



Observation of lunar soil brought back by China's Chang'e 5 spacecraft has shown that soil on the moon contains active compounds that can convert carbon dioxide into oxygen and fuels, according to scientists.



GPS satellites orbiting the Earth may be more effective in detecting tsunamis, and much faster than the seismic sensors, finds a study. The method could serve as an effective warning system, UK researchers said

Virus in pig heart killed US man

HEALTH

NEW YORK: Researchers trying to learn what killed the first person to receive a heart transplant from a pig have discovered the organ harboured an animal virus but cannot yet say if it played any role in the man's death.

A Maryland man, 57-year-old David Bennett Sr, died in March, two months after the groundbreaking experimental transplant. University of Maryland doctors said on Thursday they found an unwelcome surprise viral DNA inside the pig heart.

They did not find signs that this bug, called porcine cytomegalovirus, was causing an active infection.

But a major worry about animal-to-human transplants is the risk that it could introduce new kinds of infections to people. Because some viruses are "latent," meaning they lurk without causing disease, "it could be a hitchhiker," Dr Bartley Griffith, the surgeon who performed Bennett's transplant, told The Associated Press.

US restricts use of J&J vaccine

FDA cites ongoing risk of serious blood clot

COVID

NEW YORK: Regulators in the United States have strictly limited who can receive Johnson & Johnson's Covid-19 vaccine due to the ongoing risk of rare but serious blood clots.

The Food and Drug Administration said the shot should only be given to adults who cannot receive a different vaccine or specifically request Johnson & Johnson's vaccine. US authorities for months have recommended that Americans get Pfizer or Moderna shots instead of J&J's vaccine.

FDA's vaccine chief Dr Peter Marks said the agency decided to restrict the vaccine after taking another look at the data on the risks of life-threatening blood clots and concluding that they are limited to Johnson & Johnson's vaccine.

"If there's an alternative that appears to be equally effective in preventing severe outcomes from Covid-19, we'd rather see people opting for that," Marks said. "But we've been careful to say that — compared to no vac-



cine — this is still a better option." The problem occurs in the first two weeks after vaccination, he added: "So if you had the vaccine six months ago, you can sleep soundly tonight knowing this isn't an issue."

The FDA authorised J&J's shot in February last year for adults 18 and up.

The vaccine was initially considered an important tool in fighting the pandemic because it required only one shot. But the single-dose option proved less effective than two doses of the Pfizer and Moderna vaccines.



REFUGE FROM HEAT

Monkeys sit in a shade inside a temple on a blistering hot day in Allahabad on Friday | AFP

Plant-based jab 70% effective

COVID

NEW YORK: A new plant-based Covid-19 vaccine is nearly 70 per cent effective against symptomatic disease caused by five variants of the coronavirus, according to results of the human clinical trial of the preventive. The vaccine developed by researchers at Canadian biotechnology company Medicago contains coronavirus-like particles produced in plants which are combined with an adjuvant that helps vaccines work better.

FACT OF THE MATTER

Population of monk seals up

CONSERVATION

The population of endangered Hawaiian monk seals has surpassed a level not seen in more than two decades, according to federal officials. National Oceanic and Atmospheric Administration officials this week said that the seal population has steadily increased over the past two years. Officials estimated the population has grown by 100 from 2019 to 2021, bringing the total from 1,435 to 1,570 seals.

UK to force Big Tech to give users more choice

TECH

LONDON: Big tech companies like Google and Facebook parent Meta would have to comply with tough British rules under a new digital watchdog aimed at giving consumers more choice online or face the threat of fines.

The UK government on Friday outlined the powers it's planning for its Digital Markets Unit, a regulator set up last year to take on the dominance of tech giants. It didn't specify when the rules would take effect, saying only that legislation would come "in due course." Authorities in Britain and across Europe have been leading the global push to clamp down on tech companies amid rising concern about their outsized influence and harmful material on their platforms. The new UK watchdog would enforce rules that make it easier for people to switch between iPhones and Android devices or between social media accounts without losing their data and messages. The government's digital department said smartphone users would get a wider choice of search engines and more control over how their data is used. Tech companies would have to warn small companies that do much of their business online about changes to algorithms that could affect their web traffic and revenue.

