

Price Schedule for Plant and Service (Form PG5A-3)

(This form should be completed and submitted by the tenderer and appended in the financial proposal envelope)

Invitation for Tender No:	<i>[indicate IFT No]</i>
Tender Package No	<i>[indicate Package No]</i>
This Package is divided into the following Number of Lots	<i>[indicate number of Lot(s)]</i>

General

1. The Price Schedules are divided into separate Schedules as follows:
 - Schedule No. 1: Plant (including Mandatory Spare Parts) Supplied from Abroad
 - Schedule No. 2: Plant (including Mandatory Spare Parts) Supplied from within the Employer's Country- Not Applicable
 - Schedule No. 3: Design & other Services
 - Schedule No. 4: Civil works part
 - Schedule No. 5: Installation and Commissioning Services
 - Schedule No. 6: Grand Summary
 - Schedule No. 7: Recommended Spare Parts- Not applicable
2. The Schedules do not generally give a full description of the plant to be supplied and the services to be performed under each item. Tenderers shall be deemed to have read the Employer's Requirements and other sections of the Tender Document and reviewed the Drawings to ascertain the full scope of the requirements included in each item prior to filling in the rates and prices. The entered rates and prices shall be deemed to cover the full scope as aforesaid, including overheads and profit.
3. If tenderers are unclear or uncertain as to the scope of any item, they shall seek clarification in accordance with ITT 9.1 prior to submitting their tender.

Pricing

4. Prices shall be filled in indelible ink, and any alterations necessary due to errors, etc., shall be initialed by the Tenderer.
As specified in the Tender Data Sheet and Special Conditions of Contract, prices shall be fixed and firm for the duration of the Contract.
5. Tender prices shall be quoted in the manner indicated and in the currencies specified in the Instructions to Tenderers in the Tender Document.
For each item, tenderers shall complete each appropriate column in the respective Schedules, giving the price breakdown as indicated in the Schedules.
Prices given in the Schedules against each item shall be for the scope covered by that item as detailed in Section 6 (Employer's Requirements) or elsewhere in the Tender Document.
6. Payments will be made to the Contractor in the currency or currencies indicated under each respective item.
7. When requested by the Employer for the purposes of making payments or partial payments, valuing variations or evaluating claims, or for such other purposes as the Employer may reasonably require, the Contractor shall provide the Employer with a breakdown of any composite or lump sum items included in the Schedules.

Schedules of Rates and Prices

Schedule No. 1 - Plant and Mandatory Spare Parts Supplied from Abroad

Line Item No	Description of Item	Country of Origin	Quantity	Unit Price CIP [Raozan Power Plant] [Foreign Currency]	CIP price per Line Item [Foreign Currency]
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6 = 4 x 5</u>
1A-1	Packaged Gas Turbine Generating unit completed in all respect including all auxiliaries, instrumentation, grounding system and inter-connection piping, cabling, gas fuel operation, air intake filtration facilities, FGMO, inlet and exhaust silencing facilities, ducts and Generator including excitation system, AVR & other auxiliaries & ancillaries equipment.		Gas Turbine 1 no.		
			Generator (As Single shaft configuration, this Generator will be coupled with ST also) 1 no.		
1A-2	Complete equipment for off base cooling system.		1(one) lot		
1A-3	Complete equipment for off base natural gas supply system including Gas Regulating & Metering Station		1(one) lot		
1A-4	Gas Booster Compressor with all ancillary, auxiliary		1 (one) lot		
1A-5	Generator Switchgear (circuit breaker, isolators, earthing switches, CT, PT, surge capacitors, surge absorber assembly)		1(one) lot		
1A-6	GT (Bypass) Stack & SSS clutch		1 (one) lot		
1A-7	Instrumentation & Control facilities		1 (one) lot		
1A-8	Emergency Diesel Generator (EDG) (Min 1500 kVA) with all ancillary and diesel storage tank.		1 (one) lot		
1A-9	Other miscellaneous equipment/materials		1 (one) lot		
	Sub-total : 1A				
1B-1	Heat Recovery Steam Generator & auxiliaries		1 (one) lot		

