



Stent thrombosis is the formation of a blood clot inside a coronary stent, thereby blocking blood flow and may cause a heart attack or sudden cardiac death, making it a serious complication after stenting

BINITA JAISWAL @ Chennai

**A** research study led by the Department of Genetics at the University of Madras (UoM) has found that a widely prescribed heart medication - clopidogrel - may not work effectively in one out of three heart patients in South India due to genetic and clinical factors. The findings underline the growing need for personalised treatment in cardiac care, particularly in regions with a high burden of heart disease and diabetes.

The study was conducted in collaboration with medical institutes like Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bengaluru, and National Institute of Mental Health and Neuro Sciences, Bengaluru, and PES university Institute of Medical Sciences and Research, Bengaluru, which helped with blood samples. The research has been published in the journal 'Scientific Reports'.

Clopidogrel is a commonly prescribed anti-platelet drug used to prevent blood clots in patients with coronary artery disease, especially after angioplasty or stent placement. While it is a mainstay of cardiac treatment across government and private hospitals, doctors have long observed that some patients continue to suffer repeat cardiac events despite taking the drug regularly. To understand why, researchers studied 197 coronary artery disease patients (aged 45-55 years) from South India who were on the standard daily dose of clopidogrel. Platelet function tests were used to assess how effectively the drug was preventing clot formation.

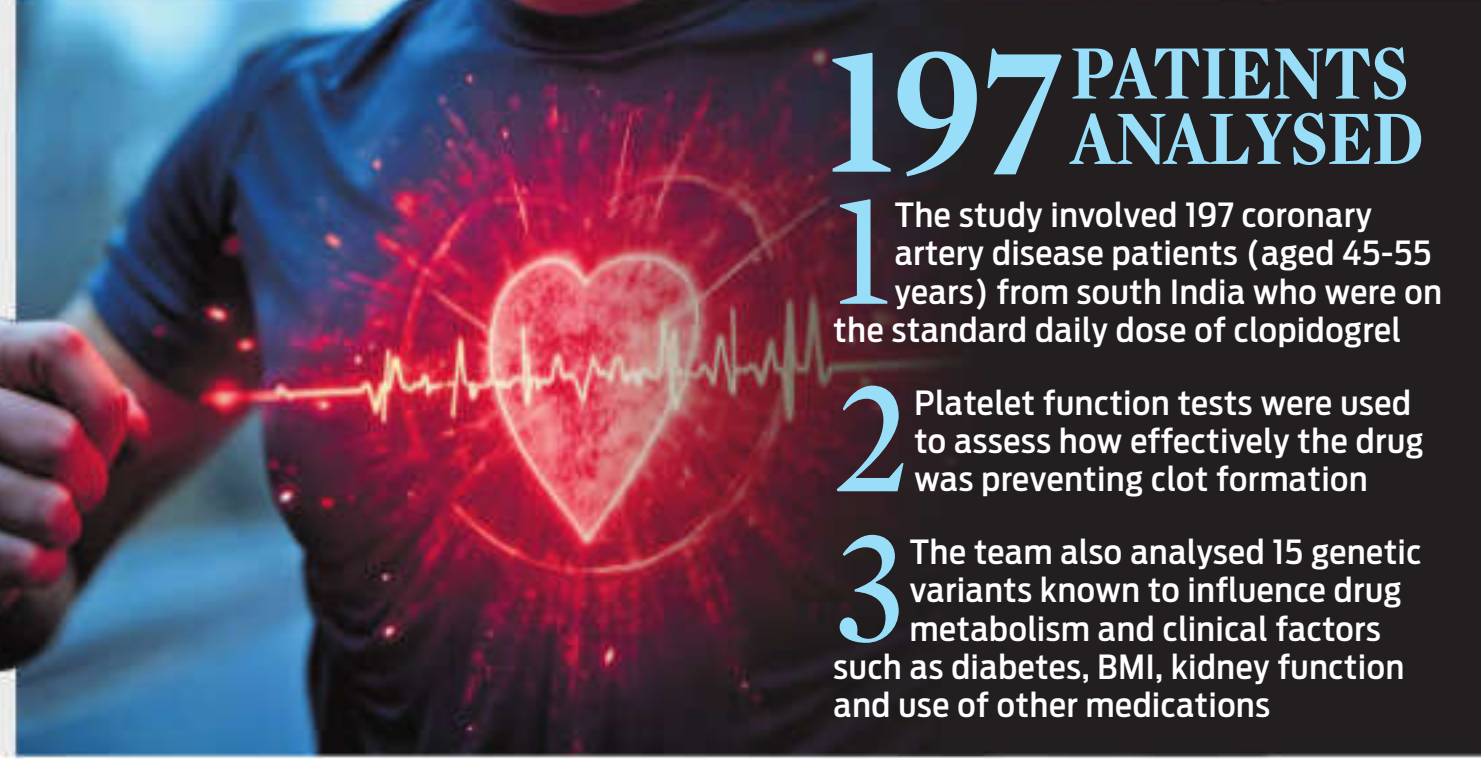
In parallel, the team analysed 15 genetic variants known to influence drug metabolism, along with clinical factors such as diabetes, BMI, kidney function and use of other medications. The results showed that about 31% of patients had poor response to



