



Bangladesh-India Friendship Power Company (Pvt.) Limited
(A JOINT VENTURE OF BPDB & NTPC LTD.)
Registered Office: Borak Unique Heights (Level-17),
117, Kazi Nazrul Islam Avenue, Dhaka-1217, Bangladesh

**Tender: EPC Township Package for 2x660MW Maitree Super Thermal
Power Project at Rampal, Bagerhat**

Addenda No. 4 to Tender Document

**Document No.: BIFPCL/ MSTPP/ EPC TOWNSHIP/ 2018/ Addenda-4
Dated 13.09.2018**

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EPC Township Package for 2 x 660 MW Maitree Super Thermal Power Project at Rampal, Bagerhat

Sl No	Part	Section	Sub Section	Clause	Page	Subject	Instead of	Read as
1.	B	B0	General Technical specification	2.8 2 nd paragraph	14 of 44	Data to be Furnished by the Bidder at the Time of Bid	General arrangement / architectural drawings for all buildings and structures showing dimension, levels plans, sections, elevations, loadings, materials proposed, types of framings, wall / cladding, floors, roofs types of finishes, construction methodology, design criteria etc.	The list of drawings and Documents to be furnished along with the bid shall be in line with clause number 11.1, Page 34 of 44.
2.	B	B0	General Technical specification	11.1	34 of 44	Documentation by the bidder along with the bid	Architectural, Civil and Structural works a)..... Fire Fighting System a)..... Heating, Ventilation and Air- Conditioning system a)..... Electrical a).....	Architectural works- Plan and Elevation of a) General Layout b) All Residence buildings including guest houses & field hostels c) Training center d) Hospital e) Shopping Centre f) Community Centre g) Executive & Non executive club h) Indoor Sports complex i) Schools j) Temple and mosque k) Barrack l) Swimming pool m) Cyclone center n) Police station
3.	D	D2	Soil Report	Map-1	2	Location of Additional 13 Borehole	Existing Map-1 (Clarification- Co- ordinates Provided in the	No amendment is being issued in this context.

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4.	B	B1	2	5.5 First paragraph, first sentence	14 of 45	Horticulture and Landscaping	drawing are of location in and around MSTPP project and provides referential data of the soil. You can also refer to the test report "post filling" attached with the report. For exact data, bidder may conduct soil test at their own cost.) The Contractor shall hire professionally qualified landscaping agencies to develop the landscaping and horticulture in the Township area.	The Contractor shall hire professionally qualified landscaping agencies to develop the landscaping and horticulture in the Township area and shall include all areas as shown in drawing number 1114129-C-001 as Township area which includes areas for future facilities, BIFPCL and BHEL field accommodations, solid waste management plant area etc.
5.	B	B0	3	3.1	20 of 44	Power Supply	Telephone cable----- substation	<u>Two Additional paragraphs</u> <u>Telephone cable----- substation</u> Power supply for construction activities shall be given on chargeable basis. Charges shall be as per prevailing rates by Government of Bangladesh for similar supply and shall be finalized during execution. For uninterrupted progress of work, back up DG should be arranged by the bidder at his own cost.
6.	B	B3.5	Annexure - B:	Sl. No.	16 of 164	Nominal system Voltage	11/0.433 KV, cast resin dry type transformer in	11/0.415 KV, cast resin dry type transformer in sheet steel enclosure

