

**Kannur University**

Thavakkara, Civil Station P.O.

Kannur, Kerala – 670002

Phone: 0497-2715331

Email: registrar@kannuruniv.ac.in

**NOTICE INVITING LIMITED TENDER****Printing and supply of answer booklets for On-Screen Marking**

The Registrar, Kannur University, invites sealed tenders for printing and supplying answer booklets for the University's On-Screen Marking System (OSMS), on the terms set out in this document. This document is sent free of cost, at the same time, only to the establishments to which it is addressed. It may not be transferred. A notice of this tender is published on the University website.

The following are sent with this document by post, and scanned copies by e-mail: the reference samples described in Part II, and the twenty-four Instructions to the Candidate to be printed on page 2. This document contains the terms of the tender and of the contract. On any matter not covered here, the Kerala Stores Purchase Manual, 2013, and the Government orders amending it, as in force on the date of opening, apply.

**LIMITED TENDER SUMMARY & SCHEDULE**

| Sl. | Particulars                               | Details                                                                                                                         |
|-----|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 1   | Description of Work                       | Printing and supply of answer booklets for On-Screen Marking                                                                    |
| 2   | Items and quantity                        | Item 1 — 10,000 booklets of 32 pages (magenta)<br>Item 2 — 8,000 booklets of 24 pages (blue)                                    |
| 3   | Earnest Money Deposit (EMD)               | ₹2,500 (Rupees Two Thousand Five Hundred only)                                                                                  |
| 4   | Cost of tender document                   | Nil                                                                                                                             |
| 5   | Mode of Tender                            | Single cover — one sealed cover containing the eligibility documents, the EMD (unless exempt) and the Price Schedule (clause 8) |
| 6   | Date of issue                             | 26.09.2026                                                                                                                      |
| 7   | Last date and time for receipt of tenders | 12.10.2026, 2.00 p.m.                                                                                                           |



|    |                          |                                                                                                                                                                                                                                                                                                                                                                                      |
|----|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8  | Receipt of tenders       | Office of the Registrar, Kannur University, Thavakkara, Civil Station P.O., Kannur – 670002, by hand, by post or by courier. Tenders sent by e-mail or fax will not be accepted.<br><br>A tender delivered by hand will be received by the PA to the Registrar or, in his or her absence, by the Section Officer, EXC VI Section, who will give a receipt showing the date and time. |
| 9  | Date and time of opening | 12.10.2026, 3.00 p.m. (same day as the last date; may be advanced under clause 15A)<br><br>Opening: Office of the Registrar, Kannur University.                                                                                                                                                                                                                                      |
| 10 | Validity of tender       | 60 days from the date of opening                                                                                                                                                                                                                                                                                                                                                     |
| 11 | Delivery period          | In three stages:<br><br>(a) artwork — within 3 working days of the date of the Print Order;<br><br>(b) 25 sample booklets of each item — within 10 days of the University's approval of the artwork;<br><br>(c) full supply — within 14 days of the University's written approval of the samples.                                                                                    |
| 12 | Place of delivery        | EXC VI Section, Examination Branch, Kannur University, Thavakkara, Civil Station P.O., Kannur – 670002                                                                                                                                                                                                                                                                               |
| 13 | Enquiries                | Section Officer, EXC VI Section, Examination Branch, Kannur University. Phone: 0497-2715277.<br><br>e-mail: soexc6@kannuruniv.ac.in                                                                                                                                                                                                                                                  |

### **PART I — INSTRUCTIONS TO TENDERERS**

#### **A. Who may tender**

- Only an establishment to which this document is issued may tender.
- The tenderer must print and bind the booklets in its own press. It must enclose with its tender:
  - proof that it owns and runs a printing and binding press, with the address of the press;
  - work orders or completion certificates showing at least three years' experience in printing examination stationery, security stationery or other confidential printed matter;
  - its GST registration number and Permanent Account Number; and
  - the Declaration in Annexure II.
- A Government institution or a State Public Sector Undertaking need not furnish the proof under clause 2(a).