Line Item No	Description of Item	Country of Origin	Quantity	Unit Price CIP [Raozan Power Plant] [Foreign Currency]	CIP price per Line Item [Foreign Currency]
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6 = 4 x 5</u>
1B-2	Structural Steels		1 (one) lot		
1B-3	Piping work		1 (one) lot		
1B-4	Valves		1 (one) lot		
1B-5	Instrumentation & Control facilities		1 (one) lot		
1B-6	Lagging & Cladding		1 (one) lot		
1B-7	On & Off-load Cleaning equipment		1 (one) lot		
1B-8	Gas Duct		1 (one) lot		
1B-9	Hydraulic Diverted damper with hydraulic oil skid		1 (one) lot		
1B-10	Motor operated Guillotine Damper		1 (one) lot		
1B-11	HRSG Stack		1 (one) lot		
1B-12	Chemical dosing system including pumps		01 (one) lot		
1B-13	Other miscellaneous equipment/materials		1(one) lot		
	Sub-Total 1B				
1C-1	Steam Turbine & auxiliaries		1 (one) lot		
1C-2	Surface condenser		1 (one) lot		
1C-3	Deareator		1 (one) lot		
1C-4	Air extraction system, ejector/ Vacuum Pump		1 (one) lot		

Line Item No	Description of Item	Country of Origin	Quantity	Unit Price CIP [Raozan Power Plant] [Foreign Currency]	CIP price per Line Item [Foreign Currency]
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6 = 4 x 5</u>
1C-5	Closed loop cooling water system		1 (one) lot		
1C-6	Feed Water Pump		1 (one) lot		
1C-7	Condensate water Pump		1 (one) lot		
1C-8	Circulating water pump (cooling Tower Pump)		1 (one) lot		
1C-9	Cooling Tower fans		1 (one) lot		
1C-10	Chemical dozzing system including dozzing pumps for Cooling Tower & other cooling water system		1 (one) lot		
1C-11	Instrument & Service Air compressor with dryer		1 (one) lot		
1C-12	Piping & valves		1 (one) lot		
1C-13	Lagging & Cladding		1 (one) lot		
1C-14	Instrumentation & Control facilities		1 (one) lot		
1C-15	Other miscellaneous equipment/materials		1 (one) lot		
	Sub-Total 1C				
1D-1	Generator Step up Transformer , **/ 230 kV (3+1 single phase transformer) <i>(As Single shaft configuration, this Transformers will be used for both GT & ST Generator)</i>		1 (one) lot		
1D-2	Station Transformers, 6.6/0.415 KV		1 (one) lot		
1D-3	Unit Auxiliary Transformer , **/ 6.6 kV		1 (one) lot		
1D-4	230 KV SF6 Circuit Breaker		1 (one) lot		

Line Item No	Description of Item	Country of Origin	Quantity	Unit Price CIP [Raozan Power Plant] [Foreign Currency]	CIP price per Line Item [Foreign Currency]
1	2	3	4	5	6 = 4 x 5
1D-5	230 KV Current Transformer		1 (one) lot		
1D-6	230 KV Voltage Transformer		1 (one) lot		
1D-7	230 KV Lightning Arrester		1 (one) lot		
1D-8	230 KV Isolator		1 (one) lot		
1D-9	230 KV Underground Cable and if required, cable with termination		1 (one) lot		
1D-10	Steel structure, Insulator, Conductor etc.		1 (one) lot		
1D-12	Other miscellaneous equipment/materials		1 (one) lot		
	Sub-total : 1D				
1E-1	Isolated phase solid Copper Bus Duct		1 (one) lot		
1E-2	6.6 KV station switchgear.		1 (one) lot		
1E-3	415 V switch gear and power centres		1 (one) lot		
1E-4	6.6 KV XLPE power cable		1 (one) lot		
1E-5	600 V power cable		1 (one) lot		
1E-6	Control and Instrument cable		1 (one) lot		
1E-7	Raceway Materials		1 (one) lot		
1E-8	Grounding System		1 (one) lot		
1E-9	Lighting and small power		1 (one) lot		

