**DHARMAPURI** 

A different study conducted

We cannot solve problems with the same thinking we used to create them Albert Einstein

newindianexpress

Then there is another con-

cept, called 'periodic torpor'. Some animals like bats and

ground squirrels wake up periodically during their hibernat-

ing phase to drink water and

Bats like the 'little brown

bats', experience torpor - a state

of reduced psychological activ-

ity. These cycles are necessary

to maintain immune functions and survive harsh winters.

Some of the key findings from experiments also revealed that

energy expenditure during

arousal is a critical factor, as

environmental disruptions can

break this cycle, which in turn increases their mortality rates.

Similarly, among squirrels, the

arctic ground squirrels can su-

percool their bodies during hi-

bernation, with their core body temperature dropping to as low

as -3 degrees Celsius. This ex-

treme hibernation helps them

survive harsh winters with

limited food. One of the key

findings also revealed that their ability to suppress brain

activity and protect cells from

freezing, offers potential for medical cryopreservation and

organ transplants. Meanwhile,

yellow-bellied marmots may

have an increased chance of

survival, reproduction.

change their positions.



POOJA K

S humans, would we ever think of giving up eating, drinking, survive a harsh cold winter? We may not

even adopt this lifestyle, but some species in the animal kingdom have perfected the art and science of slumber, called 'hibernation'. To define it in simple terms, hibernation is a state of minimal activity and metabolic depression. It is a seasonal heterothermy characterised by low body temperature, slow breathing and heart rate, and low metabolic rate. Some species adapt to this state during extreme winters.

Hibernation is considered an evolutionary adaptation that allows species like bears, bats, hedgehogs, and even some amor even staying awake phibians and reptiles, to survive times even months, to for months on end to the inhospitably cold climate store fat to survive the without active foraging. It is a fascinating survival strategy that allows animals to survive harsh climatic conditions, or when food is scarce. Hibernation is a state of psychological and physical adaptation that helps the animals conserve energy and survive for long periods without food. It is an elongated process that has various stages.

### **STEPS IN HIBERNATION**

**Preparation**: Before hiber-**I** nation begins, animals go

through many physical and psychological changes.

**Storing fat:** Animals con**sume** large amounts of food for weeks, and someharsh winter. Besides, the fat also provides them with energy to sustain themselves during dormancy.

**Building shelters:** Before ibernating, animals seek or create a safe space such as dens, burrows or caves that will keep them warm during the freezing temperature.

**Entering a state of tor- por:** Hibernation involves a state called 'torpor'. A phase where animals significantly re-

animals survive cold weather and food scarcity. During this phase, they go through many behavioural changes --

**Drop** in body tempera**ture:** Hibernating animals experience a lowered body temperature, sometimes to as low as 0 degrees Celsius.

**Z** Drop in heart rate: During hibernation, the animal's heart rate decreases from 110-150 beats per minute, to 5-70 beats per minute.

Breathing and movement: During this phase, the animals' breathing becomes shallow, they move very little, and are barely conscious.

### **HOW LONG DOES IT LAST?**

The duration of hibernation varies depending on the species, climatic conditions and

SURVIVING THE TOUGH

THE Ice Age, also known as the Pleistocene Epoch (starting around 115,000 years ago and lasting for over 100,000 years), was a period when the Earth's surface and atmosphere were much colder. It is said that the global temperature was about 6 degrees Celsius, and the animals found during this period were icons like the woolly mammoth, steppe bison, and scimitar cat, musk oxen and grizzly bears. But, which of these animals survived the Ice Age?



navigate icy

landscapes



hunt Ice Age

megafauna

**Bison -** The

Reindeer and bison survived the Ice Age and remains one of the iconic megafauna today. The American bison is a descendant of

Ice Age bison

Caribou -These animals adapted to Arctic conditions, and have survived since the Ice Age. Their migratory behaviour helped

them thrive

**Wolves -** Grev wolves adapted

their hunting and diet, allowing them to survive. The wolves that we find today are descendants of Ice Age

populations

Bears - The brown bear and polar bear

survived the Ice Age. Adaptations such as hibernation and dietary flexibility allowed them to persist

