

## HATIRJHEEL

## Planned tree plantation can enhance beauty

For autumn a large road slope near water body could be chosen for Kash, and Sheuli close by on a relatively higher place. Lotus can be planted in the water bodies. The beauty of lotus in the autumn is unique. Bokful of different colours may also be chosen for some places.

SOURAV MAHMUD

NOT once upon a time, rather just a few decades ago, Dhaka was a beautiful green city. Due to infrastructure and building construction by felling trees, and unplanned plantation to at least partially replenish that, the green views of Dhaka city has already disappeared. Now Dhaka is a city of shops, a city without water bodies, green fields and with lots of bad things which demerit human health condition and also the environment. The greenery started declining day by day from both surroundings and inner parts of Dhaka city conspicuously from 1980s. Only the DU and BUET campus, Ramna Park and Suharawardy Uddyan and Agargaon could survive the onslaught as yet. The plantation now we can see only on the island between two ways of some roads. The footpath is treeless in most parts. And the species diversity is not good or proper. The city was beautified by the British and other leaders of that period. But we failed to preserve that beauty and we ever did not think to do something like them. We have done so called plantation and also political tree plantation here and there. We did not think it deeply. As a result we can see although initiatives are taken to improve the situation, but not systematically and scientifically.

It is good that the government is going to conserve the Hatirjheel-Bagunbari wetland. The construction work is still continuing. We have seen a few new roads have been laid out there. But in a

survey it is seen that unplanned and invalid plantation is occurring there. During a recent field observation the tree plantation in the area was not seemed to be planwise. A good number of Fishtail palm, Royal palm, date palm, Debdaru tree, ornamental dwarf fig, coconut palm have already been planted. But the nature lovers hope for a six-season colourful views from every road of Hatirjheel. They naturally want to see here wetland trees like Hijol, Barun, Kadam, Chalta, Jarul and Karoch along the new roads of the area.

It is a matter of sorrow that a lot of date palms planted on the new roads are already dying. The sizes of the trees planted are 6-13 feet and that had been pulled from other places. But here should have been planted very young saplings or seeds. Same thing happened in case of Royal palm and Fishtail palm. In the primary stage sapling from seed is very good for growth as it spreads out its roots systematically and thus will live long. But a date palm about 13 feet high uprooted from one place to be planted elsewhere can't be able to adapt with the environment. And date palm is not a plant for this site; also Fishtail palm which needs shady area to grow. But unfortunately the planter doesn't seem to have thought about this and perhaps is not landscape and plant specialist.

It is not possible to get back the Dhaka of 50s or 60s. But systematic and scientific plan can make Dhaka more green and shady than it is now. Planwise plantation can turn Dhaka into a six season

flowering city. Hatirjheel is a new area without tree. We just cannot get another such open plantation spot in Dhaka. So it is urgently needed to make a checklist of planting flora and other appropriate trees and need to recruit a plant and landscape specialist to give a beautiful shape to the plantation of the area.

As a botanist, I have some proposal for the plantation. The area is a wetland site. So wetland plants would suit it most. Hijol, Karoc, Jarul, Barun, Chalta should be planted here. Shade trees like Bakul, Telsur, Kanokchura, Padauk, Nageshore, Chatim, Bot, Asowath could be planted as well. Trees like Jarul, Sonalu, Krisnachura, Pakhiphul, Sornochampa, Jakaranda, Peltofourn, Gulachi can enhance summer view. There can be a few avenues of Jarul and Krisnachura to create a variety in colour. There can be one avenue or two of Sornochampa and Jakaranda of bluish violet colour. These trees are remarkable not only for their shape but also for their flowers. Peltophorum or Kurchi might have separate avenues. Gulachi these days are of various colours and grow naturally. They don't require any extra attention.