Line Item No	Description of Item	Country of Origin	Quantity	Unit Price CIP [Raozan Power Plant] [Foreign Currency]	CIP price per Line Item [Foreign Currency]
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6 = 4 x 5</u>
1E-10	2x 100% capacity Battery banks with Battery Chargers		1 (one) lot		
1E-11	DC distribution board, switchgears, cables etc.		1 (one) lot		
1E-12	2x 100% capacity Invertors with related switchgears, cables etc.		1 (one) lot		
1E-13	Communication system PABX Telephone system Paging system Power supply Telemetering facilities, Communication, SCADA & Integration (with PGCB) Equipment CCTV System		1(one) lot 1(one) lot 1(one) lot 1(one) lot		
1E-14	Other miscellaneous equipment/materials		1(one) lot 1 (one) lot		
	Sub-total : 1E				
1F-1	Chemical water treatment plant including all reservoirs, storage tanks, pumps, valves, pipings, electrical and I&C system with all auxiliaries complete in all respect.		1 (one) lot		
1F-2	Chemical laboratory with standard apparatus for Combined cycle Power Plant		1 (one) lot		
1F-3	Effluent Treatment Plant		1 (one) lot		
1F-4	Other miscellaneous equipment/materials		1 (one) lot		
	Sub-total : 1F				
1G-1	EOT Crane for GTG Unit		1 (One) no.		
1G-2	EOT Crane for ST		1 (One) no.		

Line Item No	Description of Item	Country of Origin	Quantity	Unit Price CIP [Raozan Power Plant] [Foreign Currency]	CIP price per Line Item [Foreign Currency]
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6 = 4 x 5</u>
1G-3	CWP House EOT Crane		1 (One) no.		
1G-4	GBC House EOT Crane		1 (One) no.		
1G-5	Mobile Crane		1 (One) no.		
1G-6	5 ton truck with 3 ton jib crane		1 (One) no.		
1G-7	5 ton fork lift		1 (One) no.		
1G-8	5 ton truck/ lorry		1 (One) no.		
1G-9	1 ton half truck		1 (One) no.		
1G-10	Hoist for EDG room, River intake pump house, Fire fighting pump house, Chemical plant		1 (one) lot		
1G-11	Special tools, Special lifting & handling appliances and dismantling & assembling tools for GT and ST unit		1 (one) lot		
1G-12	Other miscellaneous equipment/materials		1 (one) lot		
	Sub-total : 1G				
1H-1	Fire Fighting Facilities		1 (one) lot		
1H-2	Special Maintenance tools including Videoscope with 3D phase measurement		1 (one) lot		
1H-3	Electrical workshop tools		1 (one) lot		
1H-4	Machine Shop equipment & Tools		1 (one) lot		
1H-5	Laboratory Equipment (Testing Bench)		1 (one) lot		

Line Item No	Description of Item	Country of Origin	Quantity	Unit Price CIP [Raozan Power Plant] [Foreign Currency]	CIP price per Line Item [Foreign Currency]
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6 = 4 x 5</u>
1H-6	Other miscellaneous equipment/materials		1 (one) lot		
	Sub-total : 1H				
1I-1	Local & Remote unit control desk Boards/ HMIs with complete DCS of the plant		1 (one) lot		
1I-2	Generation Voltage level switchgear Panels including Gen. WH & VarH Recording meters		1 (one) lot		
1I-3	Auxiliary power supply Panels		1 (one) lot		
1I-4	230 kV panels including delivery point WH & VarH Recording meters		1 (one) lot		
1I-5	Synchronizing panels (swing type) Plant Control System with on-line Plant Performance Monitoring & Optimization System		1 (one) lot		
1I-6	Standard weather station		1 (one) lot		
1I-7	Continuous emission monitor module		1 (one) lot		
1I-8	Remote Monitoring with integrated cyber security system		1 (one) lot		
1I-9	Other miscellaneous equipment/materials		1 (one) lot		
	Sub-total : 1I				
1J-1	Fuel Gas Handling facilities		1 (one) lot		
1J-2	Other miscellaneous equipment/materials		1 (one) lot		
	Sub-total : 1J				
1K-1	Spares for Warranty period		1 (one) lot		

