

# Polio virus new weapon in fight against cancer

One of the world's most dreaded viruses has been turned into a treatment to fight deadly brain tumours. Survival was better than expected for patients in a small study who were given genetically modified polio virus, which helped their bodies attack the cancer, doctors report.



**UNLIKELY SAVIOUR?** Many patients given genetically modified polio virus, which helped their bodies attack the cancer, seemed to have a long-lasting benefit.

It was the first human test of this and it didn't help most patients or improve median survival. But many seemed to have long-lasting benefit: About 21% were alive at three years versus 4% in a comparison group of previous brain tumour patients.

Brain tumours called glioblastomas often recur after initial treatment and survival is usually less than a year. Doctors at Duke University

wanted to take advantage of the strong immune system response polio spurs to try to fight cancer.

With the help of the National Cancer Institute, they modified polio virus so it would not harm nerves but still infect tumour cells.

The one-time treatment is dripped directly into the brain through a thin tube. Inside the tumour, the immune system recognises the virus as foreign and attacks.

The study tested the modified polio virus on 61 patients whose tumours had recurred after initial treatments. Median survival was about a year, roughly the same as for a small group of similar patients given other brain tumour treatments at Duke. After two years, the polio virus group started faring better.

Eight of the 35 patients who were treated more than two years ago were alive as of March, as were five out of 22 patients treated more than three years ago.

Stephanie Hopper (27) of South Carolina was the first patient treated in the study in May 2012. "I believe that it was the cure for me," she said.

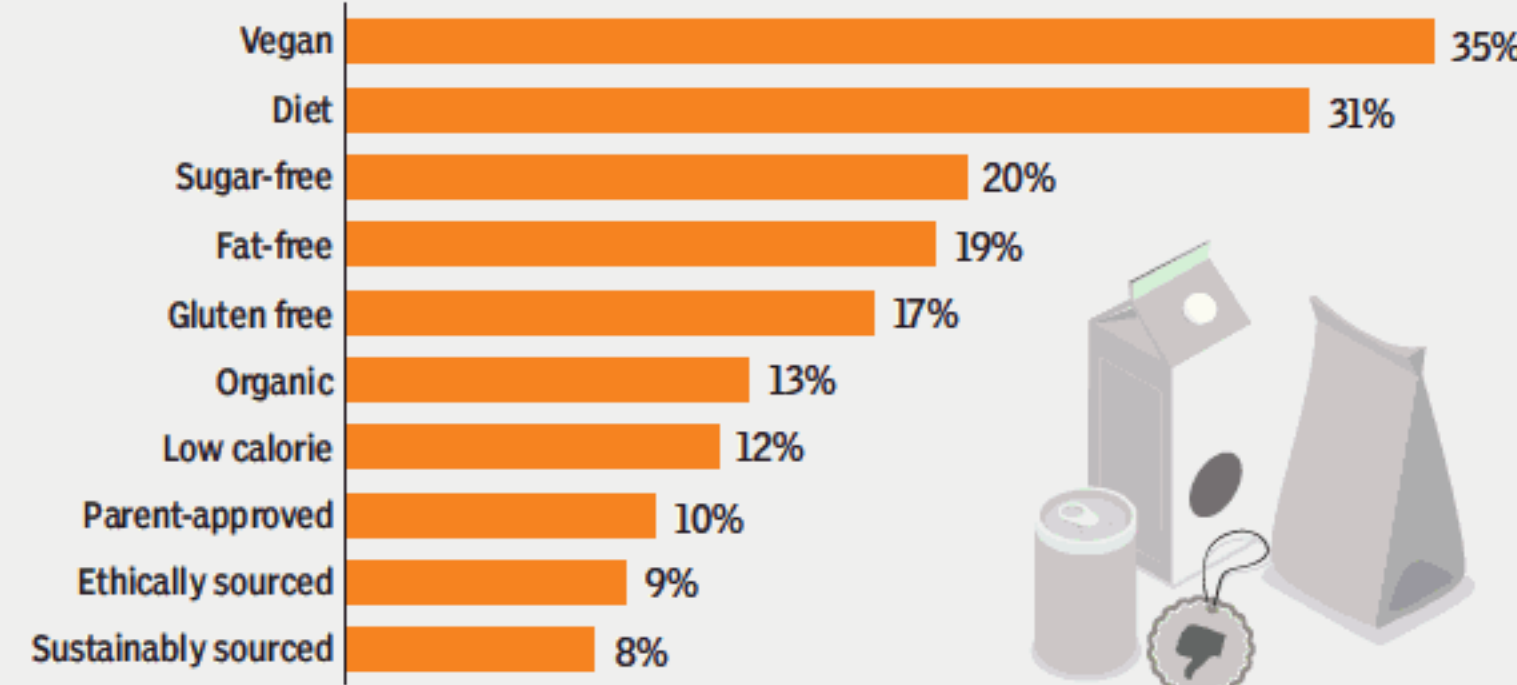
Her only lasting symptom has been seizures, which medicines help control. "Most people wouldn't guess that I had brain cancer," AP

