



A solar-powered insect trap is seen at an Aman paddy field in Patuakhali's Dumki upazila.

PHOTO: STAR

SOLAR-POWERED INSECT TRAP

A potential alternative to pesticide

Patuakhali farmers gain firsthand experience of using the ecofriendly technology that detects and controls pests

OUR CORRESPONDENT, Patuakhali

Farmers of Patuakhali are getting the opportunity to use the solar-powered insect trap that kills most of the pests that wreak havoc on crops.

A solar-powered insect trap stores power in a battery, with which a bulb glows for four hours from sunset. The harmful insects and flies hovering over the crops in search of food get attracted to the bright light and perish on the toxic water kept in a tub beneath it.

The agricultural officials come to the fields in the morning and observe the dead insects in the water of the tub. They identify the number of beneficial insects and harmful insects among the dead insects. Later, they advise the farmers to use pesticides in the field if the number of harmful insects is high.

Farmers are getting the opportunity to use this environment friendly technology for free and are benefiting from pest management.

However, the farmers and field-level agricultural officials said that the number of

traps is lesser than needed. This technology has been proven to be beneficial to the farmers to protect the crop from the attack of harmful insects.

Yunus Hawlader, a farmer of Shiali village under Patuakhali Sadar upazila, has cultivated aman paddy on his two acres of land this year. He used kerosene oil-fueled light traps last year to prevent a pest invasion. But this year, the Department of Agriculture Extension (DAE) has set up a solar-powered insect trap on his paddy field.

"I prefer the technology provided by the DAE as it is eco-friendly and cheaper than kerosene-fueled one. As a result, we can use it with ease," he said.

Farmer Abdul Latif, a neighbour of Yunus, has cultivated aman on his three acres of land. A solar-powered insect trap has also been installed beside his paddy field.

The technology is very beneficial and not harmful to the environment, he added.

Abdul Mannan, another farmer in the village, said the number of solar-powered

insect traps should be increased so that more farmers can have access to the technology.

Abdul Awal, deputy assistant agriculture officer of Shiali area, said the solar-powered insect trap is very useful for farmers and it can play a crucial role to prevent pest invasion without harming the environment.

As it is cost-effective and environment friendly, farmers are showing interest to use it, he said.

"However, the allocation of the traps is lesser than required. My work area comprises three villages but I have been provided only four such traps. More farmers would have been benefited, if the number of the traps had been increased," he added.

Md Mohiuddin, deputy director of Patuakhali DAE, said that only 180 solar-powered insect traps have been distributed in eight upazilas of Patuakhali. These include 24 traps in Patuakhali Sadar upazila and Kalapara each and 22 traps each in Baufal, Galachipa, Dashmina, Mirzaganj, Dumki and Rangabali upazilas.

UP POLLS IN CHAPAINAWABGANJ, RAJSHAHI

19 indigenous women join the race

OUR CORRESPONDENT, C'nawabganj

At least 19 indigenous women are contesting the union parishad elections, set to be held in Chapainawabganj and Rajshahi on November 11 this year.

Most of the female contestants are homemakers and farm labourers.

In Gomostapur upazila of Chapainawabganj, three women from Orao community are running for member posts at Parbotipur Union Parishad.

Parbotipur union is home to around 850 indigenous families, said Bichitra Tirkki, who is running for an unreserved member post in Ward number 2 with election symbol of rooster.

Bichitra, who is also the president of Jatiya Adibasi Parishad's Chapainawabganj district unit, said in 2011, she was elected a member in the ward under reserved seat for women.

This year she is contesting the polls along with male contenders for an unreserved member post because she wants her voice be heard in the union parishad, she added.

Among the other two indigenous women who are running in the polls, Laxmi Tirkki's election symbol is helicopter while Ameswari's symbol is loud speaker.

Rongila Toppo, a homemaker from an indigenous community in Jinarpur village, said it would be a matter of great pride if members of their community won in the election.

Uttarbango Adibasi Forum President Hingu Murmu hoped that such participation of women in the elections will empower women in the community and encourage more of them break

barriers in near future.

According to Gomostapur upazila Election Officer Sirajul Islam, Parbotipur union has a total of 27,160 voters.

In Godagari and Tanore upazilas of Rajshahi, more than fifteen indigenous women are contesting the polls in seven union parishads, said Jatiya Adibasi Parishad.

Seven of them are from Santal, two from Roy, two from Gorat, one from Orao, one from Mahato, one from Kole, and one from Mahali community.