Line Item No	Description of Item	Country of Origin	Quantity	Unit Price CIP [Raozan Power Plant] [Foreign Currency]	CIP price per Line Item [Foreign Currency]
<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6 = 4 x 5</u>
1k-2	Consumables for Warranty period		1 (one) lot		
	Sub-total : 1k				
1L-1	Renovation of water intake system – 8 KM Pipeline		1 (one) lot		
1L-2	River Water Intake Pumps- 3x50%		1 (one) lot		
1L-3	Required Valves & Others to complete the renovation work in all respect		1 (one) lot		
	Sub-total : 1L				
1M-1	Simulator for Power Plant operation Training		1 (one) Set		
	Sub-total : 1M				
1N-1	Material, Consumable, Spares for Civil related Works (The tenderer shall have to specify the name of items)		1 (one) lot		
	Sub-total : 1N				
	Total : 1(Total Price excluding TAX & VAT) Column 6 to be carried forward to Column 3 and 4 of Schedule No. 6. Grand Summary				

Note: 1. The Employer may also use other INCOTERMS, if deemed necessary. In such case Form PG5A-6, will require to be customized by the Employer

2. Specify currencies in accordance with ITT 27. Create and use as many columns for Unit Price and Total Price as there are currencies.

Name:	[insert full name of signatory]		Signature with Date and Seal
In the capacity of:	[insert designation of signatory]	[Sign]	
Duly authorized to sign the Tender for and on behalf of the Tenderer			

Schedule No. 2 – Plant and Mandatory Spare Parts Supplied from within the Employer's Country- Not Applicable

Line Item No.	Description of Item	Quantity	Unit Price EXW (Foreign Currency or Taka)	Total EXW Price (Foreign Currency or Taka)	Sales Tax (Foreign Currency or Taka)	Total Price (Foreign Currency or Taka)
1	2	3	4	5 = 3x 4	6	7 = 5 + 6
TOTAL Column 5 to be carried forward to Schedule No. 5. Grand Summary						

Note: 1. Specify currencies in accordance with ITT 27. Create and use as many columns for Unit Price and Total Price as there are currencies

Name:	[insert full name of signatory]	Signature with Date and Seal
In the capacity of:	[insert designation of signatory]	[Sign]
Duly authorized to sign the Tender for and on behalf of the Tenderer		

Schedule No. 3 – Design & other Services

Item	Description of Item	Quantity	Unit Price		Total Price	
			Local Currency Portion	Foreign Currency Portion	Local Currency Portion	Foreign Currency Portion
(1)	(2)	(3)	(4)	(5)	(6) = (3 x 4)	(7) = (3 x 5)
3 A	DESIGN AND ENGINEERING	1 lot				
3 B	WORKSHOP TESTS INCLUDING TEST WITNESSING	1 lot				
	TRAINING					
3C1	Training at manufacturers' factory	1 lot				
3C2	Traveling charges,	1 lot				
3C3	Living allowance,	1 lot				
3C4	Training at the site	1 lot				
3 D	DOCUMENTS (DRWINGS, OPERATION MANUALS, STANDARDS etc.)	1 lot				
3 E	Operation and maintenance services during Warranty period. (warrantee engineers for 2 years warranty period).	1 lot				
3 F	Others (Tenderer Shall have to Specify)					
	Total : 3(Total Price excluding TAX & VAT)					
	Column 6 and 7 to be carried forward to Column 3 and 4 of Schedule No. 6. Grand Summary					
	VAT & TAX (according to prevailing Rule)					
	Total : 3 (Total Price including TAX & VAT)					
	Column 6 and 7 to be carried forward to Column 5 & 6 of Schedule No. 6. Grand Summary					

¹Note: 1. Specify currencies in accordance with ITT 27. Create and use as many columns for Unit Price and Total Price as there are currencies