## **B. Earnest Money Deposit**

4. Every tender must be accompanied by an Earnest Money Deposit of ₹2,500, unless the tenderer is exempt under clause 7. The earnest money deposit shall be paid only by a crossed Demand Draft drawn in favour of the Finance Officer, Kannur University, payable at Kannur. No other mode of payment will be accepted. A tender without the deposit or proof of exemption will be rejected.

5. The deposit carries no interest. The deposit of an unsuccessful tenderer will be returned after the validity of the tender expires, and not later than 30 days after the contract is concluded. The deposit of the successful tenderer will be returned after it furnishes the Performance Security.

6. The deposit will be forfeited if the tenderer withdraws or changes its tender, or goes back on it in any way, within the validity period; or if the successful tenderer fails to accept the Print Order or to furnish the Performance Security within the time allowed.

## **C. Exemptions and preferences**

7. Exemption from the Earnest Money Deposit or the Performance Security, and any price or purchase preference, will be allowed only as provided in the Kerala Stores Purchase Manual, 2013, and the Government orders amending it, as in force on the date of opening. A Government institution or a State Public Sector Undertaking needs only to state its status in the Tender Form, and will be allowed the exemptions and preference due to it under those rules. Any other tenderer that claims an exemption or preference must say so in the Tender Form and enclose proof of eligibility with its tender. A claim made without proof, or made after the tenders are opened, will not be considered. Preferences will be applied when the lowest tender for each item is determined.

## **D. Preparing and submitting the tender**

8. The tender must be submitted in one sealed cover containing: the Tender Form (Annexure I); the documents listed under "Who may tender"; the Earnest Money Deposit (unless exempt under clause 7); proof of any exemption or preference claimed under clause 7; and the Price Schedule (Annexure III).

9. The cover must be marked "TENDER FOR PRINTING AND SUPPLY OF ANSWER BOOKLETS FOR ON-SCREEN MARKING — NOT TO BE OPENED BEFORE 12.10.2026, 3.00 P.M., OR THE EARLIER TIME NOTIFIED UNDER CLAUSE 15A", and must show the tender number and the name and address of the tenderer. Rates must be written only in the Price Schedule (Annexure III).

10. Every page of the tender must be signed and sealed by the tenderer or by a person authorised to sign for it; in that case, the letter of authority must be enclosed. Every correction must be attested. Erasures and overwriting may lead to rejection.

11. The tender must reach the Office of the Registrar, at the address in the Schedule, not later than the last date and time. A tender received late, for any reason, will not be considered. The University is not responsible for delay in transit.

12. The tenderer bears all costs of preparing and submitting its tender.

## **E. Rates**

13. Rates must be quoted in the Price Schedule, per booklet, in figures and in words, for each item quoted. The rate must include paper, printing, ruling, binding, numbering, generating and printing the QR codes,



artwork, sample booklets, packing, freight, insurance, loading, unloading, delivery at the place of delivery, and all taxes and duties. The basic rate and the rate of GST must also be shown. The all-inclusive rate will be used for comparison and for payment. Where the figures and the words differ, the words prevail.

14. Rates are firm for the whole contract. No request to increase them will be considered. A change in the rate of GST made by law during the delivery period will be adjusted.

#### **F. Opening and evaluation**

15. Tenders will be opened at the time and place in the Schedule. Tenderers, or their representatives carrying a letter of authority, may attend. The name of each tenderer, the rates quoted and whether the Earnest Money Deposit or proof of exemption is enclosed will be read out. The University will then check the eligibility documents and the rates together. A tender that does not meet the requirements under "Who may tender" will be rejected without considering its rates.

15A. Early opening. If, before the last date, each of the four establishments to which this document was issued has either submitted a tender or told the University in writing that it will not tender, and every tenderer has agreed to early opening in its Tender Form, the University may open the tenders earlier than the date in the Schedule. The University will inform every tenderer of the new date and time by e-mail at least one working day in advance. A tenderer may withdraw or change its tender up to the new time of opening. Agreeing or not agreeing to early opening will not affect the evaluation of any tender. If even one tenderer does not agree, the tenders will be opened only on the date in the Schedule.