DESPERATE TIMES

Amid lockdown, Shanghai couple marry in parking lot

COVID

SHANGHAI: A couple in Shanghai have beaten coronavirus lockdowns and bureaucracy to tie the knot, celebrating their marriage in the car park of their housing compound after a ceremony officiated via Zoom from the United States.

With the "Bridal Chorus" on speaker, a smattering of socially distanced friends and an immaculate white dress complete with blue surgical mask, bride Janelle Nuys walked down the aisle followed by an official in a hazmat suit who disinfected the ground around her.

Shanghai's weeks-long lockdown has brought the business hub of 25 million people to a halt as China sticks with its zero-Covid policy.

But an easing of the rules in recent weeks has allowed some residents out of their homes, although mostly within the confines of their housing developments.



Groom Matthew Mitchener, 35, said he initially had doubts about a lockdown wedding but they melted away Saturday when he caught sight of his bride in a figure-hugging wedding dress highlighting her fifth-month baby bump.

"It was all a little surreal," the Australian said, beaming, as neighbours threw rice around for good luck and cheered. After close to a month stuck at home, the couple had their wedding officiated online by a US celebrant, with friends and family as witnesses, before they headed to the car park of their compound for a small celebration.

A ban on marriage between foreigners in China in place since 2019 prevented the pair from using a Chinese official, and the option to tie the knot at one of their embassies was not available.

The car park celebration had only been decided on a day before, when the couple's neighbours suggested they hold a reception party there after an easing of restrictions made it possible. "It kind of snowballed," said Mitchener. "The next thing we knew, we had a wedding dress arrive from our friend, and a wedding cake, a bouquet."

KOTAK MAHINDRA BANK LIMITED
 Regd. Off.: 27, BKC, C-27, G-Block, Bandra-Kurla Complex, Bandra-(E), Mumbai-400051.
 Regional Office: Door No. 29-4-19, Ground Floor, Kodandaram Reddy Street, P.B. No.305, Opp. Rehman Park, Governorpet, Vijayawada-520002, Krishna District.

SALE NOTICE FOR SALE OF MOVABLE/ IMMOVABLE PROPERTIES
 E-Auction Sale notice for sale of movable/immovable assets under the Securitization and Reconstruction of Financial Assets and Enforcement of Security Interest Act, 2002 read with provision to Rules 6(2) & 8(6) of the Security Interest (Enforcement) Rules, 2002.

Notice is hereby given to the public in general and in particular to borrower(s) and Guarantor(s) that the below described movable/immovable property mortgaged/ charged to the Kotak Mahindra Bank Ltd. ("the Secured Creditor"), the Physical Possession whereof has been taken by the Authorized officer of the secured creditor on 28-01-2020, will be sold by way of e-auction on "As is where is", "As is what is" and "Whatever there is" and "No recourse" basis on 26th May, 2022 for recovery of Rs.64,05,11,539.10 (Rupees Sixty Four Crores Five Lakhs Eleven Thousand Five Hundred Thirty Nine and Paise Ten Only) as on 30-Apr-2022 as detailed below, together with further interests, costs, charges and expenses therefrom, due to the secured creditor from the Borrowers and Guarantors.

Loan A/c. No.	Borrower Name	Amount Due in Rs. As on 30-04-2022
OD-4011639594	ADITYA AGRO FOODS	58,73,64,534.05
OD-4711632819	RAVINDRA REDDY SATHI	1,33,07,398.50
OD-4711633045	RAJENDRA REDDY SATHI	1,32,99,868.50
OD-0711633160	SATHI JAYALAKSHMI	1,32,90,565.50
OD-0811619347	SATHI SAROJINI	1,32,49,172.50
	TOTAL	64,05,11,539.10

The details regarding the description of property, Reserve Price (below which the properties will not be sold) and the Earnest Money Deposit are more particularly stated in the table below.

