**Tata Power renewables** capacity surpasses 3 GW

Tata Power said its renewables energy capacity had crossed 3 GW, with another 500 MW under construction, in keeping with its commitment to generate 30-40% power by 2025 through renewable sources. It added 1,350 MW of renewable capacity during 2016-17. The firm's non-fossil fuel based generation portfolio — comprising hydro, waste gas, solar, and wind - stands at 3.141 MW.

#### Centre to Tesla: No local sourcing needed

NEW DELHI The Commerce and Industry Ministry on Tuesday referred to the foreign direct investment policy and clarified that it was not correct to say that the policy mandated any company - in this case U.S.-based electric car major Tesla — to conform to any minimum sourcing of local components if it wanted to establish a manufacturing unit in India The Commerce Ministry was responding to reports that plans to unveil Tesla cars in India were being delayed.

#### India, Latam nations in talks to boost trade

NEW DELHI India has intensified dialogue with Latin American countries to boost trade and investment. In meetings held last week. India and Ecuador considered initiating the process of negotiations for a preferential trade agreement. Separately, India and Colombia agreed to strengthen cooperation in various sectors, including telcom, infrastructure, IT and pharmaceuticals

### INTERVIEW BIKRAM BEDI

## Big is not eating small any more, fast is eating up slow

Amazon Web Services' customers in India jumped 60% in 9 months to March

YUTHIKA BHARGAVA Amazon Web Services, which saw a 60% surge in customers after setting up its data centre in Mumbai in June last year, is betting big on the India market. Bikram Bedi, Head, Amazon Internet Services Pvt. Ltd. India, in an Interview said India being "an influencer for global market" has the potential to be largest business for the firm globally.

response after setting up of India data centre? ■ We launched our India data centre towards the end of June last year. At that point, we had said we have 75,000 active customers somebody who has had some usage in his account in the last 30 days, in India. Over the next nine months, till March 2017, we saw a 60% jump in customers to over 1.2 lakh.

What has been the

A lot of experts and organisations are still talking about cloud being in a nascent stage in India. Do you agree?

Our view is that cloud is the new normal. We have reached a stage where we are not having discussions with people about should I adopt the cloud. The discussion really is about which applications need to go first and how quickly.

Is low price the only factor driving cloud uptake?

■ A lot of people tend to believe that it is the cost. It is true, economy of scale is such that you will get low cost. That is a given. But the number one reason which is driving cloud is agility.

Look at the start-up space and the disruption that has



Start-up segment will continue to grow and explode. Media now is going through the roof.

happened. Earlier, failure was unthinkable because you had put millions of dollars behind an idea. In the cloud that doesn't exist. Failure is a way of life. It is okay to fail as long as you fail fast.

Probably 90% of things will fail but the 10% that succeed are your next big ideas.

That is the mindset with which most start-ups run and if you look at large Internet companies, most of them have morphed into a different business models than they started. And that is how even enterprises have started thinking now. So, when you talk about what makes cloud and Amazon Web Services (AWS) successful, it's really the ability to move fast. In this world, big is not eating small any more. Fast is eating

How important a market

is India for AWS globally? What growth do you see

Amazon has already made it clear that India is an important market. You have seen the investment that is coming in, and that includes AWS. We believe in the fullness of time, India has the ability to be one of our largest businesses across AWS...that could take a few

But it's an important market for us because India is just not about India. India is also an influencer for global market. We have local service providers who are going and selling in global markets...we have some 3 or 4 million developers building products for global

On growth, we think its still day one for us. Its really early days... We have over 90 services, and when you have so many services, you basically address a large cross section of market. There is a huge market ahead of us.

Start-up segment will continue to grow and explode. Media right now is going through the roof... then enterprises. Everyone is right now looking at building a digital business.

So start-ups will be a focus?

■ We see opportunity across the board. Every conceivable industry is a huge opportunity for us. It is not just about servers and storage, its about networking, security, artificial intelligence, mobility, analytics, voice solutions...there is so much we are doing. The industry is worth trillions of dollars. Start-ups have been a

sweet spot for us. We work with them closely... There is a lot happening in the whole enterprise space. We are seeing a lot of traction in the public sector space as well.

