applicable standards	IS 73:2018, IS 15462: 2019, ASTM D113:2017, ASTM D6084:2018, AASHTO T300:2022, AASHTO T301:2022, EN 13398:2017, and EN 13703:2003
2	Load cell capacity	≥ 300 N
3	Extension motor	Variable speed
4	Temperature range of refrigerating unit	0 to 25°C
5	Data acquisition system	Should be available
6	Connectivity	Connection to storage device or PC for data transfer
7	Power requirements	100 to 240 V, 50 to 60 Hz AC

Terms & Condition:

- Payment : 90% advance & 10% after installation
- Delivery : 1 Week from the date of the confirmed order.
- Installation & Commissioning : The Installation & Commissioning should be provided free of cost at IIT Madras.
- Training : Training to be provided by the supplier for one week.
- Minimum 3 years warranty should be provided.
- Proof of supply of similar equipment to government or academic institutes to be provided.
- Distributors need to provide authorization certificate from the equipment supplier.
- Two-bid system will be followed. Technical compliance statement and price quotation to be submitted in separate envelops.

Yours faithfully,

Sd-
Head of the Department – CE.

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CHENNAI — 600 036, INDIA

INFORMATION OF TENDER TO UPLOAD IN CPP PORTAL

Date: 04.03.2024

1	Purchase from	INSTITUTE
2	Tender Reference No.	CE/2023/ANAR/001- Asphalt Ductilometer
3	Name of the item	<p>Asphalt Ductilometer</p> <p>Asphalt Ductilometer with the following specifications:</p> <ol style="list-style-type: none"> 1. It should be capable of conducting tests as per IS 73:2018, IS 15462: 2019, ASTM D113:2017, ASTM D6084:2018, AASHTO T300:2022, AASHTO T301:2022, EN 13398:2017, and EN 13703:2003. 2. The apparatus should also contain the following: <ol style="list-style-type: none"> a. A data acquisition system b. A load cell with a capacity of 300 N or higher c. An extension motor with a variable speed range d. A refrigerating unit capable of maintaining temperatures between 0 to 25°C e. Briquette molds f. Capability to connect to a storage device or a PC for transfer of data.
4	Tender Category (GOODS/WORKS/SERVICE)	Goods
5	Type of Tender (Limited)	Limited
6	No. of Bids : (1/ 2)	2
7	Tender Start Date	04.03.2024
8	Tender Due Date & Time	11.03.2024 & 3 PM
9	Bid Opening Date & Time	12.03.2024 & 4 PM
10	Bid Opening venue	Dept of Civil Engg, BSB-105.
11	Pre-bid meeting Date & Time	-
12	Pre-bid meeting venue	-
13	Quotation Validity Days	30 days
14	Tender Validity Days	60 days
15	Completion of work	-
16	Quotation May be Sent to (Inviting officer Name & Address)	Dr. Benny Raphael, DEPARTMENT OF CIVIL ENGINEERING INDIAN INSTITUTE OF TECHNOLOGY MADRAS, Chennai – 600036.
17	No of documents to be uploaded in CPP portal	3

Yours faithfully,

Sd/-

Head of the Department – CE.