Description of the property put for sale:
Item No.1: All that the non-agricultural land with Rice Mill in an (1) Ac.1-16 1/2 Cents, which is on the southeast corner of, out of total extent of Acres 8-52 Cents in Survey No.9/2, (2) An extent of Acres 0.14 Cents, which is on the eastern side of, out of total extent of Ac. 0-28 Cents in Survey No.9/3, (3) An extent of Ac.1-92 1/2 Cents, which is on the middle of western side, out of total extent of Ac. 3-33 Cents in Survey No.10, (4) An extent of Acres 0.10 1/2 Cents, which is on the northwest corner of, out of total extent of Ac.3-90 Cents in Survey No.11, (5) An extent of Ac.1-79 Cents, which is on the eastern side of, out of total extent of Ac.2-63 Cents in Survey No.12/1 and (6) An extent of Acres 0.76 Cents which is on the northern side of, out of total extent of Ac.1-18 Cents in Survey No.12/2 in total Ac. 5.86 Cents in Muchumilli village, Ramachandrapuram Municipal Area, Ramachandrapuram SRO, East Godavari District, bounded by: East: Land in Survey number 10 belongs to 3rd executant (Kari Balasaraswathi @ Bharathi); West: Land of 2nd and 3rd Executant (Sathi Ravindra Reddy and Kari Balasaraswathi @ Bharathi) in Survey No. 12/1 some extent, land of 1st executant (Sathi Rajendra Reddy) some extent; North: Land of 3rd executant (Kari Balasaraswathi @ Bharathi) in Survey No.10 some extent, land of 1st, 2nd executants (Sathi Rajendra Reddy and Sathi Ravindra Reddy) in Survey No.9/2 some extent, land in Survey No.9/2 some extent, land of 1st executant (Sathi Rajendra Reddy) some extent; South: Land of 3rd executant (Kari Balasaraswathi @ Bharathi) in Survey No.10 some extent, land of 1st, 2nd executants (Sathi Rajendra Reddy and Sathi Ravindra Reddy) in Survey No.11, 12/2 some extent, land of 2nd 3rd executant (Sathi Ravindra Reddy and Kari Balasaraswathi @ Bharathi) in Survey Number 12/1 some extent.
2) An extent of Ac.0-29 1/2 Cents, which is in the middle of, out of total extent of Ac.8-52 Cents in Survey No.9/2, bounded by: East: Land in this Survey Number; West: Land in this Survey Number belongs to executants (S. Rajendra Reddy and others); North: Land of executants (S. Rajendra Reddy and others); South: Land of 1st executant (Sathi Rajendra Reddy)

Within the above boundaries, a total extent of Ac.6-17 1/2 Cents with all usufruct, water, ways with all easement rights.
Item No.2: (1) All that the non-agricultural land in an extent of 0.25 1/2 Cents = 1234.2 Sq. yards, which is in the middle, in R.S. Number 13/1 to the nearest Door No.25-1-22, in Block No.25, Muchumilli Village, Ramachandrapuram Municipal Area, Ramachandrapuram SRO, East Godavari District, bounded by: East: Land of claimant firm some extent, Land of 1st executant (Sathi Rajendra Reddy) in this survey number some extent; West: Land of 1st Executant (Sathi Rajendra Reddy) in this Sy.No., North: Land of Claimant Firm (M/s. Aditya Agro Foods) in Sy.No.12/1, 9/2; South: Land of Claimant Firm (M/s. Aditya Agro Foods) in Sy.No.12/1.
(2) An extent of Ac. 0-12 Cents = 580.8 Sq.yards which is on the middle in Survey Number 5/4, bounded by: East: Land of Executants (Sathi Rajendra Reddy and Sathi Ravindra Reddy) in this survey number; West: Land of Executants (Sathi Rajendra Reddy and Sathi Ravindra Reddy) in this survey number; North: Road; South: Land of Claimant (M/s. Aditya Agro Foods) in Sy.No.9/2.
 Within the above boundaries, an extent of Ac. 0-37 1/2 Cents = 1815 Sq. yards, with all usufruct, water, ways with all easement rights.
Item No.3: Plant & Machinery.
 The total extent of Item No. 1 & 2 is 31702 Sq. yards of entire rice Mill along with land, plant and machinery and godowns within in Door No. 25-1-23/5 and 25-1-23/6, Block No. 19, R.S. No. 54, 9/2, 9/3, 10, 11, 12/1, 12/2 & 13/1, Muchumilli Village, Ramachandrapuram Municipality, East Godavari District, Andhra Pradesh with 53139 Sq. ft. of rice mill and 53139 Sq. ft. of godown area.