**GENETICS**

**What is clopidogrel?**  
 Clopidogrel is a commonly prescribed anti-platelet drug used to prevent blood clots in patients with coronary artery disease, especially after angioplasty or stent placement. It is a mainstay of cardiac treatment across government and private hospitals

**Why the study**  
 Doctors have long observed that some patients continue to suffer repeat cardiac events despite taking the drug regularly



The study involved 197 coronary artery disease patients (aged 45-55 years) from south India who were on the standard daily dose of clopidogrel

Platelet function tests were used to assess how effectively the drug was preventing clot formation

The team also analysed 15 genetic variants known to influence drug metabolism and clinical factors such as diabetes, BMI, kidney function and use of other medications

clopidogrel, with platelets remaining overly active despite treatment. A key contributor was a genetic variant known as CYP2C19\*2, which affects the body's ability to convert clopidogrel into its active form. This variant was found in roughly

one-third of the patients studied. Diabetes and higher BMI further increased the likelihood of poor drug response. The researchers also found that certain diabetes medications could reduce clopidogrel's effectiveness, a finding of particular concern in South

India where diabetes prevalence is high. "This study clearly shows that a one-size-fits-all approach to cardiac medication does not work," said AK Murirajan, head of UoM Department of Genetics, and one of the researchers. "Two patients may take the

same drug at the same dose, yet their outcomes can be very different because of genetic make-up and underlying health conditions. Identifying non-responders early can help doctors choose safer and more effective alternatives," he added.

**'PATIENTS USUALLY PRESCRIBED TWO DRUGS'**

DOCTORS usually prescribe two anti-platelet drugs to ensure patients with stents do not suffer stent thrombosis, says Dr Harikrishnan S, professor and HOD of cardiology department at Sree Chitra Tirunal Institute for Medical Sciences and Technology, Kerala, in an interview with Unnikrishnan S. Edited excerpts:

**■ Has there been any change in how this drug is prescribed or are any other alternate drugs being prescribed?**  
 Usually, during point-of-care testing of patients, a little bit more people are found to have more resistance to clopidogrel than what we see clinically. Its clinical importance can be debatable as the number of patients coming with stent thrombosis is very low. We always prescribe two anti-platelets - clopidogrel and aspirin - so that even if one does not work properly, the other will cover it.

**■ Is genetic tests standard for patients who undergo heart surgeries or are prescribed such medications?**  
 Currently there is no guideline that specifies genetic tests, but it is available during point-of-care testing. It is not a routine test. CYP2C19\*2 gene is still a risk factor as it affects metabolism. However, in high-risk patients who have already suffered stent thrombosis, this test is mandatorily done, and either the drug is changed or dosage is increased.

**■ Is stent thrombosis common?**  
 Clinically speaking, it is very rare. I may have come across around two to five case out of 1,000. We have facility at our institute to test for resistance to clopidogrel and I don't recall coming across such case. We usually prescribe clopidogrel or ticagrelor based on the patient history and other factors.



