

A 'difficult' balancing act

Experts say feeding the world while saving the planet not easy

THOMSON REUTERS FOUNDATION

Converting large areas of land for farming to boost food supplies increases planet-heating emissions and places a greater burden on poorer nations already bearing the brunt of climate change, researchers warned yesterday.

A study led by Arizona State University (ASU) analysed about 1,500 large land deals totalling 37 million hectares (91 million acres) - across Southeast Asia, Latin America, Africa and eastern Europe - showed that clearing the land for farming may have emitted about 2.3 gigatonnes of carbon emissions.

With regulations to limit land conversion or to protect forests, emissions could have been reduced to 0.8 gigatonnes, according to the study, published this month in the journal Nature Food.

"It's unrealistic to say that we can't convert more land, given that the world's population is growing, especially in developing countries," said Chuan Liao, assistant professor in ASU's School of Sustainability and the study's lead author. "But we still must minimise carbon emissions while pursuing agricultural development," he said.

A sharp increase in food prices in 2007 triggered a global rush for land to increase food security, with wealthier nations and multinational businesses snapping up land in poorer



nations.

Worldwide, land is increasingly concentrated in fewer hands, mainly those of large agriculture businesses and investors, with the largest 1% of farms operating more than 70% of the world's farmland, according to a 2020 study.

While the socio-economic consequences of such deals have been apparent - including threats to the livelihoods of smallholder farmers - regulations to limit environmental damage are rare, as the goal is to boost food output, Liao said.

"Enforcing environmental policies does not reduce the amount of land that can be used for agricultural

development," he said.

"Yet it is difficult, given the host-country governments are so keen to catch up through agricultural development," he told the Thomson Reuters Foundation.

So it is best to balance the two needs by allowing agricultural development on lands with lower carbon values or low forest cover, and by revitalising abandoned farmlands to generate lower carbon emissions, he said. Total 2019 emissions of carbon dioxide equivalent (GtCO_{2e}) hit a record 59.1 gigatonnes, according to United Nations data.

Agriculture and deforestation account for nearly a quarter of greenhouse gas emissions globally - greater than the share of the transport sector.

The coronavirus pandemic has brought into sharp focus the impacts of rapid urbanisation and deforestation, which have also contributed to the spread of infectious diseases.

Last week, green group WWF said that the world has lost tropical forest equivalent to the size of California over a 13-year period to 2017, with commercial agriculture the leading cause of deforestation.

To meet growing food demand, it is necessary to raise output on existing croplands, and enforce laws to limit land conversion to "protect high-carbon-value forests while permitting agricultural development on low-carbon value land", Liao said.

ROAD ACCIDENT IN INDIA

Truck crushes 15 sleeping people

AFP, Ahmedabad

An out-of-control dumper truck crushed fifteen people to death as they slept by the roadside early yesterday in western India, authorities said.

The dead included a baby girl, eight women and six men, said police official Usha Rada in the Suraj district of Gujarat state. Six others were injured.

The truck collided with a tractor carrying sugarcane just after midnight at a crossroads. "The dumper driver... lost control of the vehicle and went off the road, crushing labourers sleeping on the roadside," a police official said.

The drivers of both the dumper truck and the tractor have been arrested, he added.

High-speed vehicles jostling with motorbikes, pedestrians and cyclists combine with poor infrastructure and poorly maintained vehicles to make India's roads treacherous. In 2019 more than 150,000 people died -- 410 every day or 17 an hour -- in almost half a million accidents, according to the government.

On Monday, Indian transport minister Nitin Gadkari said the country aims to halve road deaths and accidents by 2025.