Reserve Price (In Rupees) Rs.8,57,70,000/- (Rupees Eighty Crores Fifty Seven Lakhs Seventy Thousand Only)
 Earnest Money Deposit (EMD) Rs.85,77,000/- (Rupees Eighty Five Lakhs Seventy Seven Thousand Only)

TERMS AND CONDITIONS OF THE SALE OF MOVABLE/IMMOVABLE PROPERTY BY WAY OF E-AUCTION:

- Item No's 1, 2 and 3 will be sold in ONE LOT ONLY.
- Inspection of the property: Interested parties may inspect the property from 09-05-2022 to 25-05-2022 between 11:00 AM to 3:00 PM.
- Last date and time of submitting EMD: 25th May, 2022 up to 5:00 PM.
- The Auction Sale will be "Online E-Auction/Bidding" through KMBL's approved service provider, M/s Auction tiger, having its Office at Ahmedabad, Gujarat-380006, help line Nos.Mr. Praveen Kumar Ph.Nos. 7961200515/ 9722778828, and also help line mail id sales@AuctionTiger.net at the web portal www.AuctionTiger.net.
- The Auction Sale will be held on 26th May, 2022 between 11 AM to 12 PM with auto-extensions for 5 (five) minutes in case bid is placed in the last five minutes before the appointed closing time.
- The Bid price to be submitted, shall be above the Reserve Price fixed by the Authorized Officer ("AO") and bidder shall further improve their offer in multiple of INR, 5,00,000/- (Rupees Five Lakhs Only).
- The property will not be sold below the Reserve Price set by the AO. The Bid quoted below the reserve price shall be rejected and the EMD deposited shall be forfeited.
- The successful bidder shall have to pay 25% of the purchase amount (including Earnest Money) already paid within 24 hours of the closure of the E-Auction sale proceedings. The Balance 75% of the purchase price shall have to be paid within 15 (fifteen) days of the confirmation of the sale by the Bank or such extended period as agreed upon in writing by and solely at the discretion of the AO, failing which the Bank shall forfeit amounts already paid/deposited by the purchaser and the AO is having authority to confirm the sale to the next highest bidder.
- Bidders are advised to visit the said website www.AuctionTiger.net for Bid forms and detailed terms and conditions of the sale before submitting their bids and participating in the proceedings.
- Bids shall be submitted online only in the prescribed format(s) with relevant details duly filled in. Bids submitted in any other format/ incomplete bids are liable to be rejected.
- All Bid forms shall be accompanied by copies of following KYC documents viz., (i) PAN card (ii) Aadhar card/passport (iii) Current Address proof (iv) valid e-mail ID (v) Contact number(s) (mobile/landline), etc. Scanned copies of said documents shall be submitted to the email ID stated above. Earnest Money Deposit (EMD) as mentioned against property described in the accompanying Sale Notice shall be submitted by way of Demand Draft drawn in favour of Kotak Mahindra Bank Ltd., payable at Kakinada.
- The intending bidder should submit a proof of deposit of EMD in a format as may be acceptable to the Bank.
- The Bidders should hold the valid e-mail ID as all the relevant information from secured creditor/the service provider may be conveyed through email only.
- Prospective intending bidders may contact the service provider on the detail mentioned above to avail online/ in-person training on participating in the e-auction.
- However, neither the Authorized Officer nor the Secured Creditor or Service Provider shall be responsible for any technical lapses/power failure, etc.
- The EMD of unsuccessful bidders will be returned within 7 working days from the date of closure of e-auction proceedings.
- The sale is subject to confirmation by the Bank. If the borrower/ guarantor(s) pay the entire amount due to the secured creditor before the appointed date and time of e-auction, no sale will be conducted.
- To the best of knowledge and information of AO, no other encumbrances exist on the aforesaid properties, however prospective bidders are advised to do their own due diligence and conduct independent enquiries in regard to the title/ encumbrances, etc. The AO shall not be held responsible for any change, lien, encumbrances, property tax or any other dues to the Government and anybody in respect to the aforesaid mortgage property. The properties are being sold with all the existing and future encumbrances whether known or unknown to the secured creditor.
- The AO has the right to reject any tender/ tenders or even may cancel the e-auction without assigning any reason thereof.
- On compliance of terms of sale, AO shall issue a 'certificate of sale' in favour of the purchaser. All expenses relating to stamp duty, registration charges, conveyance, VAT, TDS, GST, etc. shall be borne by the purchaser.
- The sale is subject to the conditions prescribed in the SARFAESI Act/ Rules, 2002 and the conditions mentioned above.
- For any further information on the auction, including inspection of the properties, the intended bidders may contact Mr. Venkateswarlu M on Ph# 9642061111 or Mr. K Ravi Kumar on Ph# 8886056611 between 10:00 am to 5:00 pm on all working days.