DR HARIKRISHNAN S

**Study Findings**

- Clopidogrel - may not work effectively in one out of three heart patients in South India due to genetic and clinical factors
- 31% of patients in study had poor response to clopidogrel, with platelets remaining overly active despite treatment
- A key contributor was a genetic variant known as CYP2C19\*2, which affects the body's ability to convert clopidogrel into its active form, which was found in one-third of the patients
- Diabetes and higher BMI further increased the likelihood of poor drug response
- Researchers also found that certain diabetes medications could reduce clopidogrel's effectiveness

**NEWS CAPSULES**

**UK bans junk food ads on TV, online to combat obesity in kids**

A new ban on junk food advertising on television before 9 pm and online at all times came into force on Monday as part of the UK government's crackdown on childhood obesity rates. The Department of Health and Social Care (DHSC) said the ban on adverts for less healthy food and sugary drinks is expected to remove up to 7.2 billion calories from children's diets each year. It is also expected to reduce the number of children living with obesity by 20,000 and deliver around 2 billion pounds in benefits for the state-funded National Health Service over time. DHSC claims evidence shows advertising influences what and when children eat, shaping preferences from a young age and increasing the risk of obesity and related illnesses.

**SUNDARAM HOME** | Regd Office: No. 21, Patulos Road, Chennai - 600 002. Corporate Office: Sundaram Towers, No. 46, Whites Road, Chennai - 600 014.

**DEMAND NOTICE**  
 (Under Section 13(2) of the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest (SARFAESI) Act 2002)

The under mentioned parties are hereby informed that the Company has initiated proceedings against each of you under the SARFAESI Act, 2002, and that the notices under Section 13(2) of the Sarfaesi Act sent to each of you separately by Regd. Post Ack. due have been returned unsealed. Hence both/all of you are hereby called upon to take notice to pay jointly and severally the below mentioned outstanding amount within 60 days from the date of this publication, failing which the Company shall proceed and exercise all or any of the powers conferred upon the Secured Creditor under Section 13(4) of the Sarfaesi Act to realize its dues with interests and costs as contemplated under the Act. Needless to mention that this notice is addressed to you without prejudice to any other remedy available to the Company.

Sl. No.	Name & Address of Borrower & Co-Borrower	File No. Amount (Outstanding Rs.)	Description of the Secured Property
1	Mr. Anas A (Borrower), Pathinanchil Punnpara, Rabbani Nagar, Punnpara South, Near Rabbani Masjid, Punnpara Alapuzha - 688004, Kerala. Mrs. Ansliamol A (Co-Borrower) Mr. Aboobacker Kunju A (Co-Borrower)	File No: MTP20240133 Outstanding amount Rs. 10,41,959/- (As on 14/12/2025) along with further interest and other charges etc., if any till actual date of payment	All that piece and parcel of the property having an extent of 2.02 Ares comprised in Resurvey No. 738/10/1, Old Survey No. 243/1A, 1B, 2A, 2C, 3, 4A, 5, situated in Thakazhi Village, Kuttanad Taluk, Alapuzha District, and all the fittings and appurtenances thereto, Bounded on the East by: Way and Balance property of Nisar C A, North by: Property of Muhammed Kabeer and Soumlia, West by: Property of Rejinamol, South by: Way, Within the Registration District of Alapuzha and Sub Registration District of Ambalappuzha, which is more fully and particularly described in the Sale Deed No. 1347/2015.

Notice Date: 14/12/2025 for SUNDARAM HOME FINANCE LTD., Authorised officer.

**OFFICE OF THE ADDITIONAL CHIEF ENGINEER, RUSHIKULYA BAHUDA BASIN, BERHAMPUR - 760004**  
 E-mail ID- se\_sicbam@yahoo.com

**OFFICE ORDER**  
 Lr No.16 dt.05.01.2026

**A-1238:** The Notice Invited Vide e-Procurement Notice No.ACE, RBB-05/2025-26 is hereby cancelled.

**Sd/- Additional Chief Engineer**  
 Rushikulya Bahuda Basin, Berhampur  
 OIPR-32411/11/0034/2526

**OFFICE OF THE SUPERINTENDING ENGINEER P.H. DIVISION, KORAPUT**  
 Tel/Fax - 06852 - 250740, e-mail - ephkpr@gmail.com

**GOVERNMENT OF ODISHA**  
 "e" procurement Notice  
 C-1956  
**e-procurement Notice for 2025-26**  
 Bid Identification No.SE, P.H.KPT-14 of 2025-26 Dt.24.12.2025