# DIET, SUGAR-FREE TAGS MAKING FOOD PACKETS UNATTRACTIVE?

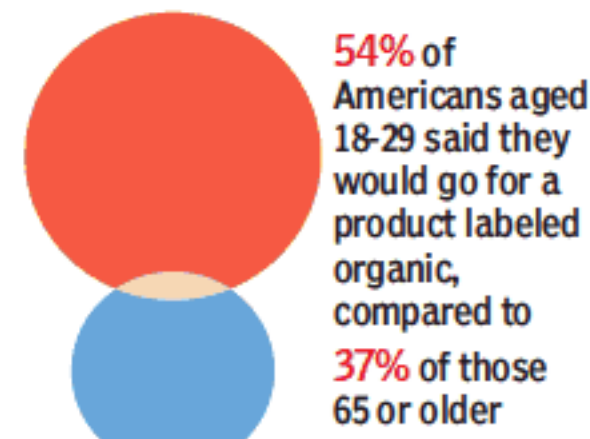
For those who feel health and fitness concerns should inform the modern consumer's food choice at a supermarket, there is news that tags like 'diet', 'sugar-free' and 'fat-free' on food packets actually turn customers away...

## Words That Make Groceries Less Appealing

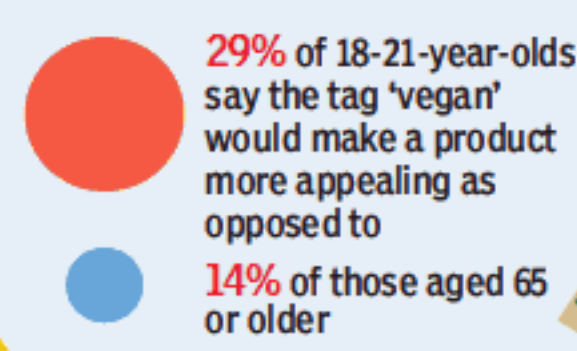
% in the U.S. saying that the following words/phrases make grocery products less appealing



## Younger buyers like organic better



## Vegan for Gen Z



**Better 'Fresh' Than 'Fat-Free'**

The terms 'fresh' and 'farm-fresh' most desirable labels on food packets for young, old, wealthy, poor buyers alike

Source: Statista, Consumer Trends in the Food and Beverage Industry study by Morning Consult; Graphic: Deepthi Singh

# 'Space kingdom' seeks citizens for the moon

Vienna: Feel like the world is going to the dogs? Want to get away from it all? Here's a solution: become a citizen of the nation of Asgardia and hope it makes good on its promise to colonise the moon. Asgardia was founded just 20 months ago, and it already has about 2,000 citizens, a constitution and an elected parliament. It has a leader, Igor Ashurbeyli, who was inaugurated on Monday.

It wants to build up a population of 150 million in 10 years. It plans to set up 'space arks' with artificial gravity in outer space where humans could live permanently.

Ashurbeyli, a Russian engineer, computer scientist and businessman, said, "We have thus established all branches of government. I can declare with confidence

that Asgardia — the first space nation of the united humankind — has been born."

Asgardia — named after Asgard, a world in the sky in Norse mythology — says its citizens now live in more than 200 countries, outnumbering the United Nations' 193 member states. Becoming a citizen online is free.