Place: Kakinada, Date: 06.05.2022
 Sd/- Authorized Officer, For Kotak Mahindra Bank Limited

SOUTHERN RAILWAY					
Sr.Divisional Engineer/Co-ordination/Southern Railway/Palakad invites E-TENDERS for the following works.					
E - TENDER NOTICE No. PGT/OT/08/2022 dated 04.05.2022					
S. No.	Name of Work	Approximate Cash Value (in Lakhs)	Earnest Money Deposit (Rupees)	Tender Closing date 15.00 hrs on	Completion period in Months
1.	(1) Shoranur - Mangalore Section - Rebuilding as RCC Boxes of Br.No.949 Dn, 1003 Dn & 1081 Dn (3 Nos) (2) Shoranur - Mangalore section - Rebuilding as RCC Boxes of Br. Nos. 1225 Up, 1253 Dn, 1266 Up & Dn & 1270 Dn (3) Shoranur - Mangalore Section - Rebuilding as RCC Boxes of Br no. 1267 Up & Dn.	437.58	3,68,800/-	27.05.2022	Twelve
2.	Podanur-Shoranur Section - Rebuilding as RCC Boxes of Br No 644 Dn, 645 Up & Dn, 652 Dn, 678 Dn, 682 Dn, 683 Dn, 684 Dn, 695 Dn, 703 Up (10Nos)	438.21	3,69,100/-	27.05.2022	Twelve
3.	Podanur - Mangalore section - Rebuilding as RCC Boxes of Br Nos 691 Up & Dn, 1030 Dn 1031 Dn, 1044 Dn, 1062 Dn, 1063 Dn, 1067 Dn	323.75	3,11,900/-	27.05.2022	Twelve
4.	Shoranur-Nilambur Section - Rebuilding as RCC boxes for Br no 3, 5, 6, 7, 9, 11, 13, 14, 15, 18, 19, 20, 38 & 92 (Total - 14 Nos)	486.41	3,93,200/-	27.05.2022	Twelve
5.	Palakkad Division Divisional Engineer/ East/Palakad Jurisdiction 1 Podanur - Shomur & Shomur - Calicut section (BG) - CTR (P) 6347 km with new 60 kg 90 UTS rails as LWR on PSC sleeper 1 660 Nos/Km with elastic fastenings at various locations on Down line and Up line Up line (4019 Km by TRT and 2328 Km by manual laying) (Location as per annexure). The work including proposed ballasted track in lieu of CC apron at Rd 3 at Palakkad yard and Rd 1 at Shoranur yard, RCC side drain in Senior Section Engineer / Permanent Way/West/Podanur section, watering arrangement at Shoranur Rd 1, RR side drain and RCC retaining wall at shoranur section and provision of trolley refuge in Senior Section Engineer/Permanent way/West/Podanur and Shoranur section and ancillary works 2 TRR (P) for a total length of 41985 Km (location as per annexure) 3. TRR (S) for a total length of 5561 Km at Madukkarai and Palakkad (Details as per annexure)	609.98	4,55,000/-	27.05.2022	Twelve
6.	Palakkad Division - Divisional Engineer/West/ Palakkad Jurisdiction: 1 CTR for a total length of 7850 Km (6485 km by TRT and 1365 km by manual) (Location as per annexure). The work including RCC side drain in Senior Section Engineer/Permanent Way/Mangalore section Provision of trolley refuge in Senior Section Engineer/Permanent way/Kasargod and Mangalore section 2 TRR (P) for a total length of 4476 km (location as per annexure) 3 TRR (P) for a total length of 26690 km (25690 km by TRT and 1000 km manual) 4 TRR (S) for a total length of 3488 km at Feroke and Kannur (Details as per annexure)	704.73	5,02,400/-	27.05.2022	Twelve
7.	Kuttippuram-Reconstruction of Station Building with new roofing with improved facilities	84.42	1,68,800/-	13.06.2022	Twelve