Name:	[insert full name of signatory]		Signature with Date and Seal
In the capacity of:	[insert designation of signatory]	of	[Sign]
Duly authorised to sign the Tender for and on behalf of the Tenderer			

Schedule No. 4 – Civil works part

Item	Description of items	Quantity	Unit Price		Total Price	
			Local Currency	Foreign Currency	Local Currency	Foreign Currency
1	2	3	4	5	6 = 3 x 4	7= 3 x 5
4A-1	Soil test, demarcation & surveying and Excavation	1 lot				
4A-2	Soil development/ improvement	1 lot				
4A-3	Filling and Land development	1 lot				
4A-4	Others, if necessary (Tenderer shall specify those items)	1 lot				
	Sub-total : 4A					
	Site works					
4B-1	Internal Road, path and parking area.	1 lot				
4B-2	Drainage system	1 lot				
4B-3	Sewage works	1 lot				
4B-4	Water works, deepwell and pumps (2X100%)	1 lot				
4B-5	Storage tank for fire-fighting	1 lot				
4B-6	Piping and others	1 lot				
4B-7	Landscaping, turfing, gravel surfacing	1 lot				
4B-8	renovation of the existing water intake system	1 lot				
4B-9	Others (if any)	1 lot				
	Tenderer shall specify those items					
	Sub-total : 4B					
	Piling- Tenderer shall specify kind of piles to be utilized					
4C-1	For Gas Turbine generating unit foundations	1 lot				
4C-2	HRSG unit foundations	1 lot				
4C-3	ST unit foundations	1 lot				
4C-4	For Transformers, switchgears, equipment etc. foundations	1 lot				
4C-5	GBC, EDG and other equipment foundation	1 lot				

Item	Description of Items	Quantity	Unit Price		Total Price	
			Local Currency	Foreign Currency	Local Currency	Foreign Currency
1	2	3	4	5	6 = 3 x 4	7 = 3 x 5
4C-6	For Building foundations	1 lot				
4C-7	For gantry, steel structure foundations	1 lot				
4C-8	Cooling Tower	1 lot				
4C-9	Renovation of water intake system	1 lot				
4C-10	All storage Tanks	1 lot				
4C-11	For Others (if any) – Tenderer shall specify	1 lot				
	Sub-total : 4C					
	Foundation					
4D-1	Gas turbine generating unit, HRSG, ST, GBC, EDG, Firefighting pumps and all associated equipment/auxiliaries	1 lot				
4D-2	Transformers, switchgears, equipment foundations	1 lot				
4D-3	Gantry, steel structures foundations	1 lot				
4D-4	Buildings foundations	1 lot				
4D-5	Cooling Tower	1 lot				
4D-6	All storage Tanks	1 lot				
4D-7	Renovation of water intake system	1 lot				
4D-8	Other foundation (if any) (Tenderer shall specify)	1 lot				
	Sub-total: 4D					
	Building Works					
	Control building, Administrative building, Rest house building, Medical Centre, officers' dormitory, Staff Quarter, EDG Hall, Workshop, Store & store yard, Guardhouse, Water Treatment Plant, Chemical Plant building, GT & ST Hall, GBC hall, All pump houses, Boundary wall with barbed-wire fencing on top and fencing etc.					
4E-1	Back-filling	1 lot				
4E-2	Concrete works	1 lot				

Item	Description of Items	Quantity	Unit Price		Total Price	
			Local Currency	Foreign Currency	Local Currency	Foreign Currency
1	2	3	4	5	6 = 3 x 4	7 = 3 x 5
4E-3	Form works	1 lot				
4E-4	Roofing	1 lot				
4E-5	Brick works	1 lot				
4E-6	Doors and Windows	1 lot				
4E-7	Ventilation and Air-conditioning	1 lot				
4E-8	Plumbing and Sanitary installation	1 lot				
4E-9	Metal works	1 lot				
4E-10	Finishing works	1 lot				
4E-11	Lighting and power supply works	1 lot				
4E-12	Residential gas distribution	1 lot				
4E-13	Furniture for all buildings	1 lot				
4E-14	Other works (Tenderer shall specify)	1 lot				
	Sub-total: 4E					
	Total : 4(Total Price excluding TAX & VAT)					
	Column 6 and 7 to be carried forward to Column 3 and 4 of Schedule No. 6. Grand Summary					
	VAT & TAX (according to prevailing Rule)					
	Total : 4 (Total Price including TAX & VAT)					
	Column 6 and 7 to be carried forward to Column 5 & 6 of Schedule No. 6. Grand Summary					