- No. of the work : 4 nos
- Estimated Cost : From Rs.12.00 lakh to Rs.464.00 lakh (Approx.)
- Period of completion : From 2 to 8 months
- Date & time of availability of bid document in the portal : From 11.00 A.M. of 06.01.2026 to 05.00 P.M. of 17.01.2026
- Last date / time of receipt of bids in the portal : 05.00 P.M. of 17.01.2026
- Date & time of opening of bids : 11.00 A.M. of 19.01.2026
- Name and address of the Officer Inviting Bid : Superintending Engineer, P.H. Division, Koraput

Further details can be seen from the e-Procurement portal <https://www.tendersodisha.gov.in>

**Sd/ (Er. Chiranjib Mahali)**  
 Superintending Engineer, P.H. Division, Koraput  
 OIPR-13008/11/0034/2526

**ଓଡ଼ିଶା ବିଦ୍ୟୁତ୍ ଶକ୍ତି ସଂଚାରଣ ନିଗମ ଲିଡ଼**  
 (ଓଡ଼ିଶା ସରକାରଙ୍କ ଏକ ଉପକ୍ରମ)

**ODISHA POWER TRANSMISSION CORPORATION LIMITED**  
 (A Government of Odisha Undertaking)

Regd. Office: OPTCL Tech Tower, Janpath, Saheed Nagar, Bhubaneswar-751007

**CAD-2932 NOTICE INVITING E-TENDER**  
 Bids are invited under single stage two part bidding system for

E-Tender No.	Tender Description:	Estimated Cost
CPC-50/2025-26	Engineering, Supply, Installation and Testing & Commissioning works for "Construction of 132kV SC line through Underground Cable with two number of spare cable from 132/33kV GSS Mancheswar to proposed RTSS Mancheswar along with 01 number of 132kV AIS bay extension at GSS Mancheswar" on Turnkey Contract Basis. Last Date & Time of Submission of Bid: 02.02.2026 upto 12:00 PM.	Rs. 31,38,58,473/-
CPC-55/2025-26	Design, Engineering, Supply, Erection, Installation, Testing & Commissioning of 4 X 100 MVA, 220/33kV GSS at Padepadar along with 220kV DC Line from 220/33 kV GSS at Padepadar to exist. 400/220 kV GSS at Mukhiguda (Approx line length: 13Kms) & 2 Nos. of 220kV Bays extensions at exist. 400/220 kV GSS at Mukhiguda on Turnkey Contract Basis in e-tendering mode only. Last Date & Time of Submission of Bid: 09.02.2026 upto 12:30 PM.	Rs. 126,96,74,605/-

Complete set of bidding documents are available at [www.tenderwizard.com/OPTCL](http://www.tenderwizard.com/OPTCL) and [www.optcl.co.in](http://www.optcl.co.in).

OIPR-04011/11/0255/2526  
 @optcl.odisha @optcl\_odisha HIPR-64/2025-26

**INDIAN EXPRESS**

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**MADURAI CORPORATION TENDER NOTIFICATION**

Madurai Corporation invites bids from eligible contractors for the below mentioned works

Name Of Work	Bid Submission Date	Bid Opening Date
E1/Est.No.001875/2025 (3rd Call) Request for proposal for appointment of project management consultant (PMC) to implement the UGSS in Added Areas. (Tender Put Value - Rs. 471.89/- Lakhs) (including GST)	From 07-01-2026 to 22-01-2026 3.00 p.m.	22-01-2026 4.00 p.m.

**Pre-Bid Meeting Date And Time: 13.01.2026, 11.00 AM**

Other Details can be found at <http://www.tntenders.gov.in> Website  
 Contact No: 0452-2540333  
 DIPR / 29 / Tender / 2026

**GOVERNMENT OF ODISHA OFFICE OF THE CHIEF CONSTRUCTION ENGINEER RURAL WORKS CIRCLE, RAYAGADA**  
 Email ID- ccewraragada@gmail.com

**NATIONAL COMPETITIVE BIDDING** Date: 29.12.2025

**0-1910 THROUGH GEPNIC e-Procurement Notice**  
 Periodical Renewal works of 5-year (Post DLP) PMGSY Roads for financial year 2025-2026 under State Budget of Road works for the year 2025-2026\* (6 Nos of Packages)  
 \* "B" & "A" Class of (Odisha PWD) or relevant class of other licensing authority.  
 Varies from Rs.159.66 Lakhs to Rs.320.80 Lakhs (Approximately)  
 As per Annexure attached.