# SYMBOLIC POSSESSION NOTICE Branch Office: ICICI Bank Ltd. 4/10, Mythree Tower, Bommanhalli Hosur

The Authorised ICICI Bank Officer under the Securitisation, Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 and in exercise of the powers conferred under section 13(12) read with Rule 3 of the Security Interest (Enforcement) Rules 2002, issued Demand Notices to the borrower(s) mentioned below, to repay the amount mentioned in the Notice within 60 days from the date of receipt of the said Notice. Having failed to repay the amount, the Notice is issued to the borrower and the public in general that the undersigned has taken symbolic possession of the property described below, by exercising powers conferred on him/her under Section 13(4) of the said Act read with Rule 8 of the said rules on the below-mentioned dates. The borrower in particular and the public in general are hereby cautioned not to deal with the property. Any dealings

Sr. No.		Description of Property/ Date of Symbolic Possession	Date of Demand Notice/ Amount in Demand Notice (Rs)	Name of Branch
1.	Andpanchayath, 170 10 170, Salem- 636308/ LBSAL00006565091/	SCHEDULE "A" OF PROPERTY All that piece and parcel of Plot No.12 measuring an extent of 1588 Sq.fts., and other easement rights, etc. in a housing layout named as JBJ CITY DEVELOPER'S MALGOVA NAGAR comprised Old Survey No.167/10 as per sub-division new Survey No.167/10A1A1A, Patta No.556 situated at Byroji Agraharam Village, Salem South Taluk, Salem district being. BOUNDED ON THE North by Property belongs to Church South by 23 feet East-West Road East by Plot No.13 West by Survey No.167/9 ADMEASURING North to South on the Eastern Side: 55.00 feet North to South on the Western Side: 55.00 feet East to West on the Northern Side: 28.75 feet East to West on the Southern Side: 29.00 feet and lying within the Registration District of Salem East and Sub-Registration District of Veerapandi, Salem District. Date of Symbolic Possession 05th December 2024	28/08/2024 Rs. 28,81,486.03/-	Salem

The above-mentioned borrowers(s)/guarantors(s) is/are hereby issued a 30 day Notice to repay the amount, else the mortgaged properties will be sold after 30 days from the date of publishing this Notice, as per the provisions under Rules 8 and 9 of Security Interest (Enforcement) Rules 2002.

Date: December 11, 2024 For ICICI Bank Ltd. Place: Salem

All the news. Sincerely Authorised Signatory In just a click. Log to www.newindianexpress.com

### TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD INVITATION OF BIDS-TWO COVER-ITEM WAR TENDER SYSTEM (E-Submission)

IFB No.	19/ F. UTM/79 Coastal habs. /SDO II/ CW /2024/Dt. 04.12.2024
Funding Pattern	Capital Grant Fund
Eligibility	Registered Class I Contractors (Civil)
Tender Invitee	The Chief Engineer, TWAD Board, Madurai - 625 007
Downloading Period	12.12.2024 to 11.01.2025 upto 15.00 hours
EMD Payable	Online Mode through E-Tendering website  "https://tntenders.gov.in"
Pre Bid meeting	30.12.2024 at 11.00 hours at the office of the Tender Invitee
Bid Submission 11.01.2025 before 15.00 hours duly Digitally signed encr Tenders through E-Tendering website "https://tntenders.gov	
Bid opening	13.01.2025 at 15.30 hours through E-Tender Portal