Note: 1. Specify currencies in accordance with ITT 27. Create and use as many columns for Unit Price and Total Price as there are currencies

Name:	[insert full name of signatory]	Signature with Date and Seal
In the capacity of:	[insert designation of signatory]	[Sign]
Duly authorised to sign the Tender for and on behalf of the Tenderer		

Schedule No. 5- Installation and Commissioning Services

Item	Description	Quantity	Unit Price		Total Price	
			Local Currency	Foreign Currency	Local Currency	Foreign Currency
1	2	3	4	5	6 = 3 x 4	7 = 3 x 5
5A	Gas Turbine Generating unit Complete with auxiliary equipment	1 lot				
5B	Heat Recovery Steam Generator complete with auxiliary equipment	1 lot				
5C	Steam Turbine unit complete with auxiliary equipment	1 lot				
5D	Transformers, switchgears and other electrical equipment and materials	1 lot				
5E	Fuel handling facilities and Gas Booster compressor	1 lot				
5F	Chemical Plant, Chemical lab, Effluent treatment plant	1 lot				
5G	Cooling Tower	1 lot				
5H	Firefighting facilities	1 lot				
5I	Communication & SCADA system, Integration with PGCB	1 lot				
5J	Mechanical Auxiliary equipment	1 lot				
5K	Maintenance facilities, Workshop facilities, EDG and other mechanical facilities	1 lot				
5L	Central control equipment including Simulator & Remote Monitoring Sys.	1 lot				
5M	Renovation of water intake system	1 lot				
5 N	Other (Tenderer shall specify)					
Total : 5 (Total Price excluding TAX & VAT)						
Column 6 and 7 to be carried forward to Column 3 and 4 of Schedule No. 6. Grand Summary						
VAT & TAX (according to prevailing Rule)						
Total :5 (Total Price including TAX & VAT)						
Column 6 and 7 to be carried forward to Column 5 & 6 of Schedule No. 6. Grand Summary						

Note: 1. Specify currencies in accordance with ITT 27. Create and use as many columns for Unit Price and Total Price as there are currencies

Name:	[insert full name of signatory]	Signature with Date and Seal
In the capacity of:	[insert designation of signatory]	[Sign]
Duly authorised to sign the Tender for and on behalf of the Tenderer		

Schedule No. 6 – Grand Summary

Schedule No.	Title	Total Price excluding TAX & VAT		Total Price including TAX & VAT	
		Local Currency	Foreign Currency	Local Currency	Foreign Currency
1	2	3	4	5	6
1	Plant and Mandatory Spare Parts Supplied from Abroad				
2	Plant and Mandatory Spare Parts Supplied from Within the Employer's Country				
3	Design & other Services				
4	Civil Works Parts				
5	Installation and Commissioning Services				
GRAND TOTAL including TAX & VAT(Tender Price) to be carried forward to Form PG5A-1b					

Note: 1. Specify currencies in accordance with ITT 27. Create and use as many columns for Unit Price and Total Price as there are currencies

2. Create additional columns for up to a maximum of 3 Foreign Currencies if so required.

3. Financial Evaluation will be done considering Total Price excluding Tax & VAT. However Tax & VAT shall be included in the Final Contact Price as per clause: PCC [GCC 60.1 & 60.2]

Name:	[insert full name of signatory]	Signature with Date and Seal
In the capacity of:	[insert designation of signatory]	[Sign]
Duly authorised to sign the Tender for and on behalf of the Tenderer		