It wants to attract the 2% of the world's population that is "most creative". Asked how that was working out so far, Ashurbeyli said, "Citizenship selection will continue. It might even involve IQ tests." He said he intends to have satellites providing Internet access around the globe in five to seven years, space arks operating in 10 to 15 years, and to establish a permanent settlement on the moon within 25 years. REUTERS

## SHORT CUTS

### Taking piano lessons can boost language skills in children

Taking music lessons, especially piano, can improve language skills in kindergartners, MIT scientists have found. Many studies have shown that musical training can enhance language skills. However, it was unknown whether music lessons improve general cognitive ability, leading to better language proficiency, or if the effect of music is more specific to language processing. Researchers found that piano lessons have a very specific effect on kindergartners' ability to distinguish different pitches, which translates into an improvement in discriminating between spoken words. "The children didn't differ in the more broad cognitive measures, but they did show some improvements in word discrimination, particularly for consonants. The piano group showed the best improvement there," said Robert Desimone, from MIT.

# US eateries can't afford waiters. So they're putting diners to work

**Emily Badger**

San Francisco: Souvla, a Greek restaurant with a devoted following, serves spit-roasted meat two ways: in a photogenic sandwich, or on a photogenic salad, either available with a glass of Greek wine. The garnishes are thoughtful: pea shoots, harissa-spiked yogurt, mizithra cheese.

The small menu is so appealing and the place so charming that you almost forget, as a diner, that you have to do



NOT EXACTLY SELF-SERVICE

much of the work of dining out yourself. You scout your own table, fetch and fill your own water glass. And if you'd like another glass of wine, you go back to the counter.

Runners will bring your order to the table, but there are no servers to wait on you here, or at the two other San Francisco locations that Souvla has added — or, at other popular restaurants that have opened in the last two years: RT Rotisserie, which is roasting cauliflower a few

blocks away; Barzotto, a bistro serving hand-rolled pasta in the Mission district; and Media Noche, a Cuban sandwich spot with eye-catching custom tilework.

In San Francisco commercial rents have gone up. Labour costs have soared. And restaurant workers, many of them priced out by the expense of housing, have been moving away. Restaurateurs who say they can no longer find or afford servers are figuring out how to do without

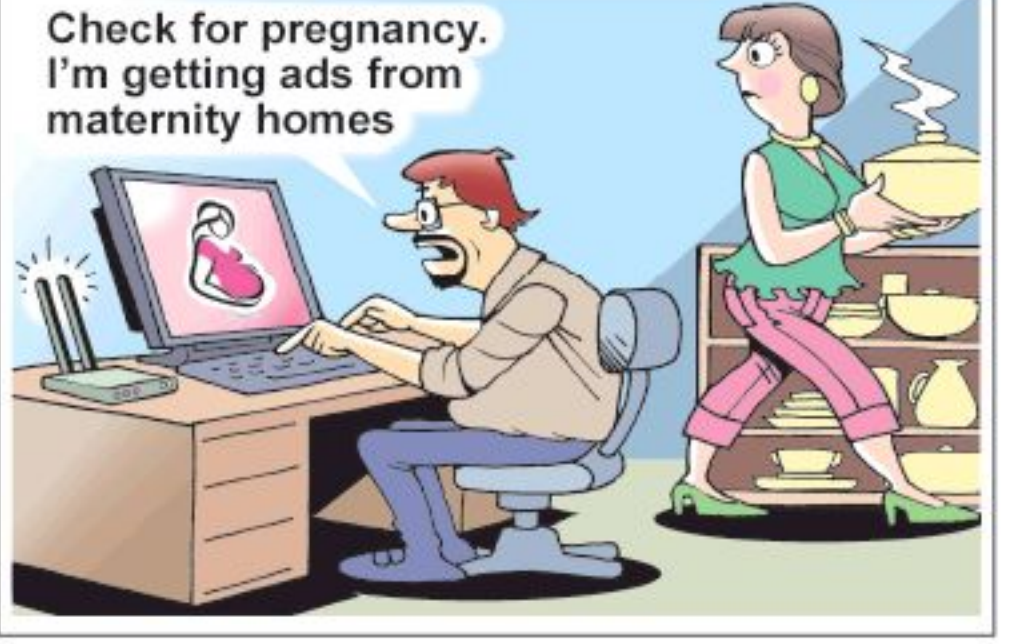
them. And so in this city of staggering wealth, you can eat like a gourmand, with real stemware and ceramic plates. But first you'll have to go get your own silverware.