16. Item 1 and Item 2 are separate. A tenderer may quote for one item or for both, but must quote for the full quantity of each item it quotes for. Each item will be evaluated separately. The order for each item will be placed on the lowest acceptable tender for that item, after applying any preference allowed under clause 7. The two items may therefore go to the same tenderer or to different tenderers. The quantity of an item will not be divided, except where a preference allowed under clause 7 requires it. Each order placed is called a Print Order in this document. Where the two items go to different tenderers, a separate Print Order will be placed on each. Each Print Order is a separate contract, and all terms of this tender apply to each Print Order and its supplier separately.

17. The quantity of either item may be increased or reduced by up to 10 per cent when the Print Order is placed, at the same rate and on the same terms.

18. A tender that does not conform to this document, or that offers a validity shorter than that in the Schedule, is liable to be rejected. Conditions added by a tenderer will not form part of the contract unless the University accepts them in writing. Any attempt by a tenderer or its agent to influence the officers concerned by canvassing will disqualify the tender.

19. If the lowest rate is not reasonable, the University may, as an exception, negotiate with the lowest tenderer only, or may invite tenders afresh.

20. If only one valid tender is received for an item, the University may accept it if the rate is reasonable, or may invite tenders afresh.

21. The University may reject any or all tenders. It is not bound to accept the lowest tender.

### **PART II — REQUIREMENTS AND SPECIFICATIONS**

#### **A. Items**



| Item | Description                                    | Quantity | Colour  |
|------|------------------------------------------------|----------|---------|
| 1    | Answer booklet for On-Screen Marking, 32 pages | 10,000   | Magenta |
| 2    | Answer booklet for On-Screen Marking, 24 pages | 8,000    | Blue    |

## B. Specifications

22. The booklets must meet the following specifications:

| Particular         | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size               | 280 mm long × 210 mm wide (28 × 21 cm).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Paper              | 60 GSM Cream Wove, ruled, of even quality throughout. The cover is of the same paper.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pages              | <ul style="list-style-type: none"> <li>Item 1: 32 pages including the cover, of which 28 are writing pages.</li> <li>Item 2: 24 pages including the cover, of which 20 are writing pages.</li> <li>Page 1 is the cover, page 2 carries the Instructions to the Candidate, writing begins on page 3, and the last two pages are for rough work.</li> </ul>                                                                                                                                                                                                                                       |
| Printing           | Single colour, including its tints: Item 1 magenta, Item 2 blue, in the shade of sample 2.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Layout             | As in sample 2, except as stated in this clause. The University's name, emblem and address are to be printed in the space provided on the cover.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Ruling and margins | Ruled writing pages, with a "Question No." column on the left. A "DO NOT WRITE ANYTHING HERE" margin runs along the binding edge and the foot of every writing page, as in sample 2.                                                                                                                                                                                                                                                                                                                                                                                                            |
| Binding            | Machine thread side-stitching along the left edge. The stitching must be tight and straight, every leaf must be caught in it, and the binding margin must not be reduced. The stitch line is 6 mm from the left edge, and the stitch pitch is as in the answer booklets now in use (Sample 1). A clear binding margin, free of print and of QR codes, must be left on the left. The left edge must not be trimmed and the spine must not be cut; trim only the top, bottom and outer edge. Wire stapling, pinning, gum binding, perfect binding and centre (saddle) stitching are not accepted. |
| Booklet number     | A unique seven-digit number printed below the QR code on the cover of every booklet, in the series given by the University under clause 24. No number may be repeated, within an item or across the two items.                                                                                                                                                                                                                                                                                                                                                                                  |
| QR code — cover    | At the top right of the cover. It encodes the seven-digit booklet number followed by the two-digit page number 01, for example 100000001.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |



|                                     |                                                                                                                                                                                                                                                                      |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| QR code —<br>page 2<br>onwards      | At the top centre of every page from page 2 onwards. It encodes the booklet number followed by the running two-digit page number, for example 100000002, 100000003. Every code must be different and clearly machine-readable. The size and pattern follow sample 2. |
| Page<br>number                      | At the top right of every page from page 2 onwards, as a numeral only (2, 3, 4 ...). The word "Page" is not printed.                                                                                                                                                 |
| Space for<br>sticker                | A clear box of 103 mm × 95 mm on the cover, in the position shown in sample 2, for a 99 mm × 93 mm QR sticker to be fixed later. Nothing may be printed inside it.                                                                                                   |
| Award grid                          | 30 question rows. Rows 1 to 11 are on the cover, and rows 12 to 30, with the Total and Grade/Grade Point boxes, are on page 2, as in sample 2.                                                                                                                       |
| Instructions<br>to the<br>Candidate | The twenty-four instructions supplied by the University, printed on page 2. Instruction 2 reads 28 writing pages in Item 1 and 20 writing pages in Item 2.                                                                                                           |
| Additional<br>sheets                | None. The words "NO ADDITIONAL SHEETS WILL BE PROVIDED" are printed on the cover. All columns and instructions about additional sheets are left out.                                                                                                                 |

**Note:- Reference samples**

(i) Two reference samples, cancelled and marked "SPECIMEN – FOR REFERENCE ONLY", are sent with this tender by post, and scanned copies by e-mail.

**(ii) Sample 1:** the 16-page answer booklet now in use by the University, for paper, stitching, stitch pitch and finish.

**(iii) Sample 2:** the sample booklets of Item 1 and Item 2 furnished by the University's On-Screen Marking service provider, printed in colour on A4 paper, for layout, colour shade and the size, position and pattern of the QR codes. The layout is to be adapted to 280 mm × 210 mm.

(iv) Where a scanned copy differs from the printed sample, the printed sample prevails. Where a sample differs from clause 22, clause 22 prevails. The samples shall not be copied or used for any other purpose.

**C. Artwork and sample booklets**

23. Print-ready artwork is not supplied with this document. Within 3 working days of the date of the Print Order, the supplier must prepare the print-ready artwork of each item from sample 2 and this Part, and submit it for the University's approval. The University will approve the artwork, or return it with corrections, within 3 working days of receiving it. Corrected artwork must be resubmitted within the time fixed by the University. The booklets must be printed exactly as approved.

24. The booklet number series will be given in writing as soon as the Confidentiality Undertaking in Annexure IV is received. The supplier must generate and print standard QR codes from that series, as specified above.

25. Within 10 days of the approval of the artwork, and before bulk printing, the supplier must supply 25 sample booklets of each item, printed from the approved artwork. The University will have the samples



scanned by its On-Screen Marking service provider to confirm that they are suitable. Bulk printing may begin only after the University approves the samples in writing. The University will give its decision on the samples, in writing, within 3 working days of receiving them. If the samples are not approved, corrected samples must be supplied within the time fixed by the University.

26. Printing must be sharp and free of smudging, set-off and skew. There must be no scratch or fold on any area where a QR code is printed.

#### **D. Packing**

27. Booklets must be bundled in plastic covers, 300 to a bundle (the last bundle of each item holding the balance), and packed in compact carton boxes covered with waterproof material. Each box must show, boldly and in large type on two opposite sides, the box number, the item, the colour, the number of booklets and the range of booklet numbers inside. The strap must be strong enough to lift the box. Boxes must not be oversized, so that the booklets stay tight and intact. Each box must contain only the booklets whose numbers are shown on its label.

### **PART III — CONDITIONS OF CONTRACT**

#### **A. Confidentiality**

28. Answer booklets are confidential examination material. Immediately on receipt of the Print Order, and before the number series is released, the successful tenderer must sign the Confidentiality Undertaking in Annexure IV. In particular:

- (a) all the work must be done in its own premises and by its own employees, and must not be sublet or given to any other establishment, in whole or in part;
- (b) the artwork, the number series and all data supplied by the University must be kept secure, used only for this order, and not copied, disclosed or kept after the supply; no specimen or copy of the booklet may be kept, shown or given to anyone; and
- (c) all spoiled and surplus sheets and booklets, sheets and booklets rejected before dispatch, the reference samples, and any samples printed but not supplied, must be destroyed. A certificate of destruction, signed by the head of the establishment and stating the number destroyed for each item, must be furnished with the supply.

