

TANGENTS

BY IHTISHAM KABIR



The sun rising over Sundarban.

PHOTO: IHTISHAM KABIR

The Sun and Photography

While the moon may be more beautiful and certainly more romantic, it is the sun's energy that sustains life on earth. We take this for granted but an example is illuminating. A pond the size of one acre receives 4500 kilowatts from sunshine during a sunny day. This energy gives rise to a complex chain of life forms in the water, from algae to aqueous plants to tiny insects to bigger insects to fish, frogs, snails, et cetera. The food chain, where the larger living creature lives by eating the smaller one, starts with the power of the sun.

Of course, all our crops and farming depend on sunlight as trees use photosynthesis to convert the sun's energy into food. We are fortunate to be in the tropics with abundant sunshine all year. But those places in the far north or south do not receive much sunlight during their winter. They have adapted by growing the maximum possible during summertime, when the sun shines almost non-stop. Thanks to long summer days with 19 or more hours of sunshine, Alaskan farmers, for example, grow 1000-pound pumpkins, 130-pound cabbages, 35-pound broccolis and 65-pound cantaloupes.

When photographing outdoors, I must pay attention to the way the sun's rays light up our world. Sunlight has infinite variations in quality, even on a clear cloudless day. The most obvious is the angle of light. The sun's rays in early morning and late afternoon, as the sun rises and sets, strike the world around us at an angle. This light reveals more details on the surface of the subject being photographed, be it a

person, a bird or a car. At midday, however, the sun is directly overhead and its rays strike only the top of the subject – a person's head or a building's roof. This casts shadows on other parts of the subject. Thus, for example, a person photographed outdoors at noon will appear to have dark cavities around his or her eyes – a decidedly unappealing look.

For photographers, the hour after sunrise and the hour before sunset – when sunlight has the most appealing qualities – is known as the Golden Hour, such is its charm. In addition to the angle, the sun's rays at this time also have a warm glow and a diffuse quality, allowing fuzzier shadow outlines, resulting in a pleasing photograph.

There are also more subtle seasonal variations of the quality of sunlight. When the air is dry, a bright sunny day's light is clear and vibrant. This is an advantage for the photographer in spring and summer. But moist days bring haze when numerous tiny droplets of water conspire against the photographer. The rays of the winter sun have less energy and susceptible to fog and haze, two enemies of the photographer seeking sharp photographs.

Most of us do not always have to think of the sun's bounty, even with the knowledge that life on earth would cease to exist without it. But when one wants make a good photograph outdoors, one must carefully and constantly watch and evaluate the sun's light.

www.facebook.com/ikabirphotos or follow ihtishamkabir on Instagram

HerStories: An inspiration for all

STAFF CORRESPONDENT

The increasing incidents of violence against women and children have made the parents scared of letting their kids stay out at night for long, said Cultural Affairs Minister Asaduzzaman Noor yesterday.

"Women would not have to face such problems if men were cooperative," he said while speaking at a book launching ceremony during the second day of Dhaka Lit Fest.

The minister unveiled the cover of the book titled, "HerStories: Adventures of Supergirls", as the chief guest at a ceremony held in the Bangla Academy auditorium.

The book, a collection of illustrated stories for children, was written based on the lives of 20 extraordinary women in the country, who are pioneers and successful in their own arenas.

The minister said women can move forward if they and their counterparts work together.

About the book, he said, "All the write-ups are important and will inspire us all."

Zareen Mahmud Hosein, founder of HerStory Foundation, said the book also aims to inspire future generations.

"It started with the narration of a little girl named Amiya, who tells the stories of those legendary women," said Zareen, one of the editors of the book.

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NATIONAL ELECTION



Non-party admin a must: Fakhrul

STAR REPORT

BNP Secretary General Mirza Fakhrul Islam Alamgir yesterday spoke of materialising a "non-party supportive government" for the next elections through a tough movement.

"The upcoming general election must be held under a supportive government," he said after placing a wreath at the grave of Maulana Abdul Hamid Khan Bhasani at Santosh in Tangail, marking the 41st death anniversary of the legendary politician.

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Hasina-led govt to stay: Anisul

OUR CORRESPONDENT, Brahmanbaria

Law Minister Anisul Huq yesterday said the next parliamentary election will be held under the present government according to the constitution.

"But, the election will be conducted by the Election Commission," he said.

The law minister was addressing as the chief guest a public meeting marking inauguration of new electricity connection in Kalinagar village of Akhaura upazila in Brahmanbaria.