Government of the People's Republic of Bangladesh
Local Government Engineering Department
Office of the Executive Engineer
District: Mymensingh.
www.lged.gov.bd

Memo No: 46.02.6100.000.07.001.21-257 Date: 19-01-2021

e-Tender Notice: 37/2020-21

e-Tender is invited in the National e-GP System Portal(<http://www.eprocure.gov.bd>) for the Procurement of

No.	Package No & Scheme Name	Tender ID	Last Selling Date & Time	Closing/Opening Date & Time	Tendering Method
1	GSIDP/MYM/DW-42 Improvement of Social Grave Yard at Purba Bonpara Darogabari nearest Jame Mosque Under Bororchar Union under Sadar Upazila District Mymensingh Latitude 24.847232 Longitude 90.316440	537827	Date: 07-Feb-2021 Time: 17:00	Date: 08-Feb-2021 Time: 13:45	LTM
2	IRIDP-3/MYM/DW-05 a. Improvement of Pirgonj Bazar-Bakta Kalirghor road Ch.7300-9300m. b. Construction of 10 nos 0.625x0.600m Culvert on Same road at ch. 7700m 7800m 8100m 8250m 8400m 8600m 8850m 9000m 9070m 9200m under Fulbaria Upazila District-Mymensingh.Road ID No 361203011	534082	Date: 07-Feb-2021 Time: 17:00	Date: 08-Feb-2021 Time: 13:45	LTM
3	IRIDP-3/MYM/DW-06 a. Improvement of Ranganamta UP Babugonj Bazar-Enayetpur UP road ch. 2950-4950m. b. Construction of 4 nos 0.625x0.600m Culvert on Same road at ch. 3080m 3820m 4200m 4750m under Fulbaria Upazila District-Mymensingh.Road ID No 361204053	534083	Date: 07-Feb-2021 Time: 17:00	Date: 08-Feb-2021 Time: 13:45	LTM
4	IRIDP-3/MYM/DW-07 a. Improvement of Polasholi-Durduria Bazar road Ch.00-1000m. b. Construction of 1 nos 0.625x0.600m Culvert on Same road at ch. 750m under Fulbaria Upazila District-Mymensingh.Road ID No 361204021	534084	Date: 07-Feb-2021 Time: 17:00	Date: 08-Feb-2021 Time: 13:45	LTM
5	IRIDP-3/MYM/DW-08 a. Improvement of Minar Bazar-Dashmail road Ch.00-1500m & Link 30m. b. Construction of 5 nos 0.625x0.600m Culvert on Same road at ch. 50m 200m 400m 560m 1300m under Fulbaria Upazila District-Mymensingh.Road ID No 361204007	534085	Date: 07-Feb-2021 Time: 17:00	Date: 08-Feb-2021 Time: 13:45	LTM
6	IRIDP-3/MYM/DW-09 a. Improvement of Ranganamta-Siddikiali Bazar road Ch.1500-2500m. b. Construction of 2 nos 0.625x0.600m Culvert on Same road at ch. 1650m 2080m under Fulbaria Upazila District-Mymensingh.Road ID No 361204036	534086	Date: 07-Feb-2021 Time: 17:00	Date: 08-Feb-2021 Time: 13:45	LTM

This is an online Tender, Where only e-Tender will be accepted in the National e-GP Portal and no offline/ hard copies will be accepted. To submit e-Tender, registration in the National e-GP system portal (<http://www.eprocure.gov.bd>) is required. The e-Tender Security Submitted last Date & Time from the National e-GP System portal have to be deposited online through any registered Banks branches Respectively. Further information and guidelines are available in the National e-GP System Portal and from e-GP help desk (helpdesk@eprocure.gov.bd) also from E-mail: xen.mymensingh@lged.gov.bd or Cell to 091-66376, 091-66110, 091-64365.

Interested persons can communicate with the undersigned during office hours.

(Md. Shahiduzzaman Khan)
Executive Engineer
LGED.Mymensingh

Government of the People's Republic of Bangladesh
Office of the Executive Engineer,
Natore PWD Division, Natore
Tel.no.0771-66873; Fax:0771-61026

Invitation for Tenders (IFT)