To keep the spring alive there are Kanakcharpa, Rudro Palash, Lal Sonai, Muchkundo, Palash, Parijat, Shimul, Gamari, Lotkonful, Milletia, Gliricidia, Golapjamful etc. There can be separate avenues of individual spring flowers, or there can be mixed avenues as well to create a variety in colours. The plants like Kontoklata, Madhobi, Nilmoni, Hapormali etc would further add to the beauty of spring. The list of monsoon flowers is quite long. There can be a pretty long avenue of Kodom and Sultancharpa and Canonball trees. Hijalas can be planted along the water edge. The other flowers of monsoon like Maloti, Jhumko, Doloncharpa, Kanthalicharpa, Hasnahena, Sonapati, Ulotcondal, Oporajita, Korobi could be planted in beds and it will make the beauty of monsoon accessible to all.

For autumn a large road slope near water body could be chosen for Kash, and Sheuli close by on a relatively higher place. Lotus can be planted in the water



PHOTO: SOURAV MAHMUD

The unplanned planting of Fishtail palm, while the site is suitable for Hijol, Jarul Barun and Kadam tree

bodies. The beauty of lotus in the autumn is unique. Bokful of different colours may also be chosen for some places. Kash will protect erosion and make soil harder. The flowers of late autumn partly contribute some feelings to the ambience if we plant Himjhuri or Akashneem, Debkanchan Chateya etc. There can be a pretty big avenue with Devkanchon alone. Side by side, some brightly coloured herbs and shrubs and plants like Dahlia, Aster, Cosmos, Jinia, Calendula, Chrysanthemum and Sunflower have to be chosen for winter.

Already we have seen view bird species like pond heron, little heron, cattle egret, water cormorant and brahmini kite there. If the water quality improves and the aquatic vegetation gets enriched it might be possible to gather migratory and resident water birds there. For gathering singing birds trees like Hamalia, Bot, Aswath, Jamru could be planted. For beautifying the water

corridor Sahapla, Shaluk Chadmala can be planted therein besides lotus.

It is completely a new place for plantation. So we are getting a scope to beautify the landscape of this area more decoratively. So the government should take urgent initiatives to beautify the area with scientific and planwise plantation.

The writer is a biodiversity specialist, CEGIS nature.sourav@gmail.com

Government of the People's Republic of Bangladesh  
Office of the Director  
Chittagong Medical College Hospital, Chittagong.

Memo No: CMCH/Tender/2012-13/MSR/Cardiology/EECP Therapy System/7343

Date: 30-09-2012.

INVITATION FOR OPEN TENDER

Sealed Tenders are hereby invited from experienced Importers/Contractors/Suppliers/Distributors to supply Enhanced External Counter Pulsation (EECP) Therapy System for department of Cardiology, CMCH in the fiscal year 2012-13. As per PPA-2006 & PPR-2008; Terms and conditions are as follow(s):

**KEY INFORMATION**

1	Ministry/Division	Ministry of Health and Family Welfare.
2	Agency	Chittagong Medical College Hospital, Chittagong.
3	Procuring Entity Name & Designation	Brig Gen Md. Fashirul Rahman, ndc, Director, Chittagong Medical College Hospital, Chittagong.
4	Procuring Entity Code	GOB.
5	Procuring Entity District	Chittagong.
6	Invitation for	Procurement of EECP Therapy System for Department of Cardiology, CMCH.
7	Tender Ref. No	CMCH/Tender/2012-13/MSR/Cardiology/EECP Therapy System/7343
8	Date	30-09-2012.
9	Procurement Method	Open Tender Method (National).

**FUNDING INFORMATION**

10	Budget and Source of Funds	GOB (Extra grant) in Bangladeshi Taka (Payment of bill depends on availability of fund).
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**PARTICULAR INFORMATION**