Procurement Officer	Bid Identification No.	Availability of Tender on-line for bidding	Last Date & Time of Seeking Tender	Date & Time of opening of tender
1	2	3	4	5
Chief Construction Engineer, Rural Works Circle, Rayagada	NCB-30/RWC/RGDA/2025-26	From 08.01.2026 at 11.00 A.M. up to 5.00 P.M.	Up to 5.00 P.M. on 20.01.2026	Up to 22.01.2026 at 11.00 A.M.

5. The details of works can be seen from the web site <https://www.tendersorissa.gov.in>  
 6. Any Corrigendum/ Addendum will be displayed in the above e-tender web site.

**Sd/- Chief Construction Engineer**  
 Rural Works Circle, Rayagada  
 OIPR-25196/11/0050/2526

**കേരള ഗ്രാമീണ ബാങ്ക് Kerala Gramena Bank**  
 Head Office: MALLAPPURAM, Regional Office: ERNAKULAM, Coastal Towers (Karthi), Nr. Samskara Jn., Pipeline Road, Palairattom, Cochin 682025. Phone: 9484-236301/236302, E-mail: troekmg@kgb.bank.in

**SALE NOTICE**  
**E-Auction Sale Notice for Sale of Immovable Properties under the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with provision to Rule 8(6) of the Security Interest (Enforcement) Rules, 2002**

Notice is hereby given to the public in general and in particular to the Borrower(s) and Guarantor(s) that the below described immovable properties mortgaged/charged to the Secured Creditor, the Physical/Symbolic Possession of which has been taken by the Authorized Officer of Kerala Gramena Bank, Vazhakkulam Branch will be sold on "As is where is", "As is what is", basis on 10-02-2026 for recovery of below mentioned amount & Borrowers.

**Name & Address of the Borrower (s) and Guarantor(s):** 1. Sri. Biju Sadasivan (Legal Heir) (Husband of late Suma Biju) S/o. Sadasivan, Palappalli Thekkethil, Kurambala P.O., Pandalam, Pathanamthitta (D)-689501, 2. Sri. Parthasarthi (Legal Heir) S/o. Biju Sadasivan, Palappalli Thekkethil, Kurambala P.O., Pandalam, Pathanamthitta (D)-689501, 3. Sri. Gopalan (Legal Heir) Father of Late Suma Biju, Murikkumpurath House, Thodupuzha, Manakkad P. O, Idukki (Dt)-685608, 4. Smt. Omama Gopalan (Legal Heir) Mother of late Suma Biju, W/o. Gopalan, Murikkumpurath House, Thodupuzha Manakkad P.O, Idukki (Dt)-685608, 5. Karunakaran P. S/o Pappu, Pulayavitha House, Parassala P.O, Pirappancode, Thiruvananthapuram (Dt) - 695502

**Total liabilities:** Rs.19,25,620.20 (Rupees Nineteen Lakh Twenty Five Thousand Six Hundred Twenty and Twenty Paise Only) as on 18.12.2025 plus further applicable interest and charges

**DESCRIPTION OF THE IMMOVABLE PROPERTY**  
 All the part and parcel of the property consisting of 1.82 Ares in Sy.No: 144/1 of land with building in Manjalloor Village, Muvattupuzha Taluk, Ernakulam District belongs to Smt. Suma Biju (Late). Boundaries (As per location sketch): North : Private Mud Way; East: Property of Thattayath Sathesh; South : Property of Anand Sankar; West : Private Mud Way

**Reserve Price:** Rs. 11,52,000/- (Rupees Eleven Lakh Fifty Two Thousand Only)

**Earnest Money Deposit:** Rs. 1,15,200/- (Rupees One Lakh Fifteen Thousand and Two Hundred Only)

The Earnest Money Deposit shall be deposited on or before 07.02.2026 upto 4.00 p.m. Details of EMD and other documents to be submitted to service provider on or before 07.02.2026 upto 5.00 pm.  
 Date up to which documents can be deposited with Bank is 07.02.2026 upto 5.00 pm.  
 For further details, contact Sri. Rathesh K S, Chief Manager/Authorized Officer, Kerala Gramena Bank, RO Ernakulam (940999027) or Smt. Usha V T, Branch in Charge (940999027), e-mail id: kgb59@kgb.bank.in or the service provider. M/s. C1 India Pvt. Ltd, 301, 1<sup>st</sup> Floor, Udyog Vihar, Gurgaon, Haryana-122015. (Contact No. +917416281708, 7291981124/25/26). Email: [info@india.com/support@bankelections.com](mailto:info@india.com/support@bankelections.com)