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			Bill of Quantities				sheet steel enclosure	
7.	B	B3.5	Dry Type Transformers	8.0.0 6	48 of 164	Nominal system Voltage	Nominal system voltage (HV / LV) kV 11/0.415	Nominal system voltage (HV / LV) kV 11/0.415
8.	B	B3.8	Rising Main, Bus Trunking & Busbar system	3.1.13	60 of 164	Degree of protection as per IEC	The enclosure shall have a degree of protection not less than IP 42.	The degree of protection IP65 or IP68 to be applicable for Outdoor use for BBT system. IP42 or IP54 are applicable for Indoor use.
9.	B	B3.8	Rising Main, Bus Trunking & Busbar system	3.2.0(e)	61 & 62 of 164	Degree of protection as per IEC	The enclosure shall have a degree of protection not less than IP 42 for indoor application, and IP 54 for outdoor application.	The degree of protection IP65 or IP68 to be applicable for Outdoor use for BBT system. IP42 or IP54 are applicable for Indoor use.
10.	B	B3.8	Annexure - B: Bill of Quantities	Sl. No. 76	19 of 164	UPS system for Hospital	UPS system for Hospital complete with Battery and UPS DB	Deleted
11.	B	B3.10		1.0.0	68 of 164	Intent of Specification	This section covers the requirements of 230V parallel redundant UPS with voltage stabilizer for the Township facilities, the hospital in the Township	This section covers the requirements of 230V parallel redundant UPS with voltage stabilizer for the Township facilities, wherever applicable.
12.	B	B2	2.0.0	2.2.0	17 of 38	Scope of work	Air cooled chiller units	Air cooled DX Type Air conditioning units
13.	B	B1	2	9.3.2	39 of 45	Schedule of Finishes for Group 2	Floor finish for Sports Room and Gym – Mirror polished homogeneous tiles	Floor finish for Sports Room and Gym – Anti skid tiles
14.	B	B0		2.4(aa)	12 of 44	Illumination scope	Illumination system (internal and external) for the complete facilities	Illumination system (internal and external) for the complete facilities inside and outside the township boundary (shall include all areas)

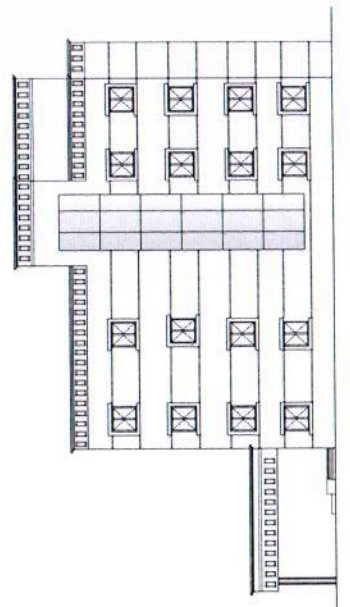
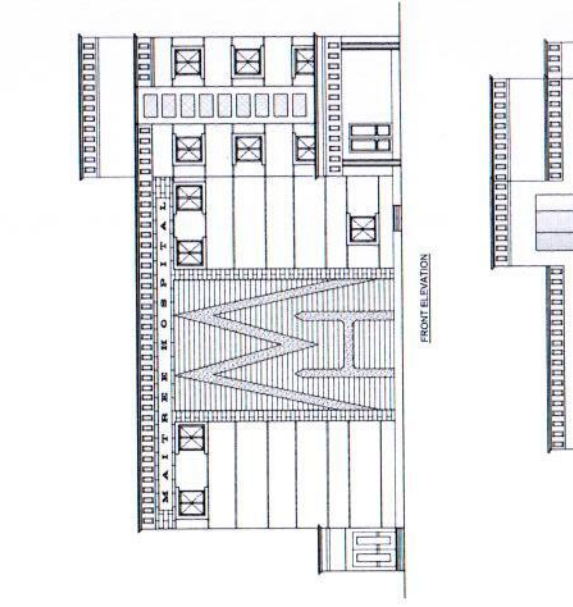
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SI No	Part	Section	Sub Section	Clause	Page	Subject	Instead of	Read as
15.	B	B3		4.3.1	100 of 164	Lighting Mast	inside and outside the township boundary • <u>Special tools & tackles</u>	as shown in drawing number 1114129-C-001 as Township area which includes areas for future facilities, BIFPCL and BHEL field accommodations, solid waste management plant area etc.) NEW ONE BULLET POINT ADDED: • Special tools & tackles • Bidder has to design location and number of lighting mast as per illumination standards. However minimum 6 Nos. of Lighting mast needs to be provided.
16.	B	B4	D	Drg 1114129-E-202		Main single line diagram	<u>Note</u> 8.---	Note: 8. 9. The material & type of Bus duct / rising mains shall be Copper sandwich type .
17.	B	B2	1.2.0		5 of 38	Fire Detection and Alarm System	Fire Detection and Alarm System • Motor controller --- fire pump	Fire Detection and Alarm System • Motor controller --- fire pump • SMF Lead acid battery of sufficient capacity to cater the load of Fire Alarm System for 24hours during normal condition and 30 minutes during alarm condition shall be considered in Fire Alarm Panel
18.	B	B1		7	20 of 45		1. Suitable provision ---are required.	1. Suitable provision ---are required. Access control system shall be provided in all important area (like server room, VIP areas, hospital facilities, strong room, guest house rooms etc). Exact detail of which shall be decided during detail engineering.
19.	B	B3	B3.2	3.5.6	29 of	TV distribution	Master antenna television	Master antenna television system shall be