8.	Ullal-Construction of Signal & Telecommunication building for provision of Electronic Interlocking and Approach road from nearest Level Crossing to the unloading platform 50.0 X 6.0 mtrs	53.53	1,07,100/-	13.06.2022	Six
9.	Ullal Provision of direct R&D (Receive and Despatch) line goods shed lines at Ullal station in lieu of Mangalore bunder goods shed-work includes unloading platform and shifting of Points & Crossings and allied track works	216.73	2,58,400/-	13.06.2022	Ten
10.	Replacement of mechanically operated points on Main line with point machines at TIRUR and KASARGOD stations with full replacement and electronic interlocking at Kasargod of Palakkad Division - Construction of Signal & Telecommunication building for provision of Electronic Interlocking and compound wall & drain at Kasargod	62.70	1,25,400/-	20.06.2022	Six
11.	1) Replacement of mechanically operated points on Main line with point machines at TIRUR and KASARGOD stations with full replacement and Electronic interlocking at Kasargod of Palakkad Division - Provision of Senior Section Engineer/ Special Revenue Maintenance office and store room facility, truss roof for Microwave station at Palakkad and Removing mechanical point No 100 yard and CC drain 60m length at Tirur 2) Palakkad-Repairs to Deputy Superintendent of Police/office and roof of Govt. Railway Police post at Palakkad	43.31	86,600/-	20.06.2022	Six
12.	Podanur-Shoranur section - 1, TTR (TWS/CS+CMSC) on points and crossings and derailing switch 26 sets, 1 in 12-14 sets (TWS+CMSC), 1 in 85 -4sets (CS+CMSC), 1 in 16-1 set (CS+CMSC) and derailing switch (Trap) 7 sets (Detailed location at annexure) 2 Shoranur-Nilambur section Increasing sleeper density for a total length of 3,375 Km from Km 1310 Nos to 1540 nos / km in various yards between Shoranur-Nilambur section (Location as per annexure)	101.52	2,00,800/-	20.06.2022	Twelve
13.	Thalassery - Extension of Duty Station Master room at Thalassery Station	8.02	16,000/-	27.06.2022	Three
14.	Construction of Limited use subway (1 x 4.50 x 3.66 m RCC Box) at km 545/700-800 between Parli and Mankarai station in favour of Parli Grama Panchayat.	209.17	2,54,600/-	27.06.2022	Twelve
Eligibility criteria for single similar work previously executed		Item No. 1, 2, 3 & 4	Any bridge / ROB/RUB/LUS/FOB of RCC/PSC/ Composite construction, either precast outside and launched/pushed in or cast in situ after inserting temporary girders.		
		Item No. 5, 6 & 12	Any Track work		
		Item No. 9	Any Civil Engineering work		
		Item No. 7, 8 & 10	Any civil Engineering work except track work/Transportation		
		Item No. 14	Bridge construction by Box pushing / Pipe pushing method.		
1. All the contracts on Works/goods/service will be subject to the new GST Act as applicable from time to time.					
2. Contractors/Suppliers have to register themselves with GST authorities and to furnish the GST registration number in order to process the bills from 01.07.2017 onwards.					
For complete details of the above tenders please visit Web site "http://www.ireps.gov.in"					
Sr. Divisional Engineer/Co-ordination/Southern Railway / Palakkad					
Follow us on Twitter.com/GMSRailway					