If you see sectors for

example manufacturing and distribution, Tata Motors is using us for running over 90 digital properties plus test and development. They also use us for inventory and spare part management. In distribution, Future Group, Shoppers Stop, Jubilant FoodWorks, all use AWS. In Finance, BSE is running simulated algo training algorithms on us. Digital is now the new avatar for media. All those business are being built of AWS... Hotstar, Voot from Viacom 18, Sony LIV in broadcast, and ALTBalaji, Eros, Netflix, Amazon Prime Video on content side.

So these newer services will be the focus then?

■ The traditional server market not going away. That itself is billions of dollar market. But on top of that, customers are looking for managed platforms now. For eg Airbnb, the size of their IT team is may be 5 or 6 people. Rest of the team is focussed on building better products for customers. We are seeing massive demand for these products.

There is a lot of competition in this segment. A lot of companies are offering cloud services. We are not really competitor obsessed, we are a customer obsessed firm and we focus on that. Having

said that, we don't think it

will be winner takes all

## Apple told to follow localisation road map

The Cupertino-based firm had asked for duty-free imports

SPECIAL CORRESPONDENT

The Centre has asked Apple to follow the official localisation road map, drawn by the Ministry of Electronics and IT in consultation with the industry, which will eliminate the need for additional concessions to the U.S. based technology giant for making its phones in India.

"Apple has indicated that they have a road map for indigenisation... We, in turn, have told them that we ourselves have drawn a roadmap for indigenisation because we want to drive up value-addition," IT Secretary Aruna Sundararajan said.

She added that the road map has been shared with Apple, and "we have told them if they can align their roadmap, in which case we



Tug of war: Apple has already started making iPhone SE model locally. • AFP

don't need to give them any separate concessions."

15-year sop

Apple had requested that it be allowed duty free imports of certain components for a 15-year period.

Ms. Sundararajan said the indigenisation road map was prepared over the past two

years in consultation with

"Some of their components will start being manufactured out of India over a period of time. They have shared a specific road map with us," she added. Apple has already started making iPhone SE model locally. Ms. Sundararajan said.

## Insurance start-up Acko gets \$30 mn.

SPECIAL CORRESPONDENT

Acko General Insurance, an insurance start-up, said it raised \$30 million from a group of investors, including N.R. Narayana Murthy's Catamaran Ventures, Infosys' co-founder Kris Gopalakrishnan and Hexaware founder Atul Nishar. Other investors include Hemendra Kothari of DSP BlackRock and venture

Technologies capital firms Accel and SAIF Partners. Acko also said it had received in-principle regulatory clearance to introduce general insurance business in India. The firm said it will operate as an independent general in-

## India eyes \$1 trillion digital opportunity

Ropes in McKinsey to draw roadmap

SPECIAL CORRESPONDENT

The Centre aims to grow India's digital economy to \$1 trillion by 2022, Electronics and IT Minister Shankar Prasad said.

Mr. Prasad said the Centre had roped in consulting firm McKinsey to help draw a roadmap to achieve this target.

"India will become a trillion dollar economy," said Mr. Prasad.

"How will it become a trillion dollar economy, that roadmap will talk about what the government needs to do, what the industry needs to do.... Different sectors such as healthcare and



education, what they need to do," he said.