11	Project/Program Name	Chittagong Medical College Hospital, Chittagong.
12	Tender Name	Procurement of EECP Therapy System for Department of Cardiology, CMCH.
13	Tender Notice Publication Date	01-10-2012.
14	Tender Selling Date and Time	04-10-2012 During office hours.
15	Tender Last Selling Date and Time	04-11-2012 During office hours.
16	Pre-Tender Meeting	22-10-2012 at 11: 00 A. M.
17	Tender Dropping & Closing Date and Time	06-11-2012 at 12: 00 P. M.
18	Tender Opening Date and Time	06-11-2012 at 01: 00 P. M.
	Name and address of the Office's	
19	a) Selling & Receiving Tender Documents	1. Cashier, Office of the Director, Chittagong Medical College Hospital, KB Fazlul Kader Road, Chittagong-4203. 2. Cashier, Office of the Director (Health), Chittagong Division, Chittagong. 3. Cashier, Office of the Civil Surgeon, Chittagong District (Selling only). 4. Officer In charge, Panchlaish Model Thana, Chittagong (Receiving only).
	b) Tender Documents Opening Place	Office of the Director, Chittagong Medical College Hospital, KB Fazlul Kader Road, Chittagong-4203.

**INFORMATION FOR TENDERER**

20	Tenderer Eligibility	All Bidders must submit Tender through "Tender Booklet" prepared by procuring entity and abide by the terms and conditions stated in the "Tender Booklet".  The Bidders must submit the following additional documents with its tender: 1. Purchase receipt of the tender document. 2. Status of the Bidder as a Manufacturer/Local agent/Reseller/Supplier/Local Agent in firm's Letterhead pad. 3. The bidder must provide Manufacturer Authorization Letter (Where applicable). 4. The maximum number of arbitration against the bidder, 3 (Three) arbitration award against a bidder over a period of 5 (Five) years. 5. The bidder shall have a minimum of 5 (Five) years of overall experience in the supply of electro-medical equipment and related services & 2 (Two) years special experience on the tender schedule item. 6. The satisfactory completion of supply of similar electro-medical equipment of minimum of similar size at least 3 contracts in the last 5 (five) years. 7. Trade license valid for 2012-13. 8. Registration of Farm/Certificate of Incorporation (In case of Limited Company). 9. VAT registration & clearance certificate. 10. Income tax clearance certificate for the fiscal year 2011-12 (Including TIN number). 11. The minimum amount of liquid asset or working capital is BDT 1,50,00,000.00 (Fifteen million only). 12. Bidder having office establishment with skilled manpower (List with mentioning field of expertise) must be submitted with tender. 13. Single order work completion of amounting BDT 50,00,000.00 (Five million only) within last 3 years. 14. The bidder must supply soft copy (CD) in MS Word of specification and technical offer with hard copy. 15. The bidder shall be a Bangladeshi Citizen. 16. The bidder is not authorized to change/extend any portion of the tender booklet.
21	Terms & conditions	<b>Detailed description in Tender Booklet.</b>
22	Description of Goods & Related Services	<b>Detailed description in Tender Booklet.</b>
23	Price of Tender Documents	Taka 2,500.00 (Two thousand five hundred only) Non-refundable cash.
24	Identification	<b>The amount of earnest money</b>
25	Enhanced External Counter Pulsation (EECP) Therapy System for Department of Cardiology, CMCH	Bank Draft or Pay Order worth Bangladeshi Taka 2,00,000/- (Two Lac only) should be attached with the submitted tender as Earnest Money in favor of The Director, Chittagong Medical College Hospital, KB Fazlul Kader Road, Chittagong-4203. If tender money is not found with the submitted tender, the bid would be counted irresponsible.
26	Name of Official Inviting Tenders	<b>Brig Gen Md. Fashirul Rahman, ndc.</b>
27	Designation & Address of Official Inviting Tenders	Director, Chittagong Medical College Hospital, Chittagong.
28	Contact details of Official Inviting Tenders	Telephone: +88031630179, Fax No: 88-031-610022, e-mail address: dir_cmch@fnfbd.com

The procuring entity reserves the right to accept or reject in part or whole of any tender instrument without any reason.

Note: (1) If the date of selling, receiving & opening of tender is disturbed under any unavoidable circumstance, the next working day will be applicable for the same respectively.

(2) Bidder will have to supply the requisite electro-medical equipment on priority and necessity basis of the procurement authority within scheduled time after work order. The item/Quantity may increase/decrease as per allotment



Melting of polar ice due to global warming leads to sea level rise