1	Ministry/Division	Ministry of Housing & Public Works.		
2	Executing Agency	Public Works Department		
3	Name of Procuring Entity	Executive Engineer, Natore PWD Division, Natore.		
4	Procuring Entity Code	Not used at present		
5	Procuring Entity District	Natore		
6	Invitation for	Procurement of Physical Services		
7	Invitation Reference No.	637		
8	Date	17.01.2021		
KEY INFORMATION				
9	Procurement Method	Open Tendering Method (OTM)		
FUNDING INFORMATION				
10	Budget and Source of fund	Revenue Budget, Government of Bangladesh		
11	Development Partners (if applicable)	None		
PARTICULAR INFORMATION				
12	Project /Programme Code (if applicable)	Not Available.		
13	Project /Programme Name (if applicable)	Not Applicable		
14	Tender Package No.	Not Applicable		
15	Tender Package Name	"Supply work of Manpower-Electric Helper, Security Guard, Gardener and Cleaner for Uttara Gonobhaban, Natore under Public Works Sub-Division, Natore and Public Works E/M Sub-Division, Natore through Outsourcing Process. During FY 2020-2021 Eng."		
16	Tender No	02/2020-2021		
17	Tender Publication Date	20.01.2021		
18	Tender Last Selling Date	07.02.2021 up to 17.00 hours		
19	Tender Closing Date and Time	08.02.2021; Time 12.00 hours		
20	Tender Opening Date and Time	08.02.2021; Time 13:00 hours		
Name & Address of the office (s)				
Selling Tender Document (Principal)		Office of the Executive Engineer, Natore PWD Division, Natore.		
Selling Tender Document (Others)		PWD Division-Natore/Pabna/Sirajgonj/Naogaon/Chapainawabgonj;/Dhaka PWD Division-1, Dhaka/Barisal PWD Division, Barisal/ Chittagong PWD Division-1, Chittagong/ Khulna PWD Division-1, Khulna/Rajshahi PWD Division-1/2,Rajshahi/ Sylhet PWD Division, Sylhet/ Mymensingh PWD Division, Mymensingh/ Rangpur PWD Division, Rangpur.		
Receiving Tender Document		Office of the Executive Engineer, Natore PWD Division, Natore. Office of the Superintendent of Police, Natore. Office of the Deputy Commissioner, Natore.		
Opening Tender Document		Office of the Executive Engineer, Natore PWD Division, Natore.		
22	Place/Date/Time of Pre-Tender meeting	Office of the Executive Engineer, Natore PWD Division, Natore On 21.01.2020; Time 11.00 hours		
INFORMATION FOR TENDERER				
23	Brief Eligibility and Qualification of Tenderer	a. The minimum number of years of general experience of the Tenderer in contracting industries in public sector as Prime Contractor/Sub Contractor/Management Contractor shall be 3 (three) years. b. Having experience as a Prime Contractor of at least 1(one) number of supplying manpower for civil and related work including security guarding of Tk 20,00,000.00 (Twenty lac) in a single contract in Government/ Semi-Government/ Autonomous Organization of Bangladesh during last 03 (Three) years. c. The required average annual turnover of the Tenderer shall be at least of the amount of Tk 15,00,000.00 (Fifteen lac) over the best three years of last five years. d. The minimum amount of liquid assets i.e. working capital or credit line(s) of the Tenderer shall be BDT 12,00,000.00 (Twelve Lac). e. Tenderers shall have the legal capacity to enter into the Contract under the Applicable Law. f. Tenderers shall be enrolled in the relevant professional or trade organisations registered in Bangladesh. g. Tenderers shall have fulfilled its obligations to pay taxes under the provisions of laws and regulations of Bangladesh <i>The full eligibility and qualification criteria will be available in details in the Tender Data Sheet (TDS, section 2) of Tender Document.</i>		
25.	Price of Tender Document (BDT)	BDT 1000 (One thousand) only. [The money receipt for tender document purchase must be attached to the 'original' tender document otherwise the tender will be considered void]		
26.	Lot no.	Identification of lot		
		Location		
		Tender Security amount (BDT)		
		Completion time		
I	"Supply work of Manpower-Electric Helper, Security Guard, Gardener and Cleaner for Uttara Gonobhaban, Natore under Public Works Sub-Division, Natore and Public Works E/M Sub-Division, Natore through Outsourcing Process. During FY 2020-2021 Eng."	Uttara Gonobhaban, Natore	100,000.00(One Lac)Tk	12(Twelve)months
PROCURING ENTITY DETAILS				
27	Name of official inviting tender	Md. Zahidul Islam		
28	Designation of official inviting tender	Executive Engineer		
29	Address of official inviting tender	Natore PWD Division, Natore.		
30	Contact details or official inviting tender	Tel.no.0771-66873; Fax:0771-61026 email: ee_natore@pwd.gov.bd		
31	The Procuring Entity reserves the right to reject all the Tenders or annul the Tender proceedings.			
32	Updated rules and regulations of VAT and Income Tax will be followed.			
33	Contract Period can be extended depends on the satisfactory performance of manpower supplier by the approval of Proper Authority.			