Currently the digital economy in India, which includes sectors such as fintech, communications, ecommerce, cybersecurity and electronics, is estimated at about \$270 billion

# निदेशक, सीएसआईआर-एनजीआरआई निम्नलिखित वस्तुओं/सेवाओं की आपूर्ति के लिए मुहरबंद निविदा

क्र.सं./ Sl.No. बयाना EMD विवरण / Description मौजूदा वीशैट नेटवर्क के लिए बैंडविड्थ सेवाएं प्रदान करना और 2 वर्षों की अवधि के लिए व्यापक वार्षिक रखरखाव (सी ए एम सी) (दो Rs.84.000/letwork and Comprehensive Annual Maintenance (CAMC) for a period of 2 years (Two bid)

विस्तृत निविदा दस्तावेज़ सीधे हमारी वेबसाइट www.ngri.org.in से नि:शुल्क डाऊनलोड किया जा सकता है । The detailed tender document can be downloaded directly from our websit www.ngri.org.in at free of cost. निविदा प्रस्तुत करने हेत अंतिम तिथि : 15.06.2017 दोपहर 12.30 बजे तक

Last date for submission of tender निविदाओं को खोलने की तिथि Date of Opening of tenders

: 15.06.2017 दोपहर 3.00 बज़े 15.06.2017 at 3.00 p.m भंडार एवं क्रय नियंलक/Controller of Stores & Purchase

: 15.06.2017 upto 12.30 p.m



**AMENDMENT** 

	e-procurement Tender Notice	Name of Work	Estimate Cost Rs. in Lakhs	
A	A 02/2017-18 Dt: 20.05.2017	Kaleshwaram Project-Formation of Sri Ranganayaka Sagar (Imambad Reservoir) with a capacity of 3.00 TMC near Chandulapur (V), Chinnakodur (M), Siddipet District.	Rs. 463,48,77,791/-	
The Schedule already notified stands good without any modifications as of now.				
В	03/2017-18 Dt: 20.05.2017	Formation of Sri Konda Pochamma Sagar for a Capacity of 7,00 TMC Near Pamulaparthi (V), Markook (M), Siddipet District,	Rs. 486,58,38,249/-	

The Schedule already notified stands cancelled due to administrative reasons until further notice. Name & Address of the Officer inviting the Tender

Kaleshwaram Project Construction Circle No. 1 Siddipet, Contact No.: 9100045372. For other details see

@ www.eprocurement.gov.in market place.

Sri T.Venu, M.Tech., Superintending Enginee

Tender No. 04/2017-18. NABARD RIDF XIX – WSS to Konni Medical College in Pathanamthitta district – Construction of 5 MLD Water Treatment Plant & 10 LL OHSR and laying 300mm Clear water pumping main from Sump – Treatment plant to OHSR. Tender fee Rs.10,500/-. EMD: Rs.2,00,000/-. PAC: Rs.653.14 Lakhs (Working Charges: Rs.648.94 lakhs, Maintenance Charges -Rs 4.20 lakhs) Last date of submission of tender: 30.06.2017 up to 5.00 PM. Visit: www.etenders.kerala.gov.in, Phone No: 0469-2600162. E-mail ID: sephctvla@gmail.com sd/-GL-6/104/2017-18 SUPERINTENDING ENGINEER SUPERINTENDING ENGINEER सीएसआईआर-केन्द्रीय चर्म अनुसंधान संस्थान

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्) (Council of Scientific & Industrial Research) अडयार, Adyar, चेन्नै Chennai-600 020) तमिलनाडु Tamil Nadu, भारत India Tel: 2443 7162, 2491 0774 Fax: 24455926 Web: www.clri.org **INVITATION FOR BIDS / NIT** Director CSIR-CLRI invites Tenders under Two Bid System for

P. H. CIRCLE, PATHANAMTHITTA, THIRUVALLA, e-TENDER NOTICE

the procurement, installation, satisfactory demonstration and Training of the following equipment from original equipment Manufacturers, Foreign Principals and Indian Agents enlisted with DGS&D for their principals. Bid Security

No.	Tender No.	Description of Items	Qty	(EMD)
01.	7(600)/2016/Pur/T-20	Bio-Diesel Plant using Leather Fleshing Waste, Chamois Leather, Fish Oil and Slaughter House Waste	1 No.	Rs.37,500/-
Tender Closing Date & Time : 21st June 2017 upto 12.00 P.M. (IST)				