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SI No	Part	Section	Sub Section	Clause	Page	Subject	Instead of	Read as
20.	B	B3	B3.18	3.4.0	164 of 164	Internet distribution	system shall be provided for various residential buildings enabling the individual user to receive television and radio signals without having personalized antennas. Data Communication Network for LAN and Internet Services inside the Buildings shall be installed using Cat 6/ Cat 7 unshielded twisted pair (UTP) cables in a concealed manner. The water -----standards The tank ----- control.	provided for various residential buildings and non-residential buildings enabling the individual user to receive television and radio signals without having personalized antennas. Data Communication Network for LAN and Internet Services inside all residential and non-residential buildings shall be installed using Cat 6/ Cat 7 unshielded twisted pair (UTP) cables in a concealed manner.
21.	B	B1	3.10	1	2 of 12	Underground tank	The water -----standards The tank ----- control.	New paragraph after 4 th paragraph The water -----standards Underground tank shall be provided for all buildings of more than two storeys. The tank ----- control.
22.	B	B2	2.0.0	2.3.0	20 of 38	AC scope for the server room	Nursery and High School - Office room, Head Master Room, Head Master Room, Library, Laboratories, Computer rooms and Conference hall. Activity room, Staff room	Nursery and High School - Office room, Head Master Room, Library, Laboratories, Computer rooms, Server Room, Hub room and Conference hall. Activity room, Staff room
23.	B	B4	B	Drg 1114129-C-705		Hospital Architectural Scheme		New Revision of the drawing attached.



FLOOR AREA STATEMENT

NO.	DESCRIPTION	AREA (SQ. M)
1	RECEPTION	100
2	WAITING AREA	200
3	EXAM ROOM	150
4	GENERAL PRACTICE	300
5	LABORATORY	120
6	PHARMACY	80
7	STORE	50
8	OFFICE	40
9	TOILET	20
10	STAIRS	10
11	UTILITY	10
12	MECHANICAL	10
13	LANDSCAPE	10
14	ROADWAY	10
15	PERMITS	10
16	STREET LIGHTS	10
17	LANDSCAPE	10
18	ROADWAY	10
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20	STREET LIGHTS	10
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FLOOR AREA STATEMENT