(Md. Zahidul Islam)
Executive Engineer
Natore PWD Division, Natore.

Government of the People's Republic of Bangladesh
College Education Development Project (CEDP)
Cumilla Government Women's College
Monohorpur, Cumilla-3500

Invitation for Tenders

1	Ministry/Division	Ministry of Education.		
2	Agency	University Grants Commission/National University.		
3	Procuring entity name	Principal, Cumilla Government Women's College.		
4	Procuring entity code	N/A.		
5	Procuring entity district	Cumilla.		
6	Invitation for	Renovation and refurbishment of classrooms, teachers' leisure room and wash rooms.		
7	Invitation Ref No.	CGWC/CEDPI/2021/36		
8	Date	20/01/2021		
KEY INFORMATION				
9	Procurement method	Open Tendering Method (National).		
FUNDING INFORMATION				
10	Budget and source of funds	Development Budget (Government & IDA Credit).		
11	Development partners	International Development Association (IDA), World Bank.		
PARTICULAR INFORMATION				
12	Project code	224017200		
13	Project name	College Education Development Project (CEDP).		
14	Tender Package No.	W-02.		
15	Tender package name	Renovation and refurbishment of classrooms, teachers' leisure room and wash rooms.		
16	Tender publication date	20/01/2021		
17	Tender last selling date	10/02/2021		
18	Tender closing date and time	11/02/2021; 2:00pm.		
19	Tender opening date and time	11/02/2021; 2:30pm.		
20	Name & address of the office	Cumilla Government Women's College, Monohorpur, Cumilla-3500.		
21	Selling tender document	IDG Sub-Project Office, Auditorium Building (1st Floor), Cumilla Government Women's College, Monohorpur, Cumilla-3500.		
22	Receiving tender document	Cumilla Government Women's College, Monohorpur, Cumilla-3500.		
23	Opening tender document	Staff Council, 1st Floor, Cumilla Government Women's College.		
24	Place/date/time of pre-tender meeting (optional)	Will not be held.		
INFORMATION FOR TENDERER				
25	Eligibility of tenderer	1. The minimum number of years of general experience of the tenderer in the construction works as prime contractor or subcontractor or management contractor shall be 3 (three) years. 2. The minimum specific experience as a prime contractor or subcontractor or management contractor in building construction/extension/refurbishment works of at least 01 contract(s) successfully completed within the last 5 years, each with a value of at least Tk 22,00,000 (twenty-two lac). 3. The required average annual construction turnover shall be greater than Tk 30,00,000 (thirty lac) over the last 3 years. 4. The minimum amount of liquid assets i.e. working capital or credit line(s) of the tenderers shall be Tk 25,00,000 (twenty-five lac). 5. Other requirement mentioned in the tender document.		
26	Brief description of goods	Brick Work, Cement Plaster, Floor Tiles, Plastic Paint, Enamel & Weather Coat Paint, Wooden Shutter, Verandah Grill, False Ceiling etc.		
27	Brief description of related services	Related service shall be in accordance with Section 4: Particular Conditions of Contract, Section 6: Bill of Quantities.		
28	Tender document price	BDT 1,500.00 (one thousand five hundred).		
29	Lot No.	Identification of lot		
		Location		
		Tender security amount (Tk)		
		Completion time in months		
01	Renovation and refurbishment of classrooms, teachers' leisure room and wash rooms	Cumilla Government Women's College, Monohorpur, Cumilla	85,000.00 (BDT eighty-five thousand)	02 months
30	Name of official inviting tender	Professor Md. Jamal Nasser.		
31	Designation of official inviting tender	Principal.		
32	Address of official inviting tender	Cumilla Government Women's College, Monohorpur, Cumilla-3500.		
33	Contact details of official inviting tender	Tel: 08165853 Fax: E-mail: cgwc_1960@gmail.com		
34	The procuring entity reserves the right to accept or reject all tenders without assigning any reason whatsoever.			

Professor Md. Jamal Nasser
Principal
Cumilla Government Women's College