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Guests at the unveiling ceremony of the book "HerStories: Adventures of Supergirls" at the Bangla Academy auditorium in the capital yesterday. The book, based on the lives of the country's 20 extraordinary women, was launched during the second day of Dhaka Lit Fest. From Left, Seuty Sabur, a teacher of Brac University; Madiha Murshed, managing director of Scholastica Group; Nayma Haque and Tamanna-E-Lutfi, first female combat pilots of Bangladesh Air Force; Nishat Majumder, first Bangladeshi woman to conquer Mount Everest; and Mabiha Akter Simanta, a gold medalist weightlifter.

PHOTO: STAR

NEWSIN brief

Six-day conference on intellectual disabilities begins today

STAFF CORRESPONDENT

The 23rd conference of Asian Federation on Intellectual Disabilities 2017 will begin today at Bangabandhu Sheikh Mujibur Rahman Novo Theatre in Dhaka.

Themed "Acceptance, accessibility, inclusion: A key towards sustainable development", the six-day programme will be inaugurated by President Abdul Hamid.

The conference was organised by Society for the Welfare of the Intellectually Disabled, Bangladesh.

N'ganj Jamaat chief, deputy held

OUR CORRESPONDENT, N'ganj

Police yesterday arrested 13 leaders and activists of Jamaat-e-Islami allegedly for plotting subversive activities.

The arrestees include Narayanganj city Ameer Maulana Moinuddin Ahmed and general secretary Abdul Quaium, said Fatullah Police Station Officer-in-Charge Kamal Uddin.

On information that a group of Jamaat men were holding a clandestine meeting, police raided the Ameer's Fatullah house and arrested them, he said.

Photo contest kicks off in Ctg

STAFF CORRESPONDENT, Ctg

With a view to depict the heritage, culture, nature and lifestyle of greater Chittagong region, a month-long photography contest titled, "Portrait of Chittagong", kicked off yesterday.

Aamra Chattagram, a Chittagong-based organisation, is arranging the contest. Enthusiasts can email their submissions till December 17 to aamra.chattagram.bd@gmail.com. The Daily Star supplement Star Youth, local daily Dainik Azadi and Channel 24 are the media partners of the event.

Death anniversary of Manzur Hasan

CITY DESK

Today is the third death anniversary of Manzur Hasan Minto, a footballer and commentator.

On the occasion, a milad mahfil will be held at his residence, says a press release. Minto was also general secretary of Bangladesh Badminton Federation. He was a senior government official and retired as a tax commissioner. In 2014, Minto died in Jaipur on his way to Azmir Sharif.



যমুনা অয়েল কোম্পানী লিমিটেড

(বাংলাদেশ পেট্রোলিয়াম কর্পোরেশনের একটি সাবসিডিয়ারী)