"Souvla was the beginning of this whole new onslaught of things that look like a full-service restaurant," said Gwyneth Borden, executive director of the Golden Gate Restaurant Association. "But it's 'take a number and go to a table.'"

She regularly hears from restaurateurs considering the model, who want to create the Souvla of Mexican, the Souvla of Italian.

Souvla is apparently to Bay Area restaurants what Uber is to gig-economy startups. Call it fast-fine, they suggest, or fine-casual. Or counter service "in a full service environment". Such hybrid restaurants are spreading to high-cost cities, and they fit what analysts say is growing demand for more flexible dining options. NYTWNS SERVICE

iToons Sunil Agarwal & Ajit Ninan



**REGIONAL PLANT RESOURCE CENTRE**  
Ekamra Kanan, Nayapalli, Bhubaneswar - 751015, Odisha  
FOREST & ENVIRONMENT DEPARTMENT, GOVERNMENT OF ODISHA  
Tel no. 0674-2557925, 2552002, Email : rprcbsr@gmail.com, website : www.rprcbsr.com

No. 1222 / RPRC Date : 25.06.2018  
**Quotation Call Notice for Annual Rate Contract**

Sealed quotation in the prescribed format are invited from reputed manufacturers for the Annual Rate Contract for supply of laboratory chemicals, plasticwares, glasswares, small equipments etc. for the financial year 2018-19. The interested parties may download the prescribed format from RPRC website ([www.rprcbsr.com](http://www.rprcbsr.com)). The sealed quotation super-scribed "Quotation for Annual Rate Contract for supply of Chemicals, consumables and small equipments" should reach to the undersigned on or before 16th July, 2018 (4PM before).  
Sd/-  
Administrative Officer

**GOVERNMENT OF CHHATTISGARH, WATER RESOURCES DEPARTMENT**  
OFFICE OF THE EXECUTIVE ENGINEER  
WATER RESOURCES SURVEY & BARRAGE CONST. DIVISION NO. 01  
KHARSIA DISTT.- RAIGARH (C.G.)

**e-Procurement Tender Notice**  
eProcurement Portal <https://eproc.cgstate.gov.in>  
(SECOND CALL)

**SYSTEM TENDER NO. 38181/NOTICE INVITING TENDER NO. 03/SAC/2018-19 DATED 23.06.2018**  
Online Tenders are invited for the following works up to 09.07.18 (17.30 hours IST).

| System Tender No. | Group No. | Name of Work  | Probable Amount of Contract |
|-------------------|-----------|---|-----------------------------|
| 38181             |           | CONSTRUCTION OF UPANI SAKRALI SUBMERSIBLE BRIDGE ON BORAI RIVER | Rs. 1505.296 Lakhs          |

The Details can be viewed & downloaded online directly from the Govt. of Chhattisgarh Integrated e-Procurement portal (<https://eproc.cgstate.gov.in>) from dated 29.06.2018 at 17.31 hours (IST) onwards.  
Note: All eligible/interested contractors/bidders are mandated to get enrolled on the integrated e-Procurement portal (<https://eproc.cgstate.gov.in>) and get approval on specific vendor class from PWD under centralized contractor/supplier registration in order to download the tender documents and participate in the subsequent bidding process.  
Sd/- Executive Engineer  
Water Resources Survey & Barrage Const.  
Division No. 01 Kharsia Distt.-Raigarh (C.G.)  
G-52896

**DELHI URBAN SHELTER IMPROVEMENT BOARD**  
Govt. of NCT of Delhi (Housing Branch)

**Attention/Important Notice**  
**For waitlisted Registrants of 1985 Residential Flats Registration Scheme**

Government of NCT of Delhi has decided to offer built up flats at Savda Ghevra (Nangloi Area), to the waitlisted Registrants of 1985 Residential Flats Registration Scheme (The then Slum & JJ Department, DDA). Interested waitlisted Registrants may submit their consent in this regard by **17.08.2018**. Format of Consent Letter, Affidavit and other information related to terms & conditions of allotment are available on the website of DUSIB i.e. [delhishelterboard.in](http://delhishelterboard.in). In the case of any difficulties, Applicant may contact officer of Dy. Director (Housing) at B-3 Vikas Kutir I.P. Estate, New Delhi - 110002.  
(V.P. Jha)  
Dy. Director (Housing)  
Ph.: 011-23378419