Among the female contenders running for member posts, Kostatina Hasda is running in Dewpura union; Julita Kisku, Kanchona Bala Mahato and Selina Khalko in Gogram union; Safina Hemrom, Guney Rani Roy, Prova Rani Roy, Basonti Murmu and Prova Roy in Mohonpur union; Shyamoli Sardar and Shefali Murmu in Hrishikul union; Chandona Bala in Godagari union under Godagari upazila; and Susanna Mardi in Badhair union; and Sanoti Hasda, Amena Tudu and Somiron Murmu are running in Kolma union under Tanore upazila of Rajshahi.


Of them, Chandona Bala is contesting the polls for an unreserved member post while others are contesting for member posts reserved for women.

Bimal Kumar Rajoar, president of Jatiya Adibasi Parishad's Rajshahi district unit and also organising secretary of the organisation's central committee, said if elected, representation of the indigenous communities in local governments will help empower the indigenous communities, especially the women.



Bichitra Tirkki, right, an indigenous woman, is contesting this year's election to Parbotipur Union Parishad under Gomostapur upazila of Chapainawabganj. She is running for an unreserved member post. The election is scheduled for November 11.

PHOTO: RABIUL HASAN



Strengthening the Infrastructure of BAERA to Ensure Nuclear and Radiation Safety of Public and Environment Related Project

Bangladesh Atomic Energy Regulatory Authority

E-12/A, Agargaon, G.P.O.B ox No.240, Dhaka-1207

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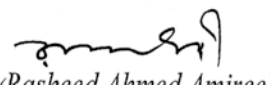
E-mail : info@baera.gov.bd

Website: www.baera.gov.bd

### Invitation for Tender

GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH		
1.	Ministry/Division	Ministry of Science & Technology
2.	Agency	Bangladesh Atomic Energy Regulatory Authority
3.	Procuring Entity Name	Project Director, Strengthening the Infrastructure of BAERA to Ensure Nuclear and Radiation Safety of Public and Environment Related Project
4.	Procuring Entity Code	2605
5.	Procuring Entity District	Dhaka
6.	Invitation for	Supply, Installation, Commissioning and Testing of Fire Hydrant System, Fire Detection and Protection system, Fire Rated door, Fire Door and Alarm System Synchronizing from 4 <sup>th</sup> to 9 <sup>th</sup> floor at the Existing BAERA Bhaban under the project of "Strengthening of BAERA to Ensure Nuclear and Radiation Safety of Public and the Environment ", Bangladesh Atomic Energy Regulatory Authority (BAERA), Agargaon, Dhaka
7.	Invitation Ref No.	39.07.0000.007.06.46.2021
8.	Date	02.11.2021
KEY INFORMATION		
9.	Procurement Method	Open Tendering Method (OTM)
FUNDING INFORMATION		
10.	Budget and Source of Funds	GOB
11.	Development Partners	None
PARTICULAR INFORMATION		
12.	Project / Programme Code	224236700
13.	Project / Programme Name	Strengthening the Infrastructure of BAERA to Ensure Nuclear and Radiation Safety of Public and Environment Related Project
14.	Tender Package No.	GD 07
15.	Tender Package Name	Supply, Installation, Commissioning and Testing of Fire Hydrant System, Fire Detection and Protection system, Fire Rated door, Fire Door and Alarm System Synchronizing from 4 <sup>th</sup> to 9 <sup>th</sup> floor at the Existing BAERA Bhaban under the project of "Strengthening of BAERA to Ensure Nuclear and Radiation Safety of Public and the Environment ", Bangladesh Atomic Energy Regulatory Authority (BAERA), Agargaon, Dhaka
16.	Tender Publication Date	09-11-2021
17.	Tender Last Selling Date	24-11-2021
18.	Tender Closing Date and Time	25-11-2021, 12:00 Noon
19.	Tender Opening Date and Time	25-11-2021, 12:30 PM
20.	Name & Address of the office(s)	Office of the Project Director, Strengthening the Infrastructure of BAERA to Ensure Nuclear and Radiation Safety of Public and Environment Related Project, Bangladesh Atomic Energy Regulatory Authority, E-12/A, Agargaon, G.P.O.B ox No.240, Dhaka-1207
	Selling Tender Document	Senior Accounts Officer Room No. 603, Bangladesh Atomic Energy Regulatory Authority, E-12/A, Agargaon, G.P.O.B ox No.240, Dhaka-1207
	Receiving Tender Document	Tender should be dropped in the tender box kept at the office of the Project Director, Strengthening the Infrastructure of BAERA to Ensure Nuclear and Radiation Safety of Public and Environment Related Project, Bangladesh Atomic Energy Regulatory Authority, E-12/A, Agargaon, Dhaka-1207
	Opening Tender Document	Room No- 401, Bangladesh Atomic Energy Regulatory Authority, E-12/A, Agargaon, G.P.O.B ox No.240, Dhaka-1207
21.	Place / Date / Time of Pre-Tender Meeting (Optional)	N/A