Tender Opening Date : 21<sup>st</sup> June 2017 at 3.00 P.M. (IST) A Pre-Bid Conference will be held at 11.00 a.m. on 7th June 2017 in AcSIR Meeting Room. All Interested bidders are requested to attend. Modification if any in the Tender Document after the Pre-Bid Conference would be hosted on the website only. The tender document can be downloaded from our website

www.clri.org under Tenders. STORES & PURCHASE OFFICER

6-6-8/32 & 395E, Kavadiguda Main Road, Secunderabad - 500 080. Tele Fax : 040-2754 6649 पावरग्रिङ

POWER GRID CORPORATION OF INDIA LTD

Regional Head Quarters, Southern Region- I,

(A Government of India Enterprise)

CORRIGENDUM TO NOTICE INVITING TENDER (Under e-Procurement) (Ref. SR-I/C&M/NIT-09/17 dated 07.04.2017) 1. Civil works for construction of stores Estmd cost: Rs.48.44 Lakhs buildings at Maheshwaram substation. Document cost: Rs. 2000/-Estmd cost: Rs. 48.15 Lakhs 2. Civil works for construction of stores Document cost: Rs. 2000/-

buildings at Nizamabad substation. 3. Civil works for construction of stores Estmd cost: Rs. 48.15 Lakhs buildings at Vemagiri substation.

Civil works for construction of stores buildings at Srikakulam substation.

5. Civil works for construction of stores buildings at Kadapa substation.

Estmd cost : Rs. 48.15 Lakhs Document cost: Rs. 2,000/-E M D: Rs.96.000/-1. POWERGRID invites online bids through e-portal https://pgcileps.buyjunction.in. Also kept available all bid documents on our website www.powergridindia.com. 2. Downloading of bidding documents:

EMD: Rs.96.000/-

E M D : Rs.96,000/-

E M D : Rs. 97,000/-

Document cost: Rs. 2000/-

Estmd cost : Rs. 48.44 Lakhs

Document cost: Rs. 2000/-

from 24.05.2017 to 09.06.2017. 3. Dead line for Bid submission - soft & hard copy part - Upto 09.06.2017 (1100hrs) & first Envelope shall be opened on the same day of the deadline for Bid submission at 11:30 hrs onwards. 4. A pre-bid conference shall be held on 01.06.2017 (1130hrs). 5. For further details, contact, AGM(C&M), POWERGRID, Kavadiguda - 040-27546649.

Registered Office: B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110 016 porate Office: "Saudamini", Plot No.2, Sector-29, Near IFECO Chowk, Gurgaon (Harvana)-122 00:

POWERGRID - One Nation - One Grid - One Frequency

## **SKMF**

#### Karnataka Cooperative Milk **Producers' Federation Limited** KMF Complex, Dr. M.H. Marigowda Road, Bangalore-560 029

Tel: 26096832 / 26096854 / 26096877. Fax: 080-25536105. Email: purchase@kmf.coop

IFT No.KMF/CFRM-292/2017-18 Date: 20.05.2017

#### SHORT TERM TENDER NOTIFICATION (Through e-Procurement Portal GOK Only) The Karnataka Milk Federation, invites Tenders from eligible Tenderers for supply of following Mineral

Salts as stipulated below.

SI.	Raw Materials	Mineral Salts Requirement in MTs				
No.	Raw Materials	Rajanukunte CFP	Gubbi CFP	Dharwad CFP	Hassan CFP	Shikaripura CFP
1	DI-CALCIAM PHOSPHATE (DCP)	820	1000	600	1050	687
2	COBALT SULPHATE	0.5	0.5	0.5	0.5	0.5
3	COPPER SULPHATE	10	15	10	-	7.5
4	FERROUS SULPHATE	10	15	7.5	10	11
5	MAGNESIAM OXIDE	105	135	60	140	100
6	MANGANESE SULPHATE	3	-	2.5	5	3.5
7	POTASSIUM IODIDE	0.2	0.4	0.2	0.25	0.5
8	SODIAMTHIO SULPHATE	19	25	15	15	20
9	ZINC SULPHATE	55	81	45	75	38
10	IODISED SALT	-	175	95	200	51
11	CALCITE POWDER	-	-	-	-	195