**GOVT. OF NCT OF DELHI**  
**HOME DEPARTMENT/DOP BRANCH**  
**5<sup>TH</sup> LEVEL, C-WING, DELHI SECRETARIAT**  
**I.P. ESTATE, NEW DELHI**

F.11/47/2017/DOP/HP-IIB/218 Dated: 13/6/18

**ADVERTISEMENT**

Applications are hereby invited for appointment of 23 Assistant Public Prosecutors **purely on contract basis** for a period of six months or till the regular recruitment of Assistant Public Prosecutors is made by UPSC, whichever is earlier, to function in the Directorate of Prosecution, Govt. of NCT of Delhi. The detailed terms and conditions of the contractual appointment and the application form can be downloaded from the Delhi Govt. website i.e. <http://delhi.gov.in/> or Home Department website. The applications can be submitted to the Director, Directorate of Prosecution, Room No. 172, Tis Hazari Court Complex, Delhi-110054 on the working days of the department.  
**The last date of submission of application is 12<sup>th</sup> July 2018 upto 5.00 PM. Any application submitted/received thereafter will not be entertained.**

Sd/- (O.P. MISHRA)  
ADDITIONAL SECRETARY (HOME)

DIP/Shabdarth/0816/18-19

सं. 123/10/2017-NSM  
भारत सरकार  
**/GOVERNMENT OF INDIA**  
नवीन और नवीकरणीय ऊर्जा मंत्रालय  
**/MINISTRY OF NEW & RENEWABLE ENERGY**

**Re-advertisement for filling up one post of Director (Solar) in Solar Energy Corporation of India (SECI) Ltd.**

A reference is invited to the advertisement issued in National Dailies on 05.03.2018 and in Employment News/Rozgar Samachar (17th -23rd March 2018) and the details hosted on this Ministry's website in this regard. In supersession of that advertisement, the Ministry of New & Renewable Energy invites applications from suitable candidates from Central Public Sector Enterprises (CPSEs)/Central Government (including Armed Forces of the Union/All India Services)/State Public Sector Enterprises (SPSEs)/Private Sector for filling up one post of Director (Solar) in the Pay Scale of Rs. 75000-1,00,000 (pre revised) on deputation basis, on the lines of PESB Guidelines for appointment of a Director in a Schedule "A" CPSE. All those who have applied in response to the previous advertisement, need not apply again and their applications will be taken up for consideration if they eligible as per the new qualifications/age/experience etc.

2. The detailed eligibility criteria/qualification, experience and other relevant requirements along with the procedure for submission of application for recruitment of Director (Solar), SECI can be downloaded from the MNRE website [www.mnre.gov.in](http://www.mnre.gov.in)

3. The application in the prescribed format enclosing self attested photocopies of documents in support of educational qualifications, age and experience etc. may be sent to the undersigned through proper channel so as to reach by 4.00 P.M. on 31.07.2018.

4. For candidates residing in Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Ladhak Division of Jammu and Kashmir State, Lahaul & Spiti District and Pangi Sub-division of Chamba District of Himachal Pradesh, the Union Territory of Andaman & Nicobar Island and Union Territory Lakshadweep Island, the applications must reach to the undersigned by 4.00 P.M. on 16.08.2018.

(Devendra Singh)  
Under Secretary to the Govt. of India  
Phone No. 24360625

davp 28101/11/0006/1819

**राष्ट्रीय इस्पात निगम लिमिटेड**  
**RASHTRIYA ISPAT NIGAM LIMITED**  
(A Government of India Enterprise)

**VISAKHAPATNAM STEEL PLANT**  
WORKS CONTRACTS DEPARTMENT  
OPEN TENDER RfX No.2600002545 DT:22.06.2018

WORK: Mechanical Maintenance & Repair of BF-3 Equipment (Furnace, PCI, Stoves, Planning, Cooling & Shift Maintenance), Package-1, #BF-3.

