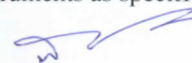


MAE TUEN HYDROPOWER PROJECT
CONTRACT C-2
SCHEDULE 3 - Summary of Prices

Item No.	Details	Estimate Baht
1	Total Price of Equipment	60,845,334.00
2	Total Price of Spare Parts	3,115,000.00
3	Total Price of Maintenance Tools and Instruments*	646,950.00
4	Price of Factory Tests	1,065,000.00
5	Price of Erection	3,135,000.00
6	Price of Field Performance Tests	1,375,000.00
SUB - TOTAL		70,182,284.00
VAT 7%		4,912,759.88
GRAND TOTAL BID PRICE		75,095,043.88

Note : * The Bidder shall breakdown the price of Maintenance Tools and Instruments as specified in Clause S 1.05 of Volume 2 in Schedule 6



MAE TUEN HYDROPOWER PROJECT
CONTRACT C-2
SCHEDULE 4 - PRICES OF EQUIPMENT

Item No.	Details	Quantity	Unit	Estimate Baht
1	<u>Turbine and Governor</u>			
	(1) Francis Turbine	2	Set	11,466,666.67
	(2) Hydraulic Governing System	2	Set	1,430,000.00
	(3) PLC Governor Cubicle	2	Set	4,650,000.00
	Sub - Total			17,546,666.67
2	<u>Inlet Valve</u>			
	(1) Inlet Valve and Bypass Valve	2	Set	1,146,666.67
	Sub - Total			1,146,666.67
3	<u>Mechanical Auxiliary Equipment</u>			
	(1) Unit Cooling Water System	2	Set	1,250,000.00
	(2) Compressed Air System (if Applicable)		LS	-
	(3) Air Conditioning and Water Drainage System	1	Lot	255,000.00
	(4) Portable Fire Extinguishers	1	LS	69,333.33
	(5) Overhead Traveling Crane	1	Set	1,795,000.00
	(6) Diesel-driven Standby Electric Power System	1	Set	926,666.67
	Sub - Total			4,296,000.00
4	<u>Generator and Auxiliaries</u>			
	(1) Generator with Flywheel	2	Set	5,090,000.00
	(2) Oil Lubrication System	2	Set	1,160,000.00
	(3) Excitation System	2	Set	1,580,000.00
	Sub - Total			7,830,000.00
5	<u>AC Station Service Transformers & Switchboard</u>			
	(1) Station Service Transformer 100kVA	1	Set	135,000.00
	(2) AC Distribution Board	1	Lot	252,000.00
	(3) Motor Control Center Panels	1	Lot	542,333.33
	Sub - Total			929,333.33

MAE TUEN HYDROPOWER PROJECT
CONTRACT C-2
SCHEDULE 4 - PRICES OF EQUIPMENT

Item No.	Details	Quantity	Unit	Estimate Baht
6	Transformer Terminal Cubicle, Generator Terminal Cubicles, Bus Ducts and Neutral Cubicles			
	(1) Transformer Terminal Cubicle	2	Lot	2,410,000.00
	(2) Generator CB and CT, PT Cubicle	2	Set	2,110,000.00
	(3) Generator Neutral Cubicles	2	Set	1,630,000.00
	(4) Station Service DS Cubicle	1	Set	2,390,000.00
	(5) Bus Tie Circuit Breaker Cubicle	1	Set	2,200,000.00
	Sub - Total			10,740,000.00
7	<u>DC Station Services</u>			
	(1) Battery Cells with Rack, 200 AH	1	set	696,666.67
	(2) Battery Charger	1	set	740,000.00
	(3) DC Distribution Panel Board	1	set	349,000.00
	Sub - Total			1,785,666.67
8	<u>Control, Protection and Alarm System</u>			
	(1) Control, Protection and Alarm Equipment	1	Lot	4,503,334.00
	Sub - Total			4,503,334.00
9	<u>Main Transformer</u>			
	(1) Main Transformer	2	Set	825,000.00
	Sub - Total			825,000.00
10	<u>22kV Line Protection and Switchyard Equipment</u>			
	(1) 22kV Drop Out fuse	6	Sets	875,000.00
	(2) 22kV Lightning Arrester	6	Sets	415,000.00
	(3) 22kV Voltage Transformer	6	Sets	895,000.00
	(4) 22kV Current Transformer	6	Sets	1,495,000.00
	(5) 22kV Disconnecting Switch	1	Set	565,000.00
	(6) 22kV SF6 Circuit Breaker	1	Set	846,666.67
	(7) 22kV Protection Cubicle	1	Set	790,000.00
	Sub - Total			5,881,666.67

MAE TUEN HYDROPOWER PROJECT
CONTRACT C-2
SCHEDULE 4 - PRICES OF EQUIPMENT

Item No.	Details	Quantity	Unit	Estimate Baht
11	<u>Communication System</u>			
	(1) Communication System	1	Set	347,500.00
	Sub - Total			347,500.00
12	<u>Ground System</u>			
	(1) Ground System		LS	145,000.00
	Sub - Total			145,000.00
13	<u>Electrical Auxiliary Equipment</u>			
	(1) Cable Trays and Support	1	lot	555,000.00
	(2) Conduit, Boxes and Fitting	1	lot	355,000.00
	(3) HV and MV Cable	1	Lot	2,300,000.00
	(4) 750 V Wire and Cable	1	lot	500,000.00
	(5) Control Cable	1	lot	280,000.00
	(6) Station Clocks	4	sets	62,666.67
	(7) Water Level Transmitter (Forebay)	1	set	335,000.00
	Sub - Total			4,387,666.67



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CONTRACT C-2
SCHEDULE 4 - SUMMARY PRICES OF EQUIPMENT

Item No.	Details	Estimate Baht
1	Turbine and Governor	17,450,000.00
2	Inlet Valve	1,146,666.67
3	Mechanical Auxiliary Equipment	4,296,000.00
4	Generator and Auxiliaries	7,830,000.00
5	AC Station Service Transformers & Switchboards	929,333.33
6	Transformer Terminal Cubicles, Generator Terminal Cubicles, Bus Ducts and Neutral Cubicles	10,740,000.00
7	DC Station Services	1,785,666.67
8	Control, Protection and Alarm System	4,503,334.00
9	Main Transformer	825,000.00
10	Line Protection and Switchyard Equipment	5,881,666.67
11	Communication System	347,500.00
12	Grounding System	145,000.00
13	Electrical Auxiliary Equipment	4,387,666.67
SUB - TOTAL		60,267,834.00

