



বাংলাদেশ পানি উন্নয়ন বোর্ড
BANGLADESH WATER DEVELOPMENT
BOARD

Project Management Unit
Coastal Embankment Improvement Project
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Memo No. CEIP-I/W-01/814

Dated 22-04-2015

Addendum No.02

Following amended provisions are made in the Bidding Document for procurement of "Rehabilitation /Reconstruction & Upgrading of Polder 32, 33, 35/1 and 35/3" under Coastal Embankment Improvement Project, Phase-1, (CEIP-1); ICB No.CEIP-1/W-01 as invited by the Project Director, PMU, CEIP-1, Dhaka vide his memo no **CEIP-I/W-01/725** Date: 10-03-2015:

Reference to Bidding Document Section, Clause/item and Page No.	Existing Provision	Amended Provision
Section II : Works Requirements		
ITB 22.1 (Page 27)	The deadline for bid submission is: (Amended through Addendum No.01) Date: 14-05-2015 Time: 3:00 P.M. (BST)	The deadline for bid submission is: Date: 25-05-2015 Time: 3:00 p.m. (BST)
ITB 25.1 (Page 27)	The bid opening shall take place at. Street Address: Road No. 24 (CWN), Gulshan-2 House & Floor number: House No. 15 (4th Floor) City: Dhaka', ZIP Code: Dhaka-1212 Country: Bangladesh. (Amended through Addendum No.01) Date: 14-05-2015 Time: 3:30 P.M, (BST)	The date for Bid Opening is: 25 May 2015 The Venue and Time for Bid Opening shall remain unchanged.
Sub-Clause 2.1.3.1 (Page 162)	The materials to be used for embankments shall be obtained from borrow areas proposed and managed by the Contractor but approved by the Engineer. The contractor shall be bounded under this sub-clause to arrange or purchase earth from private land for fill material. The borrow area shall preferably be located on the river side of embankment and the minimum set back distance shall be 20 m from the toe of the embankment for Sea	The minimum set back distance for earth borrowed from country side is changed to ' 50 m ' instead of ' 20 m '.

[Signature]

	Dyke, 10 m for Interior Dyke and 6 m for Marginal Dyke. If the Contractor choose the borrow area at the country side of the embankment, the minimum set back distance shall be 20 m from the toe of the embankment for all type of Dyke. The maximum depth of the borrow area shall not be more than 1.5 metre. For borrowing earth more than 1.5 metre, approval of the Engineer have to be obtained. The Borrow Area has to be surrounded by putting a ring dyke to prevent the pit from being flooded by river water due to rise in water level in high tide.	
Sub-Clause 2.3.2 (Page 166)	The Contractor shall be fully responsible to explore, identify and arrange disposal area for the spoil earth and get approved by the Engineer. Dumped earth shall be leveled, dressed and compacted in a manner not to disturb the natural drainage pattern and the environment. Spoil earth shall not be dumped within a distance of 5 m from the top edge of cutting slope of drainage channel. When disposed off along the drainage channel outside 5 meter of the top edge of cut slope, it should be dressed to match the natural drainage in such a way that draining of surface runoff/waste water flow is not obstructed and water logging /congestion does take place and also earth does not go down into the excavated channel during rain. The local people may be encouraged to take earth from the spoil banks if they need it. If the excavated materials are found suitable for construction of embankment, the contractor can use those materials on obtaining prior approval from the Engineer. Water hyacinth and other aquatic plants coming out from the drainage channel during excavation are to be collected at some selected places and dumped in to ditches to be dug at the direction of Engineer.	The sentence "Spoil earth shall not be dumped within 5 m from the top edge of cutting slope of drainage channel" is changed to "Spoil earth shall not be dumped within 10 m from the top edge of cutting slope of drainage channel" Similarly the sentence "When disposed off along the drainage channel outside 5 meter of the top edge of cut slope..... down into the excavated channel during rain" is changed to "When disposed off along the drainage channel outside 10 meter of the top edge of cut slope..... down into the excavated channel during rain"
Sub-Clause 2.4.1 (Page 167)	The "Closure Dam" constructed across a flowing river/channel to stop the flow of a Channel / River completely is commonly an earthen structure with a hard material core inside (Sand filled Geo-Bags/ C.C Block/Boulders/ sand filled synthetic bags etc.). It requires special technique and treatment while final closing of the Channel/River takes place.	The "Closure Dam" referred to in the Bidding Document is the proposed Dam across the Nalian River in Polder 32. The Bidding drawings (labelled CEIP/Closure / Polder 32/1 to 13/13) indicate a tentative design for the core of the Closure Dam prepared in October 2013. The area of the tidal basin is approx. 480 ha (measured from a recent satellite image). Typical maximum