যমুনা ভবন, আগ্রাবাদ, চট্টগ্রাম

রাবার হোস পাইপ ক্রয়ের দরপত্র বিজ্ঞপ্তিঃ-৩৪/২০১৭-১৮

১।	মন্ত্রণালয়/বিভাগ	৪।	বিন্দু, জ্বালানি ও খনিজ সম্পদ মন্ত্রণালয়/জ্বালানি ও খনিজ সম্পদ বিভাগ।
২।	সংস্থা	৫।	বাংলাদেশ পেট্রোলিয়াম কর্পোরেশন।
৩।	সংগ্রহকারী প্রতিষ্ঠান	৬।	যমুনা অয়েল কোম্পানী লিঃ, যমুনা ভবন, আগ্রাবাদ, চট্টগ্রাম।
৪।	মালামালের বিবরণ	৭।	পেট্রোলিয়ামজাত দ্রব্য পরিচালন কার্যে ব্যবহারযোগ্য হেভী ডিউটি রাবার হোস পাইপঃ
		৮।	৩" ডায়া (২৫ দীর্ঘ) : ৫০টি
		৯।	৪" ডায়া (২৫ দীর্ঘ) : ২০টি
		১০।	৬" ডায়া (২০ দীর্ঘ) : ১০টি
			দরপত্র সিডিউলের বিনির্দেশ মোতাবেক।
৫।	দরপত্রের নম্বর	১১।	এজিএমপি/০৭/২০১৭-১৮
৬।	দরপত্র সিডিউলের মূল্য	১২।	টঃ ১০০০.০০ (এক হাজার টাকা)।
৭।	জামানতের পরিমাণ	১৩।	টঃ ২,০০,০০০/= ("যমুনা অয়েল কোম্পানী লিঃ" নামে পে-অর্ডার/ডিডি)।
৮।	সংগ্রহ পদ্ধতি	১৪।	উন্মুক্ত দরপত্র পদ্ধতি, দুই খাম বিশিষ্ট (কারিগরী ও আর্থিক)।
৯।	দরপত্রদাতার যোগ্যতা	১৫।	(ক) প্রস্তুতকারী প্রতিষ্ঠানের স্থানীয় এজেন্ট/আমদানিকারক।
		১৬।	(খ) হালসন ট্রেড লাইসেন্স, আই আর সি, টিআইএন সার্টিফিকেট, ভ্যাট রেজিস্ট্রেশন সার্টিফিকেটের ফটোকপি, প্রস্তুতকারকের মূল অথরাইজেশন লেটার দরপত্রের সাথে সংযুক্ত করতে হবে।
		১৭।	(গ) অন্যান্য যোগ্যতাঃ সিডিউলের শর্তানুযায়ী।
১০।	সিডিউল বিক্রয় স্থান	১৮।	(ক) চীফ ক্যাপিটার, যমুনা অয়েল কোম্পানী লিঃ, আগ্রাবাদ, চট্টগ্রাম।
		১৯।	(খ) ডিজিএম (ঢাকা লিয়াজে অফিস), যমুনা ভবন, ২, কাওরান বাজার, ঢাকা।
১১।	দরপত্র গ্রহণ ও খোলার স্থান	২০।	(ক) ক্রয় শাখা, যমুনা ভবন, আগ্রাবাদ, চট্টগ্রাম।
		২১।	(খ) ডিজিএম (ঢাকা লিয়াজে অফিস), যমুনা ভবন, ২, কাওরান বাজার, ঢাকা।
১২।	দরপত্র গ্রহণের তারিখ ও সময়	২২।	১১-১২-২০১৭ বেলা ০৩.০০ ঘটিকা পর্যন্ত।
১৩।	দরপত্র খোলার তারিখ ও সময়	২৩।	১১-১২-২০১৭ বেলা ০৩.১৫ ঘটিকা।
১৪।	দরপত্র আহ্বানকারী কর্মকর্তার ফোন ফ্যাক্স, ই-মেইল	২৪।	পিএবিএক্সঃ ৭২০১৮১-৩, ২৫২০১৩৪-৮
		২৫।	ফ্যাক্সঃ ৮৮-০৩১-৭১৩২৮৯, E-mail: dgmopsiocl@gmail.com
১৫।	বিশেষ শর্তাবলীঃ		

যে কোন বা সকল দরপত্র কোন প্রকার কারণ দর্শানো ব্যতিরেকে গ্রহণ/বাতিল করার অধিকার কোম্পানী কর্তৃপক্ষ সংরক্ষণ করে। অনিবার্য কারণবশতঃ নির্ধারিত দিনে দরপত্র খোলা সম্ভব না হলে পরবর্তী কার্যদিবসে একই সময়ে ও স্থানে তা গ্রহণ/খোলা হবে। দরপত্র খোলার তারিখে কোন সিডিউল বিক্রয় করা হবে না।

মোহাম্মদ ইকবাল

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Local Government Engineering Department
Construction of Bridge Over Teesta River in Gaibandha Project
(Construction of 1490m Long PC Girder Bridge on Panchpir Bazar-Chilmari Upazila Headquarter Road Over Teesta River at Sundarganj Upazila under Gaibandha District (1st Revised))
RDEC Building, Level-13, Agargaon, Sher-e-Bangla Nagar, Dhaka-1207
www.lged.gov.bd

Memo No. 46.02.0000.736.05.001.17-551

Dated: 16/11/2017

Corrigendum

Due to unavoidable circumstances the following corrigendum has been made to the Invitation of Tender (IFT No. 01/2017-18, Dated: 28/09/2017, Package No. Sundarganj-W01)

SI No.	Description	Existing	Revised
1	Tender document last selling date	Date: 19/11/2017, Time: During office hour	Date: 26/11/2017, Time: During office hour
2	Deadline of tender document receiving	Date: 20/11/2017, Time: 2.00pm	Date: 27/11/2017, Time: 2.00pm
3	Tender document opening date and time	Date: 20/11/2017, Time: 3.00pm	Date: 27/11/2017, Time: 3.00pm

All other terms and conditions will remain unchanged.

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