• Submission deadline date&time:Before 3.00PM on 24.07.2018  
• Bid Opening date&time:After 3.30PM on 24.07.2018  
Email:warlu@vizagsteel.com, cell:9441400075 DGM(WC)/C

For more details & corrigendums please visit regularly [www.vizagsteel.com](http://www.vizagsteel.com), <http://www.eprocure.gov.in/epublish>

**Railway Energy Management Company Limited (REMCL)**  
(A Joint Venture of Indian Railways and RITES Limited)

**NOTICE INVITING TENDER**  
NIT No.: REMCL/CO/Wind/54MW/CR

Sub: Setting up of 54 MW Grid-Connected Wind Power Project in the State of Maharashtra.

REMCL, for and on behalf of Central Railway (CR), invites bids from developers/power producers who fulfil qualifying criteria stipulated in the bid document for "Procurement of Wind Power through tariff based bidding for consumption of CR in the state of Maharashtra".

EMD: Rs. 10.0 Lacs per MW Due Date of Submission: 06.08.2018 (14:00 Hrs.)

Bid documents may be downloaded from the web site <https://www.tcil-india-electronic-tender.com> or may be purchased from the office of REMCL at RITES Bhawan, Plot No. 1, Sector-29, Gurgaon 120011, Phone No.- 0124-2818748; on payment of Rs. 11,800/- non-refundable bid cost in the form of a DD/Bankers's Cheque in favour of Railway Energy Management Company Limited payable at Gurgaon on any working day.

Amendment/Corrigendum, if any, would be hosted on the <https://www.tcil-india-electronic-tender.com> website only. Chief Executive Officer, REMCL

**राष्ट्रीय इस्पात निगम लिमिटेड**  
**RASHTRIYA ISPAT NIGAM LIMITED**  
(A Government of India Enterprise)

**VISAKHAPATNAM STEEL PLANT**  
MARKETING DEPARTMENT-BRANCH SALES OFFICE  
B-5, 1st Floor, Shree Ravi Shankar Plaza, RDC, Raj Nagar, Ghaziabad-201001, Ph.0120-2752618,2752619,2754325  
Email:rinighaziabad@gmail.com,ghaziabad\_bso@vizagsteel.com

Notice Inviting Expression of Interest(EOI)  
VSP/Mktg/EOI-Lease/GZB/2018-19/01, dt:26.06.2018

RIN/VSP, Visakhapatnam, invites EOI for acquisition of office premises on lease preferably newly built with adequate three phase power, generator back-up, water, lift and parking space for its office at Ghaziabad.

• Location:RDC-Raj Nagar and Navvug Market, Ghaziabad  
• Carpet area: 2500Sq.Ft.(+/-20%)

All details are available at [www.vizagsteel.com](http://www.vizagsteel.com) & also be obtained from the office of the undersigned. • Last date for submission: 18.07.2018 by 3.00pm.  
Contact:Shri Amit Gupta, Sr.Branch Manager,Cell:9818849920

For more details & corrigendums please visit regularly [www.vizagsteel.com](http://www.vizagsteel.com), <http://www.eprocure.gov.in/epublish>

**Bangalore Metro Rail Corporation Limited**  
(A Joint Venture of GoI & GoK)

e-Mail: [contracts@bmrc.co.in](mailto:contracts@bmrc.co.in) Website: [www.bmrc.co.in](http://www.bmrc.co.in)  
No: BMRC/Phase-2/Reach-6/UG/TNL&STN/(R6-CC-02)-RT 03/2018/38  
Dated 26.06.2018

**Tender Notification**

On behalf of Managing Director, BMRC/ General Manager (Contracts) invites Sealed Tenders for the work of "Design & Construction of Underground structures (Tunnels & Stations) of length 2.884 Km (approx.) from Shivajinagar Station (excluding) to Tannery Road Station (excluding) (Chainage 13938.328 m to 16822.521 m) including allied works and 2 Nos of UG Metro Stations viz Cantonment and Pottery Town in Reach-6 line of Bangalore Metro Rail Project, Phase-2". Estimated value of work: INR 1105.42 Crores.Tender Security amount: INR 11.06 Crores.Sale of tender documents (online only) from 26.06.2018 to 07.08.2018. Date and Time of Submission of Tenders: 07.09.2018 from 11.00 Hrs to 15.00 Hrs (IST). Date & Time of opening of Tenders: 07.09.2018 at 15.30 Hrs (IST). Cost of Tender Document: INR 56,000/-. For more details visit our website [www.bmrc.co.in](http://www.bmrc.co.in) from 26.06.2018.  
Sd/- General Manager (Contracts)