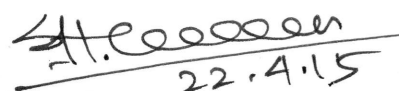
		tidal ranges are of the order of 4.0 m during spring tides and of 2.5 m during neap tides. Tidal ranges tend to be lower in January and February compared to other months. The contractor shall be fully responsible for designing and developing a closure method that suits the site requirements, and for the choice of labour, materials and equipment, and for implementing such design.
Sub-Clause 2.4.2 (Page 167)	i) A complete set of design and drawings duly approved by the competent authority shall be made available to the Contractor which shall act as a guide for the construction of the Closure Dam and the work is to be executed in accordance with this specification. ii) The contractor may prepare a design and drawing for the river/channel closing on his own and submit the same to the Engineer for approval and the work is to be executed in accordance with the specifications. iii) In either case, the design and drawings shall not relieve the contractor from his obligations under this contract to close the flowing channel in full design section to meet the project needs.	i) No further drawings relating to the construction of the Closure Dam will be issued. ii) The Contractor shall carry out site investigations at the site of the closure dam of polder 32. The investigation shall include geotechnical investigations in the form of over water borings, sampling and testing at minimum of 3 locations to a depth of not less than 25m below the present river bed along the centerline of closure dam, as well as bathymetric surveys covering an area at least 300m upstream and downstream of the closure alignment. The Contractor shall obtain Engineer's prior approval of his programme of investigations covering details thereof. The Contractor shall use the investigation results for the design of the closure. iii) The contractor shall prepare a preliminary design for the Closure Dam within 9 months after the commencement date of the contract for discussion with the Engineer and the Employer's design office. The design shall be accompanied by hydraulic calculations and/or results of hydraulic modelling tools. The same will be studied by the Engineer, who shall give his opinion of the contractor's proposals within one month. iv) The contractor shall subsequently design and prepare final drawings for the Closure Dam and shall submit the same to the Engineer for approval at least six months prior to the planned closure date. The final contours of the dam shall follow the bidding drawings in respect of final slope gradients, and the materials

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		for the permanent protection of the slopes. v) Approval of the designs, drawings, work method statements and contingency plans shall not relieve the contractor from his obligations to close the flowing channel and to deliver the Closure Dam in full cross sectional profile over its entire lengths between the embankments
Sub-Clause 2.4.5 (Page 168)	An indicative size of the Closure Dam to be constructed is described below: Nalian Closure Dam: It is located in Polder No.32. The water to water width will be within 200 m to 250 m and of minimum average depth of water 10.00 metre (during the month of November to March). It's both ends will be tied with the existing/constructed flood dyke by approach embankment of about 400 m in length.	An indicative size of the Closure Dam is described below: The length of the Closure Dam, measured between the embankments is to connect, is approx. 500m, of which approx. 250m will pass through deeper water. The deepest point indicated on the drawings is -15.87 mPWD, but significant sedimentation in the mouth of the Nalian River has occurred. A survey on 16 April 2015 found the deepest point to be -6.63 mPWD.

All terms and conditions of the Bidding Document will remain unchanged.

This Addendum No.2, is issued pursuant to the **ITB 8.2** of the Bidding Document, shall be part of the Bidding Document.


(Md. Sarafat Hossain Khan)
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