Date : 05.01.2026 (Sd/-) Authorized Officer, Kerala Gramena Bank Place : Ernakulam

**UJJIVAN SMALL FINANCE BANK**

Registered Office: Grape Garden, No.27, 3rd "A" Cross, 18th Main, Koramangala 6th Block, Koramangala, Bengaluru-560095, Karnataka  
 Branch Office: No.5/402, Lavish Arcade, Guruvayuru Road, Opp. Iltimani Hospital, Kunnamkulam, Kerala-680503

**E-AUCTION NOTICE**  
**E-Auction Notice for Sale under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act (SARFAESI Act) 2002, Read with Proviso Rule 8(6) & 9(1) of Security Interest (Enforcement) Rules 2002.**

The undersigned as Authorized Officer of Ujjivan Small Finance Bank Ltd, has taken possession of the following properties in exercise of powers conferred under section 13(4) of the SARFAESI ACT. The Borrower in particular and public at large are informed that E-Auction of the mortgage properties in the below mentioned account for realization of dues of the Bank will be held on "AS IS WHERE IS BASIS" and "AS IS WHAT IS BASIS" on the date as prescribed as here under.

Loan Account Number / Name of Borrower / Co-Borrower / Guarantor	(i) Date of 13-2 Notice & Demand Amount as on (ii) Date of Possession	Present Outstanding Balance	Reserve Price in INR	Earnest Money Deposit (EMD) in INR
1622210050000001	(i) 03.12.2021 & ₹ 15,32,846/- (Rupees Fifteen Lakhs Thirty-Two Thousand Eight Hundred and Forty-Six Only) as on 01.12.2021 / (ii) Symbolic Possession 05.08.2025	₹ 29,12,436.14 (Rupees Twenty Nine Lakhs Twelve Thousand Four Hundred and Thirty Six and paise Fourteen Only) as on 18.12.2025	₹ 15,14,000/- (Rupees Fifteen Lakhs Fourteen Thousand Only)	₹ 1,51,400/- (Rupees One Lakh Fifty-One Thousand Four Hundred Only)

**Schedule of the Property:** All that piece and parcel of the property with 4.53 Ares (11,200 cents) of property comprised in Survey No.745/1 of Vellarakkad Village, Kunnamkulam Taluk, East: Property of Saifudheen, North: Private Road, West: Panchayath Road, South: 90 cm Pathway. Together with land and building and all other appurtenances annexed thereto.

**The property belongs to Mr. Rajish A.R. i.e., No.1 among you.**

**DATE AND TIME OF E-AUCTION : 11.02.2026 From 11.00 a.m. to 12.00 Noon**

Last Date for submission of Bid:	Date & Time of Inspection of the property:
on or before 10.02.2026 Between 10.00 a.m and 5.00 p.m	09.02.2026 Between 10.00 a.m and 5.00 p.m

For More Details Contact Bank Authorized Officer :  
 Mr. Adithyan-95435 91627 / Mr. Tijo Sajjan - 78451 92961

The e-Auction is being held on "AS IS WHERE IS" and "AS IS WHAT IS BASIS".  
 The E-Auction will be conducted through Ujjivan Small Finance Bank Ltd approved e-auction service provider - M/s. C1 India PVT LTD. Contact person - Mr. Prabhakaran (Mobile No. 74182 81709). The intending bidders are advised to visit <https://www.bankelections.com> or <https://www.ujjivansfb.in/e-auctions> for the details of the properties in the website and for taking part in the bid they should register their names at portal <https://www.bankelections.com> and get their user-id and password free of cost. Prospective bidders may avail online training on E-Auction from the service provider M/s. C1 India PVT LTD, Helpline Number- 72919 18824, 25, 26 support email id- [support@bankelections.com](mailto:support@bankelections.com), Auction Portal- <https://www.bankelections.com>.

For detailed terms and conditions of the sale, please refer to the link provided in our Banks / Secured Creditor's website i.e., <https://www.ujjivansfb.in/e-auctions> / <https://www.bankelections.com>.

Date : 06.01.2026, Place : Thrissur Authorized Officer, Ujjivan Small Finance Bank Ltd