Tender documents may be downloaded from e-Procurement website https://eproc.karnatka.gov.in/. Interested tenderers may participate in the tender by logging on the website www.eproc.karnataka.gov.in. Also may contact Help line No: 080-23010900 / 23010901, email hphelpdesk.blr@intarvo.com. The KMF will not be held responsible for the website problems

Tenders must be accompanied by security of the amount specified in the tender document, drawn in favour of e-procurement Government of Karnataka, Earnest money deposit will have to be in any one of the forms as specified in the Tender document and shall have to be valid for 45 days beyond the validity of the tender.

Date of Commencement of Tender	22.05.2017
Last date for submission of Tender	20.06.2017 at 12.00 Hours
Date of opening Tender	22.06.2017 at 12.05 Hours

Further details may be obtained from KMF website, www.kmfnandini.coop

like, last date of submission, non-receipt of the same & if any.

For KARNATAKA MILK FEDERATION LTD. DIRECTOR (PURCHASE)



Superintending Engineer, I & CADD., Kaleshwaram Project Construction Circle. No.1. Siddipet.

NOTICE INVITING TENDER NTPC Mouda invites e-tenders from eligible Domestic bidders, for the following Works/Supply: SI. No. NIT No.

Name of the Work/Procurement/ Sale of Tender Documents 01. 40075532 Painting, Welding and Grating Works of Offsite Structures of Mouda Stage-I 26.05.2017 to 16.06.2017 02. 40075533 Painting, Welding and Grating Works of MPH Structures of Mouda Stage-I 26.05.2017 to 16.06.2017 03. 40070593 Supply & installation

of CCTV System 26.05.2017 to 16.06.2017 04. 40073628 Roof Treatment Work on Township Residential Buildings

29.05.2017 to 19.06.2017 All the tenders shall be on single stage two envelope bidding basis. For detailed NIT & QR of individual tender, please visit our website www.ntpctender.com or www.ntpc.co.in or may contact AGM (C&M), NTPC Mouda on 07115 - 281176 or at the address mentioned above. Amendment/Corrigendum to this NIT shall be available on our website www.ntpctender.com sonly and shall not be published in press advertisement ই Registered office: NTPC Bhavan,

SCOPE Complex, 7, Institutional Area, Lodi Road, New Delhi - 110003. CIN: L40101DL1975GOI007966

Leading the Power Sector

## CENTRAL PUBLIC WORKS DEPARTMENT NOTICE INVITING E-TENDERS

NIT No.03/EE/HCD-IV/2017-18

SE's NIT No.03/SE/HCC-II/2017-18 The Executive Engineer, HCD-IV, CPWD, Hyderabad on behalf of President of India invites online Percentage Rate Composite Bid from approved and eligibl contractors of CPWD (Composite Category) Class I and above in ope bid system for the following work Name of work: "Vertical Extension of Girls Hostel (First Floor an Second Floor) including interna water supply, Sanitary Installation and Electrical works Providing IEI 8 Fans, including Power Wiring, Fire Extinguishers & Hose reels for Sata vahana University at Karimnagar. Estimated Cost Put to Tende (ECPT): Rs.7,01,81,705/-, Civ (Major Component) Work Rs.6,70,53,661/-, Electrical Wor (Minor Component): Rs.31,28,044/-Earnest Money Deposit (EMD): Rs.14,03,634/-, Period of Completion: **360 Days**, Last Time and Date of Submission of Bid: 15:00 hours on 07-06-2017. The bid forms and other details car

be obtained from the website www.tenderwizard.com/CPWD. The press notice is also available www.eprocure.gov.in & www.cpwd.gov.in.