29. A breach of confidentiality is a breach of contract. It will lead to cancellation of the Print Order, forfeiture of the Performance Security, if any, reporting to Government for blacklisting, and such further civil or criminal action as the University may take.

#### **B. Print Order, Performance Security and agreement**

30. The successful tenderer must send its unconditional acceptance of the Print Order in writing within 15 days of its issue. The work under clauses 23 to 25 must begin from the date of the Print Order and does not wait for the acceptance, the security or the agreement.

31. If the value of the Print Order exceeds ₹1,00,000, the successful tenderer must, within 21 days of the date of the Print Order and in any case before dispatching the bulk supply, furnish Performance Security equal to 5 per cent of the value of the order, rounded to the nearest rupee, unless exemption is allowed under clause 7. It may be furnished as a Demand Draft of a nationalised bank, a Bank Guarantee of a scheduled



bank in India, or a Treasury Savings Bank deposit, in favour of or pledged to the Finance Officer, Kannur University. The security must remain valid for 60 days beyond the completion of all obligations under the contract, and will be returned after that.

32. Within 21 days of the date of the Print Order, and in any case before dispatching the bulk supply, the successful tenderer must sign an agreement with the University in the Form of Agreement at Annexure 23 of the Kerala Stores Purchase Manual, 2013. The guarantee period to be entered in that form is three months from the date of delivery. The agreement must be stamped as required by the Kerala Stamp Act, 1959. All costs of the agreement are borne by the supplier.

### **C. Delivery, inspection and payment**

33. The booklets must be delivered in full, in a single lot, at the place of delivery, within 14 days of the date of the University's written approval of the samples (Schedule item 11(c)), at the supplier's cost and risk. Part delivery is accepted only with the University's written permission. Door delivery and unloading are the supplier's responsibility. The University will take no part in any dealing with local labour.

34. The supply will be inspected on receipt. A booklet will be rejected if it does not match the approved artwork or the specifications; if a QR code cannot be read; if a number is repeated or out of series; or if any page is missing, unprinted, upside down, misbound or out of order. Rejected booklets must be replaced free of cost, with the correct booklet numbers, within the time fixed by the University. They will be destroyed by the University and not returned; the University will issue a certificate of destruction.

35. Payment will be made after the whole supply is received, inspected and accepted, on a bill in duplicate addressed to the Controller of Examinations, Kannur University, showing the University's GSTIN 32AAAGK0152J1ZT. The bill must be supported by the certificate of acceptance of the Controller of Examinations and the supplier's certificate of destruction. No advance will be paid. Statutory deductions will be made. The number and date of the Print Order must be quoted in every bill and letter.

### **D. Delay, force majeure and default**

36. If the supplier fails to deliver on time, and does not give satisfactory reasons or apply for extension of time, the University will deduct, as liquidated damages, 1 per cent of the delivered price of the delayed booklets for each week or part of a week of delay, up to 10 per cent of the contract price of the delayed booklets. Any delay by the supplier beyond the time allowed for the artwork or the samples will be added to the delay in supply when liquidated damages are worked out. When the limit is reached, the University may cancel the order and buy elsewhere at the supplier's risk and cost.

37. The supplier is not liable for delay caused by force majeure, that is, an event beyond its control and not due to its fault, such as war, fire, flood, epidemic or strike. It must inform the University in writing within 21 days of the event. If the event prevents supply for more than 60 days, either party may end the contract without financial liability.

38. If the supplier fails to carry out the order, or is found to have given a false declaration or a fabricated document, the University may cancel the order, forfeit the Performance Security, if any, and recover its losses. The supplier will also be liable to be reported to Government for blacklisting or banning of business.

### **E. General**

39. The parties will first try to settle any dispute by discussion. If it is not settled within 21 days, it will be



referred to a sole arbitrator appointed by agreement of the parties or, failing agreement, under the Arbitration and Conciliation Act, 1996. The seat and venue of arbitration is Kannur, and the courts at Kannur alone have jurisdiction. The award is binding on both parties.