INFORMATION FOR TENDERER				
22.	Brief Eligibility and Qualification of Tenderer		<ul style="list-style-type: none"><li>(i) current year up-to-date trade license (ii) up-to-date income tax clearing certificate (iii) Eleven digit vat registration certificate</li><li>The minimum years of general experience of the Tenderer in the supply of similar Goods and related services as Supplier shall be at least 05 (Five) years</li><li>Shall have at least 03 (three) fully successfully completion certificates of submitted work order in last 5(five) years each with a value of at least 05(Five) million in BDT</li><li>The minimum amount of liquid assets i.e working capital or credit line(s) of the Tenderer shall be Tk-7.0 (Seven) million in BDT</li><li>Other detail instruction given into the tender schedule.</li></ul>	
23.	How to obtain Tender Document		Tender documents may be hand on cash payment of the amount (non refundable) mentioned on all working days during office hours up to 24/11/2021 on written request to and permission from the undersigned showing original work order with satisfactory completion Certificate of the completed work, original up to date valid Trade License, VAT Registration Certificate with TIN No. and latest Income Tax Clearance Certificate, Bank Solvency Certificate of last financial year. Attested photocopies (by 1 <sup>st</sup> class Gazetted officer) of the relevant papers must be enclosed with the application on the letter head pad of the firm.	
24.	Brief Description of goods		Supply, Installation, Commissioning and Testing of Fire Hydrant System, Fire Detection and Protection system, Fire Rated door, Fire Door and Alarm System Synchronizing from 4 <sup>th</sup> to 9 <sup>th</sup> floor at the Existing BAERA Bhaban under the project of "Strengthening of BAERA to Ensure Nuclear and Radiation Safety of Public and the Environment ", Bangladesh Atomic Energy Regulatory Authority (BAERA), Agargaon, Dhaka	
25.	Price of Tender Document		Tk. 2,000/- (Taka Two thousand) only per set (Non refundable)	
26.	Lot No.	Identification of Lot	Location	Tender Security Amount (Tk)
	1.	GD-07: Supply, Installation, Commissioning and Testing of Fire Hydrant System, Fire Detection and Protection system, Fire Rated door, Fire Door and Alarm System Synchronizing from 4 <sup>th</sup> to 9 <sup>th</sup> floor at the Existing BAERA Bhaban under the project of "Strengthening of BAERA to Ensure Nuclear and Radiation Safety of Public and the Environment ", Bangladesh Atomic Energy Regulatory Authority (BAERA), Agargaon, Dhaka	Bangladesh Atomic Energy Regulatory Authority, E-12/A, Agargaon, G.P.O.B ox No.240, Dhaka-1207	BDT 1,40,000/= (Taka One Lac Forty Thousand only)  In the form of Pay Order/ Bank Guarantee in favor of Strengthening the Infrastructure of BAERA to Ensure Nuclear and Radiation Safety of Public and Environment Related Project
PROCURING ENTITY DETAILS				
27.	Name of Official Inviting Tender		Rasheed Ahmed Amiree	
28.	Designation of Official Inviting Tender		Project Director, Strengthening the Infrastructure of BAERA to Ensure Nuclear and Radiation Safety of Public and Environment Related Project	
29.	Address of Official Inviting Tender		Bangladesh Atomic Energy Regulatory Authority, E-12/A, Agargaon, G.P.O.B ox No.240, Dhaka-1207	
30.	Contact details of Official Inviting Tender		Tel. No.	Fax No.
			88-02-8181012	88-02-9124846
			e-mail	
			rdamiree@yahoo.com	
31.	The procuring entity reserves the right to accept or reject all tenders This tender shall be governed by "The Public Procurement Act 2006 and The Public Procurement Regulations 2008".			



(Rasheed Ahmed Amiree)

Project Director

GD-2023