भारत सरकार/GOVERNMENT OF INDIA, अंतरिक्ष विभाग/DEPARTMENT OF SPACE, सतीश धवन अंतरिक्ष केंद्र शार, SATISH DHAWAN SPACE CENTRE SHAR श्रीहरिकोटा - 524 124 श्री पोट्टी श्रीरामलू नेल्लूर जिला, (आध्र प्रदेश)

Sriharikota 524 124, Sri Potti Sriramulu Nellore Dist., (A.P) निविदा सूचना संदर्भ सं. शार/वरि एचपीएस/पीटी/03/2017-18 Tender Notice Ref.No.SHAR/Sr. HPS/PT/03/2017-18 भारत के राष्ट्रपति की ओर से, प्रधान, क्रय एवं भंडार, सतीश धवन, अंतरिक्ष केंद्र शार, श्रीहरिकोटा सेऑनलाइन कोटेशन आमंत्रित हैं / On behalt

of President of India, Head, Purchase & Stores, Satish Dhawan Space Centre SHAR, SRIHARIKOTA invites online quotations.

ds le	क्र. स. SI.No.	फाइल सं. File No.	मद का विवरण Item Description
te en k:	1	शार एसपी / SHAR SP 2017 00 5546 ई-प्रापण (दो भाग के आधार पर) e-procurement [Two part basis]	एसपीआरओबी, एसडीएससी शार, श्रीहरिकोटा में नए एपीजीडी तथा ऑटोक्लेव के लिए फायर प्रोटेक्शन सिस्टम / Fire Protection system for new APGD and autoclave in SPROB, SDSC SHAR, Sriharikota
on nd al ns <del>&amp;</del>	2	शार एमएसए / SHAR MSA 2017 00 5802 ई-प्रापण (एकल भाग के आधार पर) e-procurement [Single part basis] (पुन:संविदा / Retender)	डिजाइन एवं ड्राफिटंग पर्सन एवं डॉक्यूमेंट प्रिंटिंग की सप्लाई हेतु दर अनुबंध / Rate Contract for Supply of Design and Drafting Person & Document Printing.
re ta r."	3	शार एलएस / SHAR LS 2017 00 5914 ई-प्रापण (दो भाग के आधार पर) e-procurement [Two part basis]	ईएसपीएस के लिए फैब्रिकेशन अनुबंध/ Fabrication Contract for ESPS
er /il :): rk	4	शार सीएमडी / SHAR CMD 2017 00 5997 ई-प्रापण (दो भाग के आधार पर) e-procurement [Two part basis]	यूनिफाइड एसी प्लांट के लिए चिल्ड वाटर पाइप लाइन कार्य/ Chilled Water Pipe Line work for Unified AC Plant

11kV/433V Distribution Transformer e-procurement [Two part basis] जमा करने की विधि: ऑनलाइन कोटेशन 📝 Mode of Submission: On line Quotations निविदा का मूल्य: ईजीपीस द्वारा जमा किए गए निविदाओं के लिए निविदा राशि लागू नहीं होगा। 🗸

Tender Value: No tender fee shall be applicable for tenders submitted through EGPS

इच्छुक निविदाकार इसरो ई-प्रापण वेबसाईट <u>https://eprocure.isro.gov.in</u> से ई-निविदा डाउनलोड कर सकते हैं एव ई-प्रापण पोर्टल में अपने प्रस्ताव

ई-प्रापण (दो भाग के आधार पर)

शार सीएमडी / SHAR CMD 2017 00 6033 वि. ११००केवीए, ११केवी / ४३३वोल्ट डिस्ट्रीब्यूशन ट्रांसफार्मर की सप्लाई, स्थापना, टेस्टिंग तथा चालू

करना।∕ Supply, Installation, Testing and Commissioning of 1600kVa,

जमां कर सकते हैं। डाक / कोरियर / व्यक्तिगत रूप से भेजे गए प्रस्ताव पर विचार नहीं किया जाएगा / Interested tenderers can be downloaded the e-tender from isro e-procurement website https://eprocure.isro.gov.in and offer submitted on line in the e-procurement portal. Offers sent physically by post/courier/in person will not be consider दिनाक / Dt.: 23.05.2017 वरि. प्रधान, क्रय एव भंडार /Sr. HEAD, PURCHASE & STORES