40. The contract is governed by the laws of India.

### ANNEXURE I — TENDER FORM

*(To be enclosed in the tender cover)*

| Particulars                                                                                                         | To be filled in by the tenderer |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------|
| 1. Name of the establishment                                                                                        |                                 |
| 2. Full postal address                                                                                              |                                 |
| 3. Address of the printing press                                                                                    |                                 |
| 4. Telephone and e-mail                                                                                             |                                 |
| 5. Status: Government institution / State Public Sector Undertaking / MSME / other                                  |                                 |
| 6. GST registration number                                                                                          |                                 |
| 7. Permanent Account Number                                                                                         |                                 |
| 8. Years of experience in printing examination stationery, security stationery or other confidential printed matter |                                 |
| 9. Items quoted for (Item 1 / Item 2 / both)                                                                        |                                 |
| 10. Earnest Money Deposit: Demand Draft number, date and bank                                                       |                                 |
| 11. Exemption or preference claimed under clause 7? (Yes/No). If yes, state which, and attach proof                 |                                 |
| 12. Name and designation of the authorised signatory                                                                |                                 |
| 13. Do you agree to early opening under clause 15A? (Yes / No)                                                      |                                 |

I have read the whole of this tender document. I submit this tender accepting all its terms. The particulars above are true to the best of my knowledge.

Place:



Date:

Signature and seal of the tenderer

ANNEXURE II — DECLARATION

(On the letterhead of the establishment; to be enclosed in the tender cover)

I, \_\_\_\_\_, \_\_\_\_\_, of M/s \_\_\_\_\_, declare that:

- 1. the establishment owns and runs its own printing and binding press at the address given in the Tender Form (not applicable to a Government institution or State Public Sector Undertaking);
- 2. the establishment has not been blacklisted or banned by any Government department, university or public sector undertaking, and no such action is pending against it; and
- 3. the documents enclosed are genuine, and I know that a false declaration or a fabricated document will lead to rejection of the tender, forfeiture of the deposits and action for blacklisting.

Place:

Date:

Signature and seal of the tenderer

ANNEXURE III — PRICE SCHEDULE

(To be enclosed in the tender cover)

| Item                  | Quantity | Basic rate per booklet, excluding GST (₹) | GST rate (%) | All-inclusive rate per booklet, in figures (₹) | All-inclusive rate per booklet, in words |
|-----------------------|----------|-------------------------------------------|--------------|------------------------------------------------|------------------------------------------|
| 1 — 32 pages, magenta | 10,000   |                                           |              |                                                |                                          |
| 2 — 24 pages, blue    | 8,000    |                                           |              |                                                |                                          |

Write “Not quoted” against an item not quoted for. Each item will be evaluated separately.

The rates above are per booklet and cover everything needed to deliver the booklets at the place of delivery, including all taxes and duties, as set out in this document. They are firm for the whole contract.

Place:



Date:

Signature and seal of the tenderer

**ANNEXURE IV — CONFIDENTIALITY UNDERTAKING**

**(To be signed by the successful tenderer immediately on receipt of the Print Order, before the number series is released)**

M/s ....., having received Print Order No. .... dated .....  
from Kannur University for printing and supplying answer booklets for On-Screen Marking, undertakes that:

1. it will treat the booklets, the approved artwork and the number series as confidential examination material;
2. all the work will be done in its own premises and by its own employees, and will not be sublet or given to any other establishment, in whole or in part;
3. the artwork, the number series and all data supplied by the University will be kept secure, used only for this order, and not copied, disclosed or kept after the supply; and no specimen or copy of the booklet will be kept, shown or given to anyone;
4. all spoiled and surplus sheets and booklets, sheets and booklets rejected before dispatch, the reference samples, and any samples printed but not supplied, will be destroyed, and a certificate of destruction, signed by the head of the establishment and stating the number destroyed for each item, will be furnished with the supply; and
5. a breach of this undertaking will lead to cancellation of the Print Order, forfeiture of the Performance Security, if any, action for blacklisting, and such further civil or criminal action as the University may take.

Place:

Date:

Signature and seal of the establishment

Sunil Kumar S  
REGISTRAR (i/c)