Bid Submission	Tenders through E-Tendering website "https://tntenders.gov.in"			
Bid opening	13.01.2025 at 15.30 hours through E-Tender Portal			
	Name of work	Appx. value (including 18% GST)	Bid Security	
to 600 mm and 500 Scheme to 79 Coa Town Panchayats	isting 600 mm and 500 mm PSC and MS pipe omm DI K7 pipes for Combined Water Supply stal habitations with bulk provision to 17 Rural and 19 wayside habitations in Kanniyakumari on Period: 9 months and Trial run 3 Months)	Rs. 16.85 Crore	Rs. 12.64 Lakh	
DIPR/ 5398 /TENDI	Chief Engineer,			

TWAD Board, Madurai. SAVE WATER, CONSERVE WATER, EVERY DROP COUNTS

CAPITAL



EQUITAS SMALL FINANCE BANK LIMITED (FORMERLY KNOWN AS EQUITAS FINANCE LTD)

Registered Office: No.769, Spencer Plaza, 4th Floor, Phase-II, Anna Salai, Chennai, TN - 600 002. Ph: 044-42995000, 044-42995050

DEMAND NOTICE - NOTICE UNDER SECTION 13 (2) OF THE SARFAESI ACT, 2002, NOTICE is hereby given that the following borrower/s have availed loan from Equitas Housing Finance Limited (EHFL) / Equitas Finance Limited (EFL) / Equitas Small Finance Bank Ltd (ESFB). The said borrower/s had/have failed to pay Installments and their loan account has been classified as Non-Performing Asset as per the guidelines issued by RBI. The details of the secured immovable propert/ties, loan and th amounts outstanding as on date payable by the borrower/s are mentioned below. The borrower(s) and the public in general are informed that the undersigned being the Authorized Officer, the secured creditor has initiated action against the following borrower(s) under the provisions of the SARFAESI Act, 2002 and not to deal with the said property, on failure to repay the outstanding dues indicated against their names within 60

(4) (Sixty) days of this notice, the undersigned will exercise any one or more of the powers under sub-section of Section 13 of the SARFAESI Act, including power to take possession of the property/ies and sell the same.

S. No	Name of the Borrower(s) / Guarantor(s) (MAME OF THE BRANCH)	Description of Secured Asset	
1.	BRANCH: EDAPADY LOAN NO: 700007571205 BORROWER NAME: 1. Mr. Madhesh, S/o. Arumugam, 2. Mrs. Ponnarasi,	All that Piece and parcel of the land comprised in S.no.242/1N, measuring an extent of 0.05 1/2 cent and all passage and easement rights of the property, and its situated at Katchipalli village, Edapady taluk, Sub registration district of Magudamchavadi, Registration district of Salem west, District, and bounded on the: Four Boundaries: North by: common pathway, South by: Sadaiyan property, East by: S.no. 242/1;o' Anadhayee property, West by: S.no. 242/1K, sadaiyan property, Linear Measurement: With an extent of 0.05. 1/2 cent Situated at within the Sub-Registration District of Magudamchavadi and Registration District of Salem west Total Extent 0.05. 1/2 cent	

W/o. Madhesh. Outstanding Amount : ₹ 4,30,434/-Demand Notice Date : 25.11.2024 Date : 11-12-2024, Place : Salem Authorized Officer, Equitas Small Finance Bank Ltd

NOTHING IS IMPOSSIBLE, THE WORD ITSELF SAYS 'I'M POSSIBLE'! > AUDREY HEPBURN

Indian Bank △ इलाहाबाद

### ZONAL OFFICE

Illrd Floor, Divya Towers, 15/1, Fort Main Road, Opp Govt Super Speciality Hospital, Salem. Ph: 0427-2218168

## SALE NOTICE FOR SALE OF IMMOVABLE PROPERTIES APPENDIX- IV-A" [See proviso to rule 8 (6)]

E-Auction Sale Notice for Sale of Immovable Assets under the Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with proviso 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 property mortgaged/charged to the Secured Creditor, the Symbolic possession of which has been taken by the Authorised Officer of Indian Bank, below branch, Secured Creditor, will be sold on "As is where is", "As is what is", and "Whatever there is" on 27-12-2024 for recovery of below amount due to the Indian Bank, below branch, Secured Creditor, from below borrower.

