

## বাংলাদেশ বিদ্যুৎ উন্নয়ন বোর্ড

## BANGLADESH POWER DEVELOPMENT BOARD

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## TO WHOM IT MAY CONCERN

This is to certify that M/S.Associated Builders Corporation Ltd. ABC House ( 2nd floor ), 8. Banani C.A., Kamal Ataturk Avenue, Dhaka-1213 was awarded a single contract for Main Civil Engineering Works of the 5th unit of Ghorasal Thermal Power Station Project at Palash, Narshingdi at an amount Tk. 30.18 crore. The cost of steel materials supplied by BPDB was approximate--ly Tk. 12.50 crore which was not included in the contract amount. The letter of Intent was issued on 14.7.90. The project consisted of the following main items of works of Boiler Foundation, Turbine Generator Foundation, Cable Tunnel, Chimney Stack, Switch Yard, Machine House, Outdoor Transformer, Internal Roads of about 1 KM etc. :

- 01. Earth work upto a depth of 5.50 metre ( 18 feet ), 1,45,000 cubic metre (51,16,700 cft.).
- 02. Heavy R.C.C. works in foundation upto a depth of 5.50 metre ( 18 ft.) including continuous dewatering to keep foundation bed dry ; 64,000 cubic metre ( 2,26,000 ft? ).
- 03. R.C.C. works in superstructure upto a height of 37 metre ( 121.36 ft).
- 04. Fabrication and erection of steel structures upto a height of 37 metre ( 121.36 feet ) from ground level ; spans upto 30 metre ( 100 feet ) and weighing 2,500 metric tons approximately. Erections of structures weighing upto 20 tons were successfully completed using 100 ton crames having 40 metre ( 131.20 feet ) boom.
- 05. Brick work: 1,300 cubic metre ( 45,900 ft. 3).
- O6. Finishing/painting works of the entire project.
- 07. Maximum volume of concreting done in a continuous pour of 20 hours ; 710 cubic metre ( 25,000 ft.3).
- 08. Total covered area of the project 12,000 square metre ( 1,29,000 sft.).

An Industrial/commercial building covering a total floor area of 5,100 square metre ( 54,900 sft.) accommodating offices and other utility services and the height of the building is 37 metre ( 121.36 feet ) from ground, which is approximately equal to that of 12 storied building including water supply, sanitary and plumbing works were satisfactorily executed by the contractor at an approximate cost of Tk. 12.00 crore. The cost of raft foundation of this building was about Tk. 2 crore and that of water supply, sanitary and plumbing works were Tk. 30 Lac.

All works were completed as per contract on 31.12.94.

The quality and workmanship of the entire project was found to be satisfactory.

> Executive Engineer Power Station Construction 210 MW Gherasal T.P.S.E. Project

P.D.B. Palash, Norslandi

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