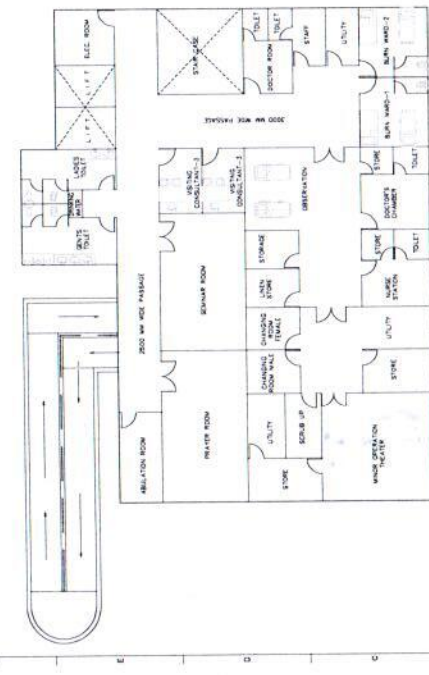
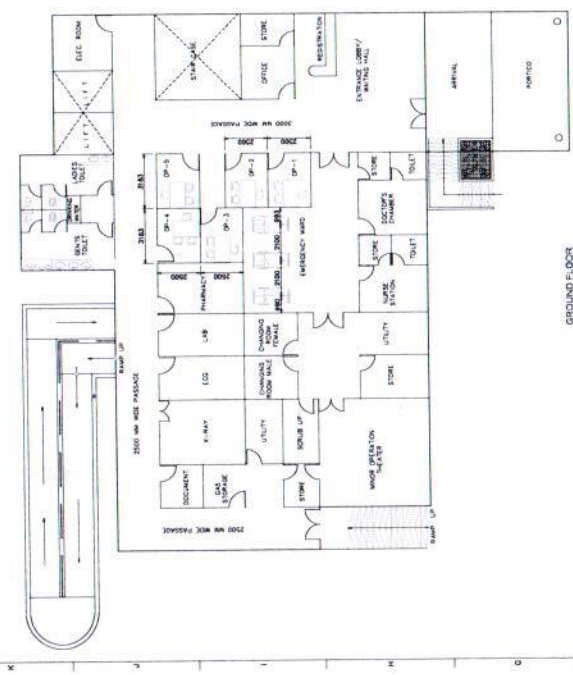
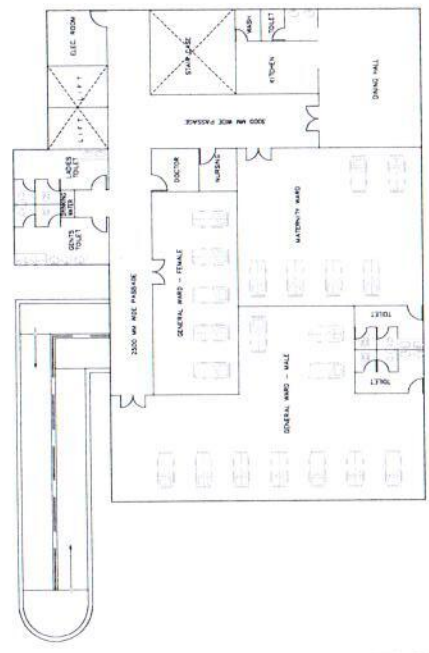
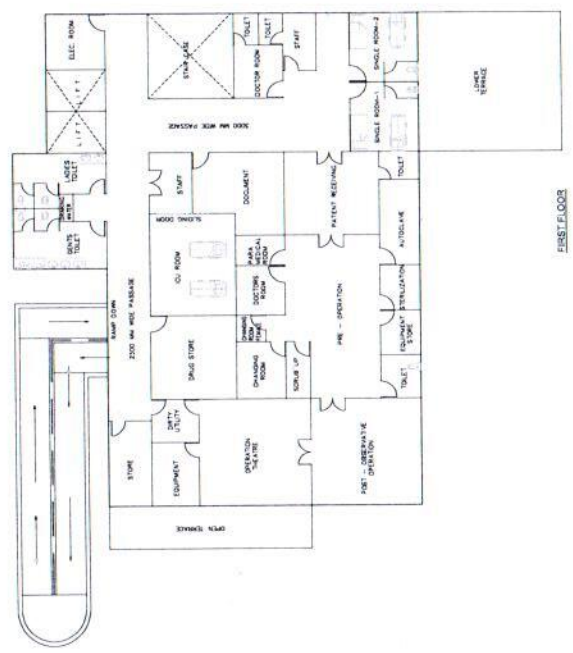
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TOWNSHIP
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