The specific details of the property intended to be brought to sale through e-auction mode are enumerated below:

## Name of the Borrowers / Guarantors / Mortgagors / Total liabilities

PANNAPATTI BRANCH, 7/188, Thinnapatti Main Road, Pannapatti, Salem - 636305, Ph : 94427-00042 1. Mr. M.Sivaperuman (Borrower), S/o.Mathaiyan, No.7-162, Pannapatti kattuvalavu, Pannapatti, Salem - 636305. 2. Mr. P. Ganesan (Guarantor),

S/o.Periathambi, No.4/337, Karuvanur, Dasasamuthiram, Poosaripatti, Salem - 636305 Total liabilities as on 09-12-2024: Rs.26,51,688/- (Rupees Twenty six lakhs fifty one thousand six hundred eighty eight only) with further interest

and cost. DETAILED DESCRIPTION OF THE PROPERTY: Land situated at Salem West Registration District, Ornalur SRD at Pannapatti village, S.No 205/5A Dry Hect 0.060.0 = Acre 0.15. S.No 205/7 Dry Hect 0.10.5 = Acre 0.26., in this 0.23 acre within the boundaries : South of the cart-way in the same

survey number, East, North and West of the lands of Mr. Sivaperumal. The said lands and Easement right of cart way appertaining the same. Encumbrances on property: NIL, Reserve Price: Rs.35,00,000/-, EMD Amount: Rs.3,50,000/-,

Bid incremental amount: Rs.10,000/- Date and time of e-auction: 27-12-2024 between 10.00 am and 05.00 pm. Property ID No. IDIB6457924214 Bidders are advised to visit the website (https://baanknet.com) of our e auction service provider PSB Alliance Pvt. Ltd. to participate in online bid.

For Technical Assistance Please call 8291220220. For Registration status and for EMD status please email to support.ebkray@psballiance.com. For property details and photograph of the property and auction terms and conditions please visit: https://baanknet.com and for clarifications related to this portal, please contact PSB Alliance Pvt. Ltd, Contact No. 8291220220.

Bidders are advised to use Property ID Number mentioned above while searching for the property in the website with https://baanknet.com

Date : 09-12-2024 Place: Pannapatti

**Authorised Officer** Indian Bank

PROTECTING INVESTING FINANCING ADVISING

ADITYA BIRLA FINANCE LIMITED

Registered Office: Indian Rayon Compound, Veraval, Gujarat - 362266 Branch Office: 1/276/2, Ground Floor, Kandaswarna Mega Mall, Block B, Saradha Collage Road, Fairlands, Salem-636016

"APPENDIX- IV-A"

[See proviso to rule 8 (6)]

Sale notice for sale of immovable property E-Auction Sale Notice for Sale of Immovable Asset under the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with proviso to

Rule 8 (5) and Rule 9 (1) 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 property mortgaged to the Secured Creditor, the Physical Possession of which has been taken by the Authorized Officer of Aditya Birla Finance Limited the Secured Creditor on 08.08.2024 will be sold on "As is where is", "As is what is", and "Whatever there is" basis on 31st December, 2024 for recovery of Rs. 1,35,68,462/- (Rupees One Crore Thirty-Five Lakh Sixty-Eight Thousand Four Hundred Sixty-Two

Only) as on 08.11.2024 and further interest and other expenses thereon till the date of realization due to the Secured Creditor from Borrowers/Co-Borrowers/Guarantors namely M/s Sai

Dhall Mill, Mr. Ganesh and Mrs. Aruna The Reserve Price and the Earnest Money Deposit will be as follows:

Description of the immovable property	Reserve Price	Earnest Money Deposit (10%)
Item No. I: "All that part and parcel of the property situated at Salem District, Salem West Reg. Dist., Suramangalam Sub Reg. Dist., Salem West Taluk, Alagapuram Village, S.No. 17/2, Punjai Hec. 1.78.5 Asst. Rs. 4.40. As per the sub-division S.No. 17/2A1A4, the above survey land and other survey lands are converted into house piots and out of those piots one such piot No.8 with an extent of 2137 sq. feet of land is related to this description. The boundaries and measurement for the same are: - East of land belonged to Mariappen and others; West of 25 feet North-South Road; North of Plot No.7 belonged to Balakrishnan; South of Plot No. 15. Within the above boundaries are measuring: - East-West Northern side 61 feet, Southern side 60 feet. North-South Eastern side 30 feet, Western side 41'3 feet. Totaling 2137 sq.feet of land in full and with all pathway rights and easement rights annexed thereto. As per the Town Survey Ward-D, Block-4, T.S.No.7/10 within the limit of Salem Corporation. This property situated in "JAY NAGAR" Layout.		Rs, 5,98,521.10/-
Item No. II: A- "Schedule" Salem District, Salem west Reg.Dist., Suramangalam sub-Reg.Dist., Salem Taluk, Reddyur Village, S.No.35/2, Punjai Acre 5.67. Asst Rs.8.55. As per the New Sub division S.No.35/2A, Punjai Hector 1.34.0, Asst. Rs.5.16, as per the sub-Division s.No.35/2A1, Punjai Hector 1.30.5, Asst. Rs.5.00 out of this punjai Acre 0.72 cents or 31378 sq. feet of land, as per the Sub-Division, Ward-C, Block-4, T.S.No. 11/2. As per the Sub-division T.S.No. 11/14, 11/15 is related to Golden Valley Block-A, Block-B, totally with an extent of 31378 sq. feet of land out of this an extent of 584 % sq. feet of Undivided share is related to this "A"-Schedule property. The boundaries and measurements for the same are: - North of the land belonged to S.No.35/2B1; South of the land belonged to K. Chinappan; East of Cannel in S.No.35/1, 6A; West of the North-South 30 feet Road. Within the above boundaries are measuring East-West Northern side 242 ¼ feet; Southern side 217 ¾ feet; North-South Eastern side 135 feet, Western side 136 ½ feet. Totaling 31378 Sq. feet of land out of this an undivided Share of 492 ¼ sq. feet of land is related to this Schedule-A Property.  "B" SCHEDULE - Out of the above "A"-Schedule property an Undivided Share of 492 ¼ sq. feet of land is related to this Schedule-B Property.  "C" SCHEDULE - Out of the above "A"-Schedule property 31378 sq. feet of land an approved constructed Apartment "Golden Valley" out of this said apartment, the Flat No. B-104, with an extent of 1004 sq. feet super buildup area in the Ground floor, and with all the fittings if the above	Rs. 53,86,488/-	Rs. 5,38,648.80/-

building and its Door No. B-104, as per Tax asst. New Door No. 101/28 is related to "B"-Schedule property. "D" SCHEDULE In the above "Golden Valley" apartment, the Place allotted for Car, Bik, Stairs, Lift, out of this an extent of 1/56 share, along with all rights, in bore

well, Water Supply Unit, Diesel Generator, Car parking, Lift, Stairs, Compound wall, Compound wall light, Gate, Motors, Water tanks, Septic Tank, Drainage, Play Ground, Shuttle Cock Court, Ladies Gym, Gents Gym out of this 1/56 common Share and with all pathway rights and easement rights annexed thereto. The above-described property situated within the limits of Salem Corporation.

> Rs.1.13,71,699/- Rs. 11,37,169.90/-Total

For detailed terms and conditions of the sale, please refer to the link provided in Secured Creditor website i.e. https://mortgagefinance.adityabirlacapital.com/Pages/Individual/Properties-for-Auction-under-SARFAESI-Act.aspx also on the website of https://sarfaesi.auctiontiger.net

for Aditya Birla Finance Limited **Authorized Officer** (9092596999/9677317779) LAN: ABSLMLAP000000643029

Date: 